

Preliminary Site Investigation

15-17 Lupin Avenue and 82 Belmore Street Fairfield East, NSW, 2165



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Prepared for: BlueCHP Ltd

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Executive Summary

TRACE Environmental was engaged by BlueCHP Ltd to undertake a Preliminary Site Investigation (PSI) for the properties located at 15-17 Lupin Avenue and 82 Belmore Street, Fairfield East, NSW ('the site'), referenced as Lots 1 & 2 DP1154467 and Lot 185 DP15560. The investigation was conducted in support of a Development Application to Fairfield City Council relating to the redevelopment of the site for a residential apartment block with basement car parking.

The scope of works undertaken for this PSI included conducting database searches and review of historical information relating to the site (including, but not limited to, local council records/planning certificates, NSW Environment Protection Authority [EPA] registers, state government records, certificates of title, historical business directories and available historical aerial photographs) and completion of a site inspection.

Findings of the investigation are as follows:

- The site and immediate surrounding area were developed for residential purposes in the early-mid 1950s. The site was undeveloped land prior to the current residential uses;
- During the site inspection, some potential contaminant sources were identified at the site, including:
 - Possible importation of fill material to develop the site in its current layout; and
 - Potential lead-based paint, asbestos containing materials (ACM) and/or other hazardous building materials in the on-site structures.
- No evidence of widespread impacts, such as ACM, stained soils or stressed vegetation were observed at the site during the inspection; and
- The site is located in a low to moderate sensitivity environmental setting based on the preliminary conceptual site model (CSM) and nearby land uses.

Based on the results of the PSI, there is considered to be a low potential for widespread contamination to have occurred at the site as a result of the current and historical residential land uses. In consideration of these historical site uses, the potential risk of exposure of site users and/or the environment to impacted soil and/or groundwater (if present) is considered low. The site is therefore considered suitable for the proposed residential redevelopment. However, potential hazardous building materials were identified within some of the site structures, and the recommendations (outlined below) should be considered.

TRACE Environmental provides the following recommendations:

- A Hazardous Materials (HAZMAT) Survey should be prepared prior to demolition or removal of any onsite structures, with any control measures outlined in the HAZMAT survey to be implemented during demolition or removal works. The removal and disposal of asbestos (if any) during future site works must be managed in accordance with the Work Health and Safety Regulation (2017) and Work Health and Safety Act (2011), the NSW codes of practice (including *How to Manage and Control Asbestos in the Workplace* and *How to Safely Remove Asbestos*) and the NSW EPA (2014) *Waste Classification Guidelines*;
- An unexpected finds protocol (UFP) should be prepared and implemented for the proposed site redevelopment works to outline the procedures that should be followed in the event that signs of



contamination are encountered during the works (such as the presence of ACM in fill materials or stained soils/buried debris);

- During site redevelopment works, any excess soil that is generated during construction works that is surplus to site development requirements (including materials excavated as part of removal of any unexpected finds) will require classification in accordance with NSW EPA (2014) Waste Classification Guidelines and disposed at a facility licensed to receive the waste; and
- Any imported fill material brought onto the site for any purpose must be validated as being suitable for the intended land use.



1 Introduction

TRACE Environmental was engaged by BlueCHP Ltd to undertake a Preliminary Site Investigation (PSI) for the properties located at 15-17 Lupin Avenue and 82 Belmore Street, Fairfield East, NSW ('the site'), referenced as Lots 1 & 2 DP1154467 and Lot 185 DP15560.

The investigation was conducted in support of a Development Application to Fairfield City Council relating to the redevelopment of the site for a residential apartment block with basement car parking. This investigation was completed in general accordance with the National Environment Protection (*Assessment of Site Contamination*) Measure, Amendment 2013 (NEPM) and relevant NSW Environment Protection Authority (EPA) guidelines.

The Locality Plan is presented in **Figure 1** and the Site Plan showing the site layout and features is presented in **Figure 2**. A site survey is provided in **Appendix A** and photographs of the site are included in **Appendix B**.

1.1 Background

The site covers an area of 1,414m² and comprises three residential properties, each containing a house, a garage (or car port) and associated yards/landscaping. Access to each site parcel is via driveways from Lupin Avenue or Belmore Street. Surrounding properties comprise low-density residential properties.

1.2 Objectives

The objective of the PSI is to determine if the site has previously been used for potentially contaminating activities which may have resulted in potential site contamination.

The specific objectives of the PSI are to:

- Assess the site condition relative to present and historical land uses;
- Identify any current or historical potentially contaminating activities;
- If applicable, identify the potential types and nature of contamination;
- If applicable, identify potential human and ecological receptors;
- Conduct a desktop review for potential salinity risk maps for the site;
- Provide conclusions and recommendations regarding the suitability of the site for the proposed redevelopment; and
- Identify any further need for additional investigation for potential site contamination, if considered warranted.

1.3 Scope of Works

The following scope of works were undertaken to meet the objectives described above, and in compliance with the NEPM and relevant NSW EPA guidelines:

• Conduct database searches and review of historical information relating to the site:



- o Information held by the client, including previous investigations undertaken at the site (if any);
- Available historical aerial photographs (Appendix C);
- Local Council records including planning certificates (Appendix D);
- Historical business directories for the site and surrounds (Appendix C);
- Current and historical certificates of title (Appendix E);
- Available utility plans (Appendix F);
- NSW EPA administered environment management and contaminated land registers (Appendix C);
- Registered groundwater bore database for groundwater bores in the vicinity of the site, to assist in gaining an understanding of the local and regional hydrogeology (Appendix C);
- Acid Sulfate Soils (ASS) and dryland salinity risk maps (Appendix C); and
- Available geological and hydrogeological information (Appendix C).
- Conduct an inspection of the site on 5 April 2023 to identify potential sources of contamination and evaluate the general condition of the site in relation to potential contamination;
- Develop an initial Conceptual Site Model (CSM) of the site, outlining potential contamination sources, and exposure pathways and receptors which may be impacted, and undertake a preliminary environmental risk assessment;
- If required, outline any recommendations for further investigation that may be warranted to assess for potential contamination at the site based on the results of the PSI; and
- Provide a PSI report and recommendations.

1.4 Statutory and Regulatory Framework

The Planning Certificate obtained for the site (**Appendix D**), issued under Section 10.7 of the *Environmental Planning and Assessment Act (EP&A Act) 1979* (refer to **Section 3.3** below for additional detail), contains the State Environmental Planning Policies that might be applicable to the site.

Field activities and reporting were carried out in accordance with the following guidelines and regulations:

- Acid Sulfate Soil Management Advisory Committee (ASSMAC) (1998), Acid Sulfate Soil Manual, NSW, August 1998;
- NEPC (2013), National Environment Protection (Assessment of Site Contamination) Measure (NEPM). National Environment Protection Council (NEPC) 1999, Amendment 2013;
- NSW Department of Infrastructure, Planning and Natural Resources, Salinity Potential in Western Sydney 2002;
- NSW Department of Urban Affairs and Planning (1998), *Managing Land Contamination: Planning Guidelines: SEPP 55 Remediation of Land*, 1998;



- NSW EPA (2014), Waste Classification Guidelines. Part 1: Classifying Waste. NSW EPA, November 2014;
- NSW EPA (2015), Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act. NSW EPA, September 2015;
- NSW EPA (2017), Guidelines for the NSW Site Auditor Scheme (3rd Edition). NSW EPA, October 2017;
- NSW EPA (2020), Consultants Reporting on Contaminated Land: Contaminated Land Guidelines. NSW EPA, Updated May 2020;
- NSW EPA (2020), Guidelines for Implementing the Protection of the Environment Operations (Underground Petroleum Storage Systems) Regulation 2019, December 2020;
- NSW EPA (2022), Contaminated Land Guidelines, Sampling Design Part 1 Application and Part 2 -Interpretation, NSW EPA, August 2022;
- NSW Government (December 2022), Code of Practice: How to Manage and Control Asbestos in the Workplace;
- NSW Government (December 2022), Code of Practice: How to Safely Remove Asbestos;
- Standards Australia (1999), Australian Standard AS 4482.2-1999 *Guide to the sampling and investigation of potentially contaminated soil. Part 2: Volatile substances.* Standards Australia, Homebush, NSW; and
- Standards Australia (2005), Australian Standard AS 4482.1-2005 Guide to the investigation and sampling of sites with potentially contaminated soil. Part 1: Non-volatile and semi-volatile compounds. Standards Australia, Homebush, NSW.



2 Site Description and Setting

2.1 Site Identification

Details of the site are included in Table 2-1, below.

Table 2-1: Summa	y of Site Ic	dentification Details
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ID Element	Description
Site Address	15-17 Lupin Avenue and 82 Belmore Street, Fairfield East, NSW 2165
Lot/DP	Lots 1 & 2 DP1154467 and Lot 185 DP15560
Site Area (Approx.)	1,414m ²
Site Coordinates (Approx.)	-33° 52' 46", 150° 58' 23"
Site Elevation (Approx.)	21 mAHD
Local Council	Fairfield City Council
Zoning	Zone R4 High Density Residential

2.2 Site Description & Adjoining Land Uses

A site inspection was completed by TRACE Environmental personnel on 5 April 2023. Photographs taken during the site visit are included in **Appendix B** and the general site layout is presented in **Figure 2**. Details of the site, as observed during the inspection and gathered from other sources detailed in this report, are outlined in **Table 2-2**, below.

Category	Findings
Current Users, Occupiers and Features (including Boundary Conditions)	 The site comprises parcels located at 15 Lupin Avenue (southern site parcel), 17 Lupin Avenue (north-western site parcel) and 82 Belmore Street (north-eastern site parcel). The 15 Lupin Avenue site parcel (Photographs 1 to 6 of Appendix B) is a rectangular shaped parcel and comprises the following features: A two-storey residential dwelling with mixed brick and weatherboard exterior and a tile roof. A metal awning extends over a tiled patio area at the rear of the residence at the central portion of the site (Figure 2). The building comprises a small crawlspace under a portion of the building; A carport is located at the front (western) portion of the parcel (Figure 2) and is of metal construction with a metal roof; A secondary residence/granny flat of fibre cement construction with a small crawlspace and a tile roof is at the central-southern portion of the parcel (located south of the metal awning/patio area, Figure 2); A metal shed with a metal roof and concrete floor is located at the rear (south-eastern corner) of the parcel (Figure 2). Household items including household cleaners/chemicals were located within the shed. No staining was observed on the concrete floor; Front and back yards are predominantly grass covered with some limited landscaping, noting a paved driveway extends from Lupin Avenue; No asbestos fragments or signs of buried debris were observed on the exterior ground surfaces, however, the crawlspaces of the residences could not be accessed; and During the site inspection a separate geotechnical investigation was being undertaken by a separate geotechnical firm. Soil cuttings at one location at the back yard of the parcel

Table 2-2: Site Description



Category	Findings
	indicated a thin topsoil layer overlying orange-brown silty clay (refer to Photograph 5 of Appendix B).
	The 17 Lupin Avenue site parcel (Photographs 7 to 12 of Appendix B) is an irregularly shaped parcel and comprises the following features:
	 A single storey residential brick dwelling with a metal roof (Figure 2) and appears to be slab on grade construction. A metal awing extends over a small paved area at the rear of the dwelling;
	 An attached garage is located at the southern portion of the parcel (Figure 2) and is also of brick construction with a metal roof. An associated concrete driveway extends from Lupin Avenue (Figure 2);
	 A small metal shed containing household items is located at the south-eastern corner of the parcel;
	 Front and back yards, predominantly grass covered with some limited landscaping; Colourbond fencing is located along the southern and eastern parcel boundaries. A metal picket fence denotes the western and northern site boundaries; and
	 No asbestos fragments or signs of buried debris were observed on the exterior ground surfaces.
	The 82 Belmore Street parcel (Photographs 13 to 16 of Appendix B) is an irregularly shaped parcel comprises the following features:
	 A single storey residential brick dwelling with a metal roof (Figure 2) and appears to be slab on grade construction. A metal awing extends over a small paved area at the rear of the dwelling;
	 An attached garage is located at the eastern portion of the parcel (Figure 2) and is also of brick construction with a metal roof. An associated concrete driveway extends from Belmore Street (Figure 2);
	 Front and back yards, predominantly grass covered with some limited landscaping; Colourbond fencing is located along the western, southern and eastern parcel boundaries, with a concrete wall along a portion of the southern parcel boundary. A metal picket fence denotes the northern site boundary; and
	 No asbestos fragments or signs of buried debris were observed on the exterior ground surfaces.
Future Use and Users/Occupiers	Future land uses are understood to include high-density residential purposes. The current residential site uses will likely continue until the site is redeveloped.
	Future users will likely include construction workers during site redevelopment and future residents, visitors and maintenance workers.
Chemicals, raw materials, intermediate products storage and use	No drums/containers containing chemicals or fuels were observed to be stored on unsealed surfaces, and no surface staining was observed at unsealed areas.
Waste Management	General residential waste is produced and stored on site (garbage bins) prior to off-site disposal.
Underground Services	The site is serviced by above ground and underground utilities. TRACE Environmental conducted a Dial Before you Dig (DBYD) search during March 2023 which shows the approximate location of the services at the site (refer to Section 3.9 for additional detail). DBYD plans are provided in Appendix F .
Reported spills, chemical losses, discharges to land/water and/or incidents/accidents	No evidence of spills, chemical losses, discharges to land/water and/or incidents/accidents was observed during the site inspection.



Category	Findings
Surface covering/Vegetation	Exterior areas of the site contain some concrete areas (driveways, concrete patios as noted above) but otherwise comprise lawn areas and garden beds.
Electrical transformers/power generation	No electrical transformers were noted on-site; however, a pole mounted transformer is located within the road reserve immediately west of the 15 Lupin Avenue site parcel. No signs of damage or leaking oil were observed associated with the transformer. The site is provided power via above ground services extending from Lupin Avenue and Belmore Street.
Topography and infilling	The site is generally flat and appears to follow the general topography of the area surrounding the site.
Surface drainage	Surface water is expected to infiltrate through unsealed surfaces and/or drain from the site surface, and from roofs via gutters and pipes to the municipal drainage system.
Climate/Meteorology	Climate statistics obtained from the Bureau of Meteorology (<u>http://www.bom.gov.au/</u>) for the nearest weather station to the site (Bankstown Airport AWS, Site #066137, approximately 4km from the site), which provides the following data for the past year:
	 The mean maximum temperature ranges between 17.4°C (July) to 28.5°C (January); The mean minimum temperature ranges between 5.2°C (July) to 18.3°C (January); The mean rainfall ranges between 44.5mm (September) to 115.0mm (March); and The mean number of days of rain >1mm (per month) ranges between 4.6 (August) and 8.9 (March).

2.3 Surrounding Land Use

The current adjoining land use within 200m of the site comprised:

- North: Belmore Street with low-density residential land use beyond;
- East: Low-density residential land use with Seaman Avenue beyond;
- South: Low-density residential land use; and
- West: Lupin Avenue with low-density land use and Normanby Street beyond.

2.4 Geology & Hydrogeology

The geological unit present on the site comprises Bringelly Shale which consists of shale with carbonaceous claystone, laminate, lithic sandstone and rare coal. The soil type present at the site comprises Sodosol which consists of undulating hard acidic yellow mottled soils usually containing some ironstone gravels throughout the profile.

The Hydrogeology Map of Australia (Geoscience Australia) indicates that the on-site aquifer is a porous, extensive aquifer of low to moderate productivity. Based on the topography of the general site area and location of nearby surface water bodies (refer to **Section 2.6**), groundwater is expected to flow in a westerly to south-westerly direction towards Prospect Creek (refer below for additional discussion of surface water bodies in the general site area).

Maps showing the geological and hydrogeological features on and around the site are provided in the Lotsearch report (**Appendix C**).



2.5 Registered Groundwater Bore Search

A search of the NSW Department of Primary Industries Office of Water database was conducted by Lotsearch on 16 March 2023. No bores are located within 500m of the site, with several boreholes located between 500m and 2km of the site. These bores are listed in the Lotsearch report as 'other, unknown' use; however, a review of the WaterNSW online database (<u>https://realtimedata.waternsw.com.au/</u>) indicates these bores appear to be monitoring wells. Details of the groundwater bore search is provided in the Lotsearch report (**Appendix C**).

2.6 Surface Water Bodies

The nearest major surface water body to the site is Prospect Creek located approximately 1.2km west of the site. Prospect Creek flows to the Georges River approximately 3km south of the site. In addition, several tributaries including an unnamed tributary to Prospect Creek and a concrete lined stormwater culvert are located between 500m and 600m north and east of the site. Based distances, the nearby surface water bodies are not considered potential receptors of site-sourced groundwater impacts (if any).

2.7 Previous Investigations

TRACE Environmental has received no records of previous investigations conducted at the site.



3 Site History & Background

Historical information was obtained for the site from several sources as presented in **Table 3-1**, below. The results of the site historical and background information are further discussed in the following sections.

Source	Location	Comments
Historical Aerial Photographs	Lotsearch Report	A summary of historical aerial photographs is provided below in Section 3.1 (Table 3-2). Aerial photographs are provided in the Lotsearch report in Appendix C .
Contaminated Land Registers	Lotsearch Report and EPA databases	The findings of the NSW EPA contaminated land records search are provided in Section 3.2 .
Planning and Zoning Information	Fairfield City Council - s10.7 Certificate (as obtained for 17 Lupin Avenue)	The s10.7 Certificate is included in Appendix D and discussed in Section 3.3 .
Current and Historical Certificates of Title (17 Lupin Avenue)	InfoTrack	Chain of title documents are included in Appendix E and discussed below in Section 3.4 .
ASS Search	Lotsearch Report	A summary of the findings of the ASS search is provided in Section 3.5 with the findings also summarised in the Lotsearch report in Appendix C .
Saline Soils	Lotsearch Report	Results discussed below in Section 3.6 with the findings also summarised in the Lotsearch report in Appendix C .
Historical Business Directories	Lotsearch Report	The results are discussed below in Section 3.7 with the findings also summarised in the Lotsearch report in Appendix C .
Heritage Database	Fairfield City Council - s10.7 Certificate Lotsearch Report	The results are discussed in Section 3.8 with the findings also summarised in the Lotsearch report in Appendix C .
Utilities	DBYD Search	The results are discussed in Section 3.9 , with plans provided in Appendix F .

Table 3-1: Historical and Background Information Search

3.1 Historical Aerial Photograph Review

Aerial imagery of the site for the years 1930, 1943, 1951, 1955/1956, 1961, 1965, 1970, 1978, 1982, 1986, 1991, 1994, 2000, 2007, 2011, 2016, 2019 and 2022 were obtained by Lotsearch. A summary of the photographs is provided in **Table 3-2**, below. Historical aerial photographs are provided in the Lotsearch report (**Appendix C**).

Table 3-2: Summary of Historical Aerial Photograph and Map Review

Aerial Photographs	Description	
1930 (Black and White)	The site appears to be predominantly vacant rural land.	
	The surrounding area consists of generally vacant/rural land, however, the current road network in the site area appears to be present as dirt roads.	
1943 (Black and White)	The site is consistent with the 1930 aerial photograph.	
	The surrounding area is generally consistent with the 1930 aerial photograph, with a low- density residential property constructed approximately 100m to the south-west of the site.	



Aerial Photographs	Description
1951 (Black and White)	The resolution of the photograph is poor and individual site features are difficult to discern. The 17 Lupin Avenue and 82 Belmore Street site parcels comprise one property which include a residential building in the central portion of this parcel, as well as a possible shed or fence at the northeast portion of the parcel. Access appears to be via driveways from Lupin Avenue and Belmore Street. A fence separates this parcel from the 15 Lupin Avenue site parcel.
	The 15 Lupin Avenue site parcel is accessed from Lupin Avenue to the west and comprises one apparent residential building (which appears to be the present-day secondary residence/granny flat) at the central-eastern portion of the parcel.
	Additional residential properties have been developed in the surrounding suburb/site area, and the local streets (including Lupin Avenue and Belmore Street) appear to have been paved.
1955/1956 (Black and White)	The northern portion of the site is generally consistent with the 1951 aerial photograph, with fences visible at the western and eastern portions of the site, and a possible shed at the south- east corner of this site parcel.
	Additional development of the 15 Lupin Avenue site parcel is visible, with the present day primary residential building visible at the western portion of the parcel and a driveway extending from Lupin Avenue. An additional small apparent shed is visible at the south-east corner of this site parcel.
	The surrounding area is generally consistent with the 1951 aerial photograph.
1961 (Black and White)	The site is generally consistent with the 1955/1956 aerial photograph, except for some additional possible structures (sheds or small outbuildings) visible in the back yard of the northern site parcel. Access to the northern site parcel appears to be via a driveway at the north-east portion of the site (from Belmore Street) with two vehicles observed at this location.
	The surrounding area is generally consistent with the 1955/1956 aerial photograph, except for additional residential properties adjoining the site to the east and to the south.
1965 (Black and White)	The site and surrounding area are generally consistent with the 1961 aerial photograph, however, the resolution of the photograph is poor and individual site features are difficult to discern. A possible garage or shed is visible at the eastern portion of the northern site parcel.
1970 (Black and White)	The site and surrounding area are generally consistent with the 1965 aerial photograph, however, the resolution of the photograph is poor and individual site features are difficult to discern.
1978 (Black and White)	The site and surrounding area are generally consistent with the 1970 aerial photograph. An additional possible garage or small residential building is visible on the property adjoining the site to the east.
1982 (Colour)	The site and surrounding area are generally consistent with the 1978 aerial photograph. Compared to previous photographs, individual features are more visible including possible sheds at the back yard of the northern site parcel, and a possible garage (or trees) are also visible at the north-eastern portion of this parcel.
1986 (Colour)	The site and surrounding area are generally consistent with the 1982 aerial photograph. Additional sheds or awnings appear to be visible at the rear of the northern site parcel, and the apparent garage or trees previously visible at the north-eastern portion of the site appears to have been removed.
1991 (Colour)	The site and surrounding area are generally consistent with the 1986 aerial photograph. The sheds/awnings previously visible at the rear of the northern site parcel appear to have been removed.
1994 (Colour)	The site and surrounding area are generally consistent with the 1991 aerial photograph. The roof of the residence at the northern site parcel appears to have been replaced (now grey; formerly orange) and another possible shed is visible in the back yard of this parcel. An additional possible awning or paved area is visible at the rear of the 15 Lupin Avenue site parcel.
2000 (Colour)	The site and surrounding area are generally consistent with the 1994 aerial photograph. Additional sheds or awnings appear to be visible in the yard of the northern site parcel. A possible awning is visible in the back yard of the 15 Lupin Avenue site parcel, and the present-day car port is visible at the south-western portion of this parcel.



Aerial Photographs	Description
2007 (Colour)	The site and surrounding area are generally consistent with the 2000 aerial photograph. All apparent sheds appear to have been removed from the northern site parcel. The layout of the 15 Lupin Avenue site parcel is generally consistent with the present-day layout, with a large awning area at the rear of the main residence.
2011 (Colour)	The northern site parcel has been redeveloped to the current site layout, with this area of the site split into the 17 Lupin Avenue site parcel (including the present-day residence and garage) and the 82 Belmore Street site parcel (including the present-day residence and garage). The 15 Lupin Avenue site parcel and surrounding area are generally consistent with the 2007 aerial photograph. Some residential properties approximately 100m north-west of the site have been redeveloped for apparent medium density residential uses.
2016 (Colour)	The site and site area are generally consistent with the 2011 aerial photograph.
2019 (Colour)	The site and site area are generally consistent with the 2016 aerial photograph.
2022 (Colour)	The site and surrounding area are generally consistent with the 2019 aerial photograph.

3.2 Contaminated Land Record Review

A search of the NSW EPA Contaminated Land Records and the list of NSW contaminated sites notified to EPA was conducted by Lotsearch on 16 March 2023, and the site was not listed as a contaminated land site.

It is noted that four properties are listed on the register at distances between approximately 600 and 900m east of the site. Most of these sites are listed as "Regulation under CLM Act not required" or "Contamination formerly regulated under the CLM Act". However, one site located at 66 Christina Road, Villawood (a former electrical component manufacturer) is listed as "Ongoing maintenance required to manage residual contamination". Based on distance and direction this property is not considered a risk for contamination for the site.

The EPA search results are provided in the Lotsearch report provided in **Appendix C**.

TRACE Environmental also conducted a search of the public register under section 308 of the NSW POEO Act 1997¹ which did not identify any licensed activities referring to the site.

3.3 Relevant Planning Information

A Planning Certificate was obtained for a representative site parcel (17 Lupin Avenue dated 14 March 2023) as issued by Fairfield City Council under Section 10.7 of the EP&A Act 1979. The following information has been provided:

- The Land Use Zone is Zone R4 High Density Residential;
- The site does not include or comprise a critical habitat, is not within a conservation area and does not contain an item of environmental heritage;
- The site has not been proclaimed to be in a Mine Subsidence District within the meaning of the *Mine Subsidence Compensation Act 2017*;

¹ <u>http://www.epa.nsw.gov.au/prpoeoapp/</u>, accessed 27 March 2023.



- The site is not affected by road widening or road realignment under an environmental planning instrument;
- The site is not within the flood planning area and is not subject to flood related development controls;
- The site is not biodiversity certified land;
- The site is not bushfire prone land;
- The site has not been affected by a policy adopted by Council that restricts the development of the land because of the likelihood of acid sulfate soils or land contamination;
- The site has not been identified in the Loose-Fill Asbestos Insulation Register within the meaning of the Home Building Act 1989, Part 8, Division 1A;
- Building in saline environments applies to the land (per Council adopted policy No 67); and
- No matters arising under the Contaminated Land Management Act 1997 apply to the land.

A review of the planning certificate indicates that the site has not been identified as significantly contaminated. A copy of the planning certificate is provided in **Appendix D**.

3.4 Current and Historical Certificate of Title

Details of current and historical Certificates of Title for a representative site parcel (17 Lupin Avenue) are provided in **Table 3-3**. A copy of the title document is provided in **Appendix E**.

Dates	Registered Proprietor(s) & Occupations	Reference to Title at Acquisition and sale
25.09.1903 (1903 to 1913)	Robert Hamilton (Gentleman) John Hamilton (Gentleman) George Lea Wilson (Gentleman)	Volume 1490 Folio 151
08.12.1913 (1913 to 1917)	George Bourne (Solicitor) Percy Lovett (Jeweller)	Volume 1490 Folio 151 Now Volume 2431 Folios 27 & 28
26.04.1917 (1917 to 1926)	John Symonds (Merchant)	Volume 2431 Folios 27 & 28 Then Volume 2760 Folio 65 Now Volume 3855 Folio 68
21.06.1926 (1926 to 1926)	John Symonds (Engineer) Thomas Kennedy (Engineer) Thomas Peters (Contractor)	Volume 3907 Folios 190 to 192
03.11.1926 (1926 to 1928)	John Symonds (Engineer) Leonard Thomas Hooper (Engineer) Thomas Peters (Contractor)	Volume 3907 Folios 190 to 192
19.06.1928	John Symonds (Engineer)	Volume 3907 Folios 190 to 192

Table 3-3: Summary of Certificates of Title – 17 Lupin Avenue Lot 1 DP1154467



(1928 to 1945)	Leonard Thomas Hooper (Engineer)	
24.08.1945 (1945 to 2011)	Housing Commission of New South Wales	Volume 3907 Folios 190 to 192 Then Volume 5884 Folio 106 Then Volume 13421 Folios 153 & 154 183/15560 & 184/15560 Now 1/1154467
17.06.2011 (2011 to date)	BlueCHP Ltd	1/1154467

The historical business directories (discussed below in **Section 3.7**) provide additional detail of historical site uses.

3.5 Acid Sulfate Soils

A review of the map provided by the Atlas of Australian Acid Sulfate Soil conducted by Lotsearch on 16 March 2023 shows the site has a low probability of occurrence for ASS. In addition, the site is not listed as a Soil Class 1, 2, 3, 4 or 5 per the local Environmental Planning Instrument.

The results of the ASS searches are provided in the Lotsearch report provided in Appendix C.

3.6 Saline Soils

Saline soils are produced when salts stored in the soil profile are mobilised by the movement of water through evaporation or accumulation. These processes can cause an increase in salt levels to the extent that vegetation and building materials such as concrete and steel are affected. Highly saline soils can be aggressive to building foundations and/or preclude the establishment of some types of vegetation. Therefore, it is important to determine the potential of saline soils at a redevelopment site.

A review of *Dryland Salinity – National Assessment* data from 2000 to 2050 (National Land Water Resources Audit) did not identify any data for the site. A review of the *Dryland Salinity Potential of Western Sydney* map (NSW Office of Environment and Heritage) indicates the site is in an area of moderate salinity potential. It is noted that no evidence of vegetation dieback, scalding or salt efflorescence was noted on-site during the site inspection conducted on 5 April 2023.

The Dryland Salinity map is provided in the Lotsearch report provided in **Appendix C**.

3.7 Historical Business Directories

A search of historical Universal Business Directories for the years 1950, 1961, 1965, 1970, 1975, 1978, 1982, 1986 and 1991 was conducted for the site by Lotsearch on 16 March 2023. No on-site historical businesses were reported. No historical businesses were identified in the immediate site area (<150m radius) as conducting activities of a potentially contaminating nature. Refer to the Lotsearch report provided in **Appendix C** for additional detail.



3.8 Heritage Database Searches

A review of available NSW and Australian Government heritage databases was conducted in March 2023 by Lotsearch and did not identify any items relating to the site.

A summary of the heritage items identified in the vicinity of the site is provided in the Lotsearch report (**Appendix C**).

3.9 Dial Before You Dig Search

A DBYD search was undertaken by TRACE Environmental in March 2023. The site is serviced by a reticulated water supply and above ground power cables. Ausgrid, Jemena Gas, Endeavour Energy, Sydney Water, NBN and Telstra provide services to the site and/or site area. Utility plans obtained by the DBYD search are provided in **Appendix F**.



4 Initial Conceptual Site Model

The environmental risk assessment is based on a contaminant (source) – exposure pathway – receptor methodology. This relationship allows an assessment of potential environmental risk to be determined, in accordance with the current national guidelines.

Central to the requirements for the assessment of risk is the development of an initial CSM, identifying each contaminant source and the associated receptor exposures.

Based on the information sourced in this PSI, a preliminary CSM has been developed and is outlined in **Table 4-1**, below.

Item	Description
Site History/Contaminant Sources	 The site was first used for residential purposes since the early 1950s and was undeveloped land prior to the current residential uses. Historical land use at nearby surrounding properties generally comprised residential since at least the early 1950s. Potential contaminant sources at the site include: Hazardous materials from the on-site structures and/or materials, including potential asbestos containing materials (ACM) and lead paint; and Potential historical importation of fill material.
Site Current and Future Use	The site is currently used for residential purposes, comprising three separate low-density residential properties. Future uses are understood to include high-density residential purposes (i.e., proposed construction of residential units and basement car parking spaces). The current site uses will likely continue until the site is redeveloped.
Site Geology	The geological unit present on the site comprises Bringelly Shale which consists of shale with carbonaceous claystone, laminate, lithic sandstone and rare coal. As noted above in Table 2-2 , during the site inspection on 5 April 2023 a separate geotechnical investigation was being undertaken (by others), with soil cuttings at one location at the back yard of the 15 Lupin Avenue site parcel showing a thin topsoil layer overlying orange-brown silty clay.
Site Hydrogeology	The aquifer on-site is a porous, extensive aquifer of low to moderate productivity. Based on the topography, groundwater is expected to flow in an west to south-westerly direction toward Prospect Creek.
COPCs – Soil	COPCs associated with fill materials, including total petroleum hydrocarbons (TPH)/total recoverable hydrocarbons (TRH), benzene, toluene, ethylbenzene and xylenes (BTEX), polycyclic aromatic hydrocarbons (PAHs), pesticides, polychlorinated biphenyls (PCBs), phenols, heavy metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel and zinc) and/or volatile organic compounds (VOCs). COPCs associated with hazardous building materials (asbestos, lead/lead paint).
COPCs – Groundwater	No potential on-site sources of groundwater contaminants were observed on the site. Therefore, it is considered unlikely that groundwater issues are present at the site.
COPCs – Soil Vapour	No potential on-site sources of volatile contaminants were observed on the site. Therefore, it is considered unlikely that vapour issues are present at the site.

Table 4-1: Preliminary Conceptual Site Model



Item	Description
Extent of Impacts - Soil	 Based on the conducted site inspection, no significant evidence of historically contaminating activities was identified on the site. However, fill material of unknown origin may have been imported to site to develop the site in its current configuration. Suspected ACM was identified in on-site structures. No ACM fragments were observed on the outdoor ground surfaces during the inspection. Based on the age of some of the on-site buildings, lead based paint may be present.
Potential Human Receptors	Current and future potential human receptors include current and future site workers, visitors, residents and construction/future maintenance workers.
Potential Environmental Receptors	The nearest surface water bodies to the site are Prospect Creek (approximately 1.2km west of the site) which flows to the Georges River approximately 3km south of the site. Several tributaries including an unnamed tributary to Prospect Creek and a concrete lined stormwater culvert are also located between 500m and 600m north and east of the site. Based distances, the nearby surface water bodies are not considered potential receptors of site-sourced groundwater impacts (if any).

Based on the findings of the historical data review, the site was first used for residential purposes since at least the early 1950s. The site was undeveloped land prior to the current residential uses. The area surrounding the site has generally comprised residential land uses since at least the 1950s, noting the area appears to have been subdivided for the current residential layout in 1945 (per the historical title search results).

No significant evidence of historically contaminating activities was identified on the site, except for possible importation of fill material to develop the site in its current layout.

Based on the age of the current on-site buildings (in particular at the 15 Lupin Avenue site parcel), potential lead-based paint, ACM and/or other hazardous building materials may be present in the on-site structures. It is noted that no paint flakes or ACM fragments were observed on the ground surfaces during the site inspection, however, full access to the back yard of the 82 Belmore Street site parcel could not be provided (this area was viewed from the neighbouring site parcels) and access could not be gained to small crawlspace areas beneath the residences at 15 Lupin Avenue. Based on current site observations, no evidence of widespread impacts, stained soils or stressed vegetation were observed at the site. In addition, in the context of the proposed site redevelopment (including construction of basement car parking), fill materials will likely require excavation and disposal as part of the future redevelopment works (refer to recommendations below for additional detail).

Considering the current and historical site use (i.e., residential), and the intended land uses associated with the proposed site development (i.e., residential apartments), the potential risk of exposure to site users and/or the environment to impacted soil and/or groundwater (if present at the site) is considered low at present. However, some potential contaminant sources (i.e., hazardous building materials in some of the on-site structures) were identified which should be considered as part of the redevelopment works and should be properly managed to minimise the potential risk of exposure to site workers/users and/or the environment (refer below for recommendations).



5 Conclusions and Recommendations

5.1 Summary and Conclusions

Based on the findings of this PSI, the following summary and conclusions are provided:

- The site and immediate surrounding site area were developed for residential purposes in the early-mid 1950s. The site was undeveloped land prior to the current residential uses;
- Some potential contaminant sources were identified at the site, including:
 - o Possible importation of fill material to develop the site in its current layout; and
 - Potential lead-based paint, ACM and/or other hazardous building materials in the on-site structures.
- No evidence of widespread impacts, such as ACM, stained soils or stressed vegetation were observed at the site during the inspection; and
- The site is located in a low to moderate sensitivity environmental setting based on the preliminary CSM and nearby land uses.

Based on the results of the PSI, there is considered to be a low potential for widespread contamination to have occurred at the site as a result of the current and historical residential land uses. In consideration of these historical site uses, the potential risk of exposure of site users and/or the environment to impacted soil and/or groundwater (if present) is considered low. The site is therefore considered suitable for the proposed residential redevelopment. However, potential hazardous building materials were identified within some of the site structures, and the recommendations (outlined below) should be considered.

5.2 Recommendations

TRACE Environmental provides the following recommendations:

- A Hazardous Materials (HAZMAT) Survey should be prepared prior to demolition or removal of any onsite structures, with any control measures outlined in the HAZMAT survey to be implemented during demolition or removal works. The removal and disposal of asbestos (if any) during future site works must be managed in accordance with the Work Health and Safety Regulation (2017) and Work Health and Safety Act (2011), the NSW codes of practice (including *How to Manage and Control Asbestos in the Workplace* and *How to Safely Remove Asbestos*) and the NSW EPA (2014) *Waste Classification Guidelines*;
- An unexpected finds protocol (UFP) should be prepared and implemented for the proposed redevelopment works to outline the procedures that should be followed in the event that signs of contamination are encountered (such as the presence of ACM in fill materials or stained soils/buried debris);
- During site redevelopment works, any excess soil that is generated during construction works that is surplus to site development requirements (including materials excavated as part of removal of any unexpected finds) will require classification in accordance with NSW EPA (2014) Waste Classification Guidelines and disposed at a facility licensed to receive the waste; and



• Any imported fill material brought onto the site for any purpose must be validated as being suitable for the intended land use.



6 References

- Acid Sulfate Soil Management Advisory Committee (ASSMAC) (1998), Acid Sulfate Soil Manual, NSW, August 1998.
- NEPC (2013), National Environment Protection (Assessment of Site Contamination) Measure (NEPM). National Environment Protection Council (NEPC) 1999, Amendment 2013.
- NSW Department of Infrastructure, Planning and Natural Resources, *Salinity Potential in Western Sydney* 2002.
- NSW Department of Urban Affairs and Planning (1998), *Managing Land Contamination: Planning Guidelines: SEPP 55 Remediation of Land*, 1998.
- NSW EPA (2014), Waste Classification Guidelines. Part 1: Classifying Waste. NSW EPA, November 2014.
- NSW EPA (2015), Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act. NSW EPA, September 2015.
- NSW EPA (2017), Guidelines for the NSW Site Auditor Scheme (3rd Edition). NSW EPA, October 2017.
- NSW EPA (2020), Consultants Reporting on Contaminated Land: Contaminated Land Guidelines. NSW EPA, Updated May 2020.
- NSW EPA (2020), Guidelines for Implementing the Protection of the Environment Operations (Underground Petroleum Storage Systems) Regulation 2019, December 2020.
- NSW EPA (2022), Contaminated Land Guidelines, Sampling Design Part 1 Application and Part 2 -Interpretation, NSW EPA, August 2022.
- NSW Government (December 2022), Code of Practice: How to Manage and Control Asbestos in the Workplace.
- NSW Government (December 2022), Code of Practice: How to Safely Remove Asbestos.
- Standards Australia (1999), Australian Standard AS 4482.2-1999 *Guide to the sampling and investigation of potentially contaminated soil. Part 2: Volatile substances.* Standards Australia, Homebush, NSW.
- Standards Australia (2005), Australian Standard AS 4482.1-2005 Guide to the investigation and sampling of sites with potentially contaminated soil. Part 1: Non-volatile and semi-volatile compounds. Standards Australia, Homebush, NSW.
- WA Department of Health (DoH) (2009), *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia.* WA DoH, May 2009. Updated August 2021.



7 Limitations

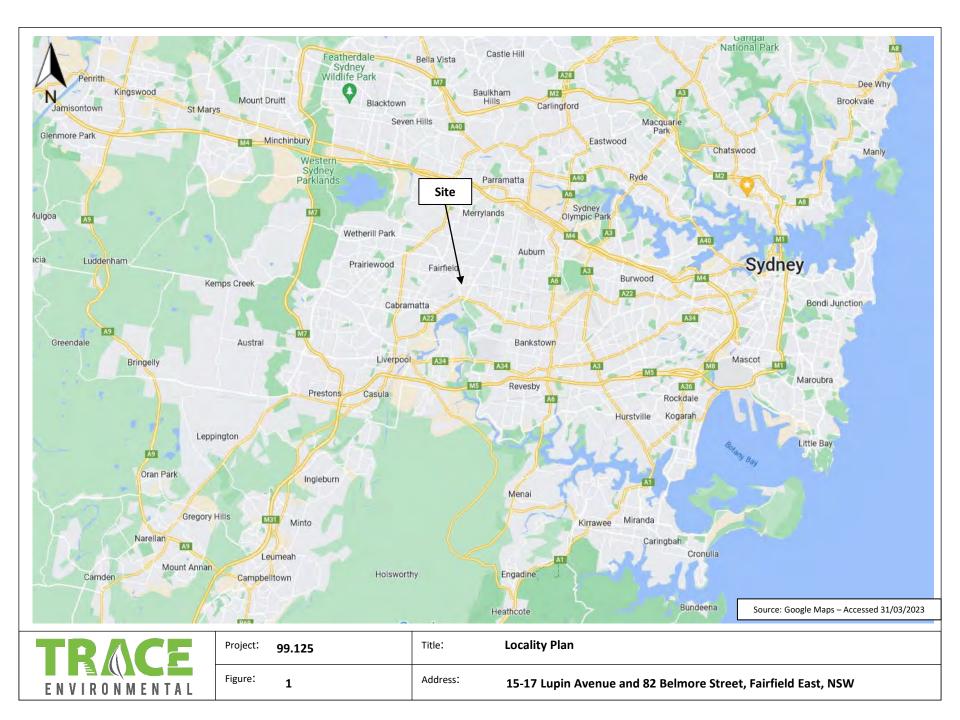
This report has been prepared for BlueCHP Ltd and for the specific purpose to which it refers. No responsibility is accepted to any third party and neither the whole of the report or any part or reference thereto may be published in any document, statement or circular nor in any communication with third parties without our prior written approval of the form and context in which it will appear.

TRACE Environmental has used a degree of skill and care ordinarily exercised by reputable members of our profession practicing in the same or similar locality. The conclusions presented in this report are relevant to the conditions of the site and the state of legislation currently enacted as at the date of this report. We do not make any representation or warranty that the conclusions in this report were applicable in the future as there may be changes in the condition of the site, applicable legislation or other factors that would affect the conclusions contained in this report.

This report and the information contained in it is the intellectual property of TRACE Environmental. BlueCHP Ltd is granted an exclusive licence for the use of the report for the purpose described in the report.



Figures





	Project:	99.125	Title:	Site Plan and Features
	Figure:	2	Address:	15-17 Lupin Avenue and 82 Belmore Street, Fairfield East, NSW

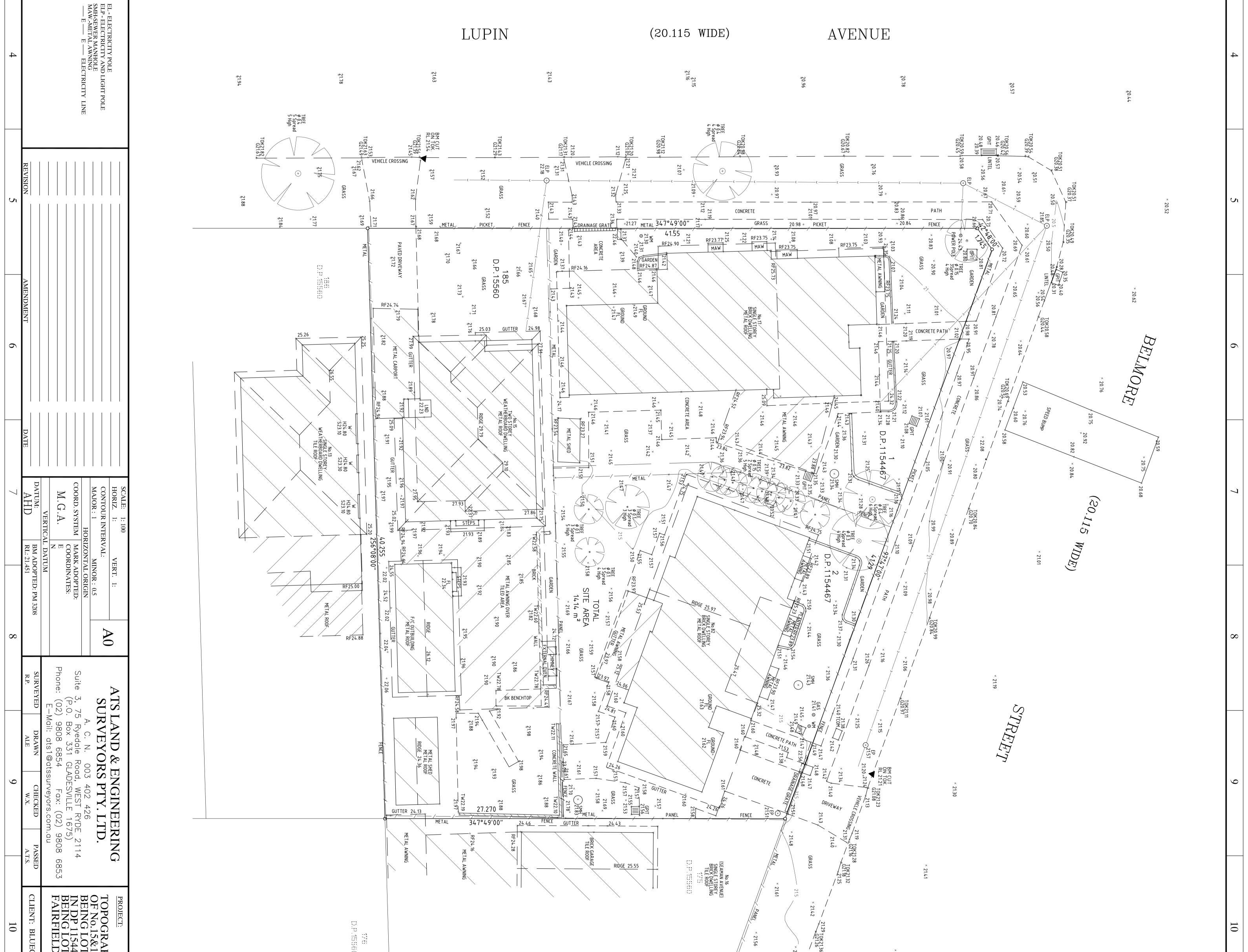
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Appendix A

Site Survey

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1	IMPORTANT NOTE: This plan is prepared from a combination of field designing new constructions on the land and shoul The title boundaries shown hereon were not mark determined by plan dimensions only and not by fie Services shown hereon have been located where p If not able to be so located, known services have b where available and have been noted accordingly of Where such records either do not exist or are cons Prior to any demolition, excavation or construction possible location of further underground services. This note is an integral part of this plan.						1
2	eld survey and existing records for the purpose of nould not be used for any other purpose. narked by the author at the time of survey and have been y field measurement. re possible by field survey. we been plotted from the records of relevant authorities gly on this plan. considered inadequate, a notation has been made hereon. ction on the site, the relevant authority should be contacted for ces and detailed locations of all services.						2
3	<u>LEGEND</u> : BM-BENCH MARK RL REDUCED LEVEL FL FLOOR LEVEL G BOTTOM OF KERB TOKTOP OF KERB FH FIRE HYDRANT WMWATER METER Ø -DIAMETER OF TRUNK WWINDOW RF ROOF TW - TOP OF WALL F/C - FIBROUS CEMENT LND - LANDING						ω
		-					



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	M.G. A.					
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Appendix B Site

Photographs





Photograph 1: View of the front yard of the residence at the 15 Lupin Avenue site parcel (facing east).

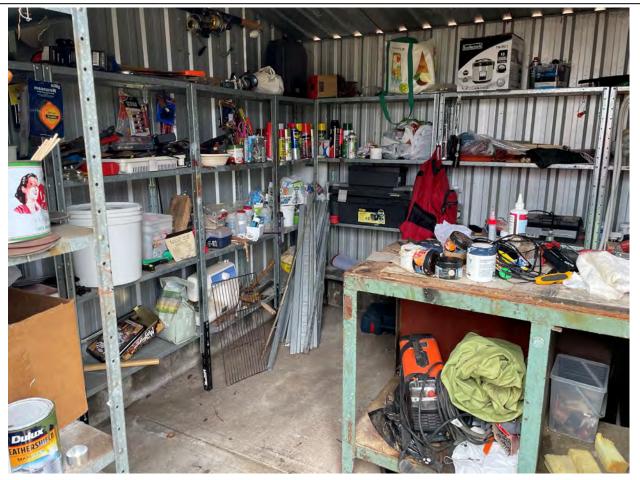


Photograph 2: View of the secondary residence (denoted by the red arrow) at the 15 Lupin Avenue site parcel (facing east), with the southern site boundary to the right of the photograph.





Photograph 3: View of the back yard of the residence at the 15 Lupin Avenue site parcel (facing west) showing a metal shed (to the left of the photograph), the secondary residence, a covered patio area and the primary residence (in the background).

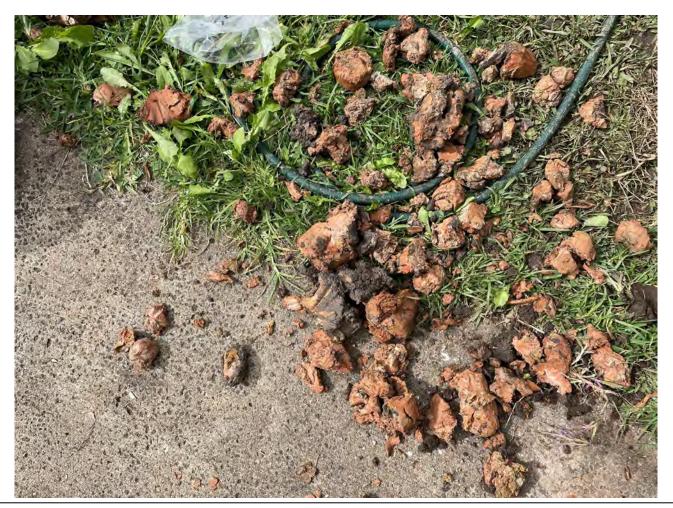


Photograph 4: View of interior of the shed at the 15 Lupin Avenue site parcel containing household items and chemicals.





Photograph 5: View of the back yard of the residence at 15 Lupin Avenue (facing north-east) with the 82 Belmore Street site parcel residence visible at the left of the photograph.



Photograph 6: View of soil cuttings from geotechnical augering works being conducted at the 15 Lupin Avenue site parcel during the site inspection.





Photograph 7: View of the garage of the residence at 17 Lupin Avenue (facing east) with the 15 Lupin Avenue site parcel residence visible at the right of the photograph.

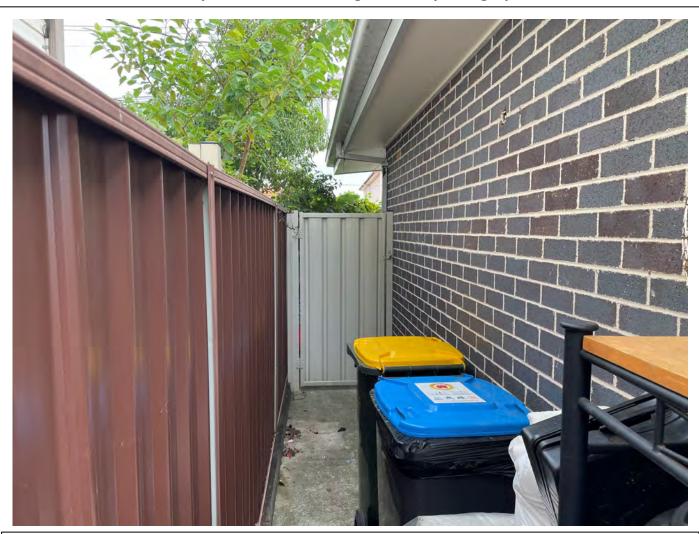


Photograph 8: View of the front yard of the residence at 17 Lupin Avenue site parcel as visible from Belmore Street (facing west).





Photograph 9: View of the western portion of the 17 Lupin Avenue site parcel (facing south) and Lupin Avenue to the right of the photograph.



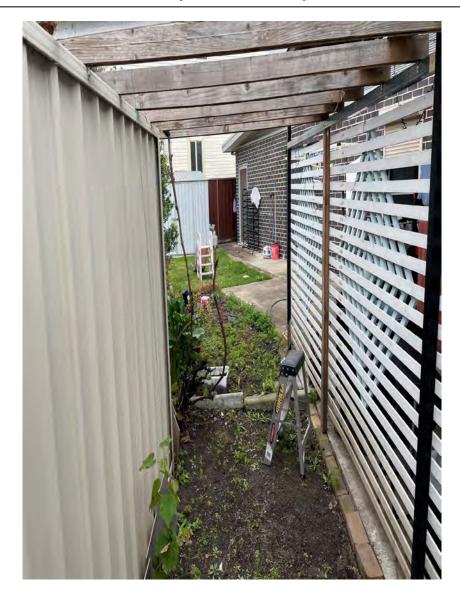
Photograph 10: View of the southern portion of the 17 Lupin Avenue site parcel (facing west) with the 15 Lupin Avenue site parcel to the left of the photograph.

Photographic Log Preliminary Site Investigation 15-17 Lupin Avenue and 82 Belmore Street, Fairfield East, NSW Photographs taken 5 April 2023





Photograph 11: View of the back yard of the 17 Lupin Avenue site parcel (facing south) showing a metal shed and the 15 Lupin Avenue site parcel residence visible at the rear of the photograph.



Photograph 12: View of the back yard of the 17 Lupin Avenue site parcel (facing south).

Photographic Log Preliminary Site Investigation 15-17 Lupin Avenue and 82 Belmore Street, Fairfield East, NSW Photographs taken 5 April 2023





Photograph 13: View of the front yard of the 82 Belmore Street parcel (facing east).



Photograph 14: View of western yard of the 82 Belmore Street site parcel (facing south) with the 17 Lupin Avenue parcel to the right of the photograph.

Photographic Log Preliminary Site Investigation 15-17 Lupin Avenue and 82 Belmore Street, Fairfield East, NSW Photographs taken 5 April 2023



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Photograph 15: View of the back yard of the 82 Belmore Street parcel (facing south-east).



Photograph 16: View of the back yard of the 82 Belmore Street parcel (facing west).



Appendix C

Lotsearch Report



Date: 16 Mar 2023 14:38:38 Reference: LS041546 EP Address: 15-17 Lupin Avenue, Fairfield East, NSW 2165

Disclaimer:

The purpose of this report is to provide an overview of some of the site history, environmental risk and planning information available, affecting an individual address or geographical area in which the property is located. It is not a substitute for an on-site inspection or review of other available reports and records. It is not intended to be, and should not be taken to be, a rating or assessment of the desirability or market value of the property or its features. You should obtain independent advice before you make any decision based on the information within the report. The detailed terms applicable to use of this report are set out at the end of this report.

Dataset Listing

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

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	NSW Department of Customer Service - Spatial Services	14/02/2023	14/02/2023	Quarterly	-	-	-	-
Topographic Data	NSW Department of Customer Service - Spatial Services	22/08/2022	22/08/2022	Annually	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority	13/02/2023	10/01/2023	Monthly	1000m	0	0	4
Contaminated Land Records of Notice	Environment Protection Authority	27/02/2023	27/02/2023	Monthly	1000m	0	0	4
Former Gasworks	Environment Protection Authority	06/12/2022	14/07/2021	Quarterly	1000m	0	0	0
National Waste Management Facilities Database	Geoscience Australia	26/05/2022	07/03/2017	Annually	1000m	0	0	2
National Liquid Fuel Facilities	Geoscience Australia	23/08/2022	13/07/2012	Annually	1000m	0	0	1
EPA PFAS Investigation Program	Environment Protection Authority	13/02/2023	23/09/2022	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Investigation Sites	Department of Defence	14/02/2023	14/02/2023	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Management Sites	Department of Defence	14/02/2023	14/02/2023	Monthly	2000m	0	0	0
Airservices Australia National PFAS Management Program	Airservices Australia	13/02/2023	13/02/2023	Monthly	2000m	0	0	0
Defence 3 Year Regional Contamination Investigation Program	Department of Defence	02/09/2022	02/09/2022	Quarterly	2000m	0	0	0
EPA Other Sites with Contamination Issues	Environment Protection Authority	16/02/2022	13/12/2018	Annually	1000m	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority	27/02/2023	27/02/2023	Monthly	1000m	0	0	8
Delicensed POEO Activities still regulated by the EPA	Environment Protection Authority	27/02/2023	27/02/2023	Monthly	1000m	0	0	2
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority	27/02/2023	27/02/2023	Monthly	1000m	0	0	14
UBD Business Directories (Premise & Intersection Matches)	Hardie Grant			Not required	150m	0	5	5
UBD Business Directories (Road & Area Matches)	Hardie Grant			Not required	150m	-	0	9
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	500m	0	0	26
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	500m	-	0	58
Points of Interest	NSW Department of Customer Service - Spatial Services	19/10/2022	19/10/2022	Quarterly	1000m	0	0	34
Tanks (Areas)	NSW Department of Customer Service - Spatial Services	19/10/2022	19/10/2022	Quarterly	1000m	0	0	0
Tanks (Points)	NSW Department of Customer Service - Spatial Services	19/10/2022	19/10/2022	Quarterly	1000m	0	0	0
Major Easements	NSW Department of Customer Service - Spatial Services	16/02/2023	16/02/2023	Quarterly	1000m	0	0	7
State Forest	Forestry Corporation of NSW	16/08/2022	14/08/2022	Annually	1000m	0	0	0
NSW National Parks and Wildlife Service Reserves	NSW Office of Environment & Heritage	16/02/2023	31/12/2022	Annually	1000m	0	0	0
Hydrogeology Map of Australia	Commonwealth of Australia (Geoscience Australia)	29/08/2022	19/08/2019	Annually	1000m	1	1	1
Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018	NSW Department of Planning, Industry and Environment	28/03/2022	23/02/2018	Annually	1000m	0	0	0
National Groundwater Information System (NGIS) Boreholes	Bureau of Meteorology; Water NSW	14/02/2023	14/02/2023	Annually	2000m	0	0	57

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
NSW Seamless Geology Single Layer: Rock Units	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	1	1	7
NSW Seamless Geology – Single Layer: Trendlines	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	0	0	0
NSW Seamless Geology – Single Layer: Geological Boundaries and Faults	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	0	0	0
Naturally Occurring Asbestos Potential	NSW Dept. of Industry, Resources & Energy	04/12/2015	24/09/2015	Unknown	1000m	0	0	0
Atlas of Australian Soils	Australian Bureau of Agriculture and Resource Economics and Sciences (ABARES)	19/05/2017	17/02/2011	As required	1000m	1	1	1
Soil Landscapes of Central and Eastern NSW	NSW Department of Planning, Industry and Environment	18/08/2022	27/07/2020	Annually	1000m	1	1	4
Environmental Planning Instrument Acid Sulfate Soils	NSW Department of Planning, Industry and Environment	28/02/2023	02/12/2022	Monthly	500m	0	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	19/01/2017	21/02/2013	As required	1000m	1	1	2
Dryland Salinity - National Assessment	National Land and Water Resources Audit	18/07/2014	12/05/2013	None planned	1000m	0	0	0
Dryland Salinity Potential of Western Sydney	NSW Department of Planning, Industry and Environment	12/05/2017	01/01/2002	None planned	1000m	1	1	3
Mining Subsidence Districts	NSW Department of Customer Service - Subsidence Advisory NSW	14/02/2023	14/02/2023	Quarterly	1000m	0	0	0
Current Mining Titles	NSW Department of Industry	13/02/2023	13/02/2023	Monthly	1000m	0	0	0
Mining Title Applications	NSW Department of Industry	13/02/2023	13/02/2023	Monthly	1000m	0	0	0
Historic Mining Titles	NSW Department of Industry	13/02/2023	13/02/2023	Monthly	1000m	12	12	12
Environmental Planning Instrument SEPP State Significant Precincts	NSW Department of Planning, Industry and Environment	15/11/2021	07/12/2018	Monthly	1000m	0	0	0
Environmental Planning Instrument Land Zoning	NSW Department of Planning, Industry and Environment	15/12/2022	02/12/2022	Monthly	1000m	1	1	51
Commonwealth Heritage List	Australian Government Department of the Agriculture, Water and the Environment	03/06/2022	13/04/2022	Annually	1000m	0	0	0
National Heritage List	Australian Government Department of the Agriculture, Water and the Environment	03/06/2022	13/04/2022	Annually	1000m	0	0	0
State Heritage Register - Curtilages	NSW Department of Planning, Industry and Environment	18/10/2022	01/07/2022	Quarterly	1000m	0	0	0
Environmental Planning Instrument Local Heritage	NSW Department of Planning, Industry and Environment	28/02/2023	17/02/2023	Monthly	1000m	0	0	5
Bush Fire Prone Land	NSW Rural Fire Service	27/02/2023	25/10/2022	Weekly	1000m	0	0	0
Native Vegetation of the Sydney Metropolitan Area	NSW Office of Environment & Heritage	01/03/2017	16/12/2016	Annually	1000m	0	0	15
Ramsar Wetlands of Australia	Australian Government Department of Agriculture, Water and the Environment	28/03/2022	19/03/2020	Annually	1000m	0	0	0
Groundwater Dependent Ecosystems	Bureau of Meteorology	28/10/2022	26/10/2022	Annually	1000m	0	0	0
Inflow Dependent Ecosystems Likelihood	Bureau of Meteorology	28/10/2022	26/10/2022	Annually	1000m	0	0	0
NSW BioNet Species Sightings	NSW Office of Environment & Heritage	27/02/2023	27/02/2023	Weekly	10000m	-	-	-

Site Diagram





Contaminated Land







Contaminated Land

15-17 Lupin Avenue, Fairfield East, NSW 2165

List of NSW contaminated sites notified to EPA

Records from the NSW EPA Contaminated Land list within the dataset buffer:

Map Id	Site	Address	Suburb	Activity	Management Class	Status	Location Confidence	Dist	Direction
1368	Former Toll Site	110A Christina Road	Villawood	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	581m	East
13553	Ettason Villawood Site	2A Birmingham Avenue	VILLAWOOD	Chemical Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	690m	East
1364	Former Electrical Component Manufacturer	66 Christina Road	Villawood	Other Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	Current EPA List	Premise Match	769m	East
1366	Former Siemens/Wes tinghouse	49 Miowera Road	Villawood	Other Industry	Contamination formerly regulated under the CLM Act	Current EPA List	Premise Match	905m	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.	EPA site management class	Explanation
	Under assessment	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

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

Contaminated Land

15-17 Lupin Avenue, Fairfield East, NSW 2165

Contaminated Land: Records of Notice

Record of Notices within the dataset buffer:

Map Id	Name	Address	Suburb	Notices	Area No	Location Confidence	Distance	Direction
388	Former Toll Site	110A Christina ROAD	Villawood	1 former	3422	Premise Match	581m	East
386	Ettason Villawood Site	2A Birmingham Avenue	Villawood	3 former	3423	Premise Match	690m	East
320	Former Electrical Component Manufacturer	66 Christina Road	Villawood	1 current and 6 former	3227	Premise Match	769m	East
321	Former Siemens/Westing house	49 Miowera Road	Villawood	9 former	3106	Premise Match	905m	East

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

 $\ensuremath{\mathbb{C}}$ State of New South Wales through the Environment Protection Authority

Waste Management & Liquid Fuel Facilities





Waste Management & Liquid Fuel Facilities

15-17 Lupin Avenue, Fairfield East, NSW 2165

National Waste Management Site Database

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

Site Id	Owner	Name	Address	Suburb	Class	Landfill	Reprocess	Transfer	Comments	Loc Conf	Dist	Direction
309 0	TES-AMM Pty Ltd	TES-AMM New South Wales	1 Marple Avenue	Villawood	Reprocessi ng		Operational		E-waste Facility.	Premise Match	843 m	East
307 2	Sims Metal Manageme nt Limited	Sims E- Recycling	82 Marple Street	Villawood	Reprocessi ng		Operational		E-waste Facility.	Premise Match	938 m	South East

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

National Liquid Fuel Facilities

National Liquid Fuel Facilties within the dataset buffer:

Map Id	Owner	Name	Address	Suburb	Class	Operational Status	Operator	Revision Date	Loc Conf	Dist	Direction
4557	BP	BP Carrington	183 The Horsley Drive	Fairfield East	Petrol Station	Operational		25/07/2011	Premise Match	624m	West

National Liquid Fuel Facilities Data Source: Geoscience Australia

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PFAS Investigation & Management Programs

15-17 Lupin Avenue, Fairfield East, NSW 2165

EPA PFAS Investigation Program

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

Map ID	Site	Address	Loc Conf	Dist	Dir
N/A	No records in buffer				

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

Defence PFAS Investigation Program

Sites being investigated by the Department of Defence for PFAS contamination within the dataset buffer:

Map ID	Base Name	Address	Loc Conf	Dist	Dir
N/A	No records in buffer				

Defence PFAS Investigation Program Data Custodian: Department of Defence, Australian Government

Defence PFAS Management Program

Sites being managed by the Department of Defence for PFAS contamination within the dataset buffer:

Map ID	Base Name	Address	Loc Conf	Dist	Dir
N/A	No records in buffer				

Defence PFAS Management Program Data Custodian: Department of Defence, Australian Government

Airservices Australia National PFAS Management Program

Sites being investigated or managed by Airservices Australia for PFAS contamination within the dataset buffer:

Map ID	Site Name	Impacts	Loc Conf	Dist	Dir
N/A	No records in buffer				

Airservices Australia National PFAS Management Program Data Custodian: Airservices Australia

Defence Sites

15-17 Lupin Avenue, Fairfield East, NSW 2165

Defence 3 Year Regional Contamination Investigation Program

Sites which have been assessed as part of the Defence 3 Year Regional Contamination Investigation Program within the dataset buffer:

Property ID	Base Name	Address	Known Contamination	Loc Conf	Dist	Dir
N/A	No records in buffer					

Defence 3 Year Regional Contamination Investigation Program, Data Custodian: Department of Defence, Australian Government

EPA Other Sites with Contamination Issues

15-17 Lupin Avenue, Fairfield East, NSW 2165

EPA Other Sites with Contamination Issues

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

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

Sites within the dataset buffer:

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

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

Current EPA Licensed Activities





EPA Activities

15-17 Lupin Avenue, Fairfield East, NSW 2165

Licensed Activities under the POEO Act 1997

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

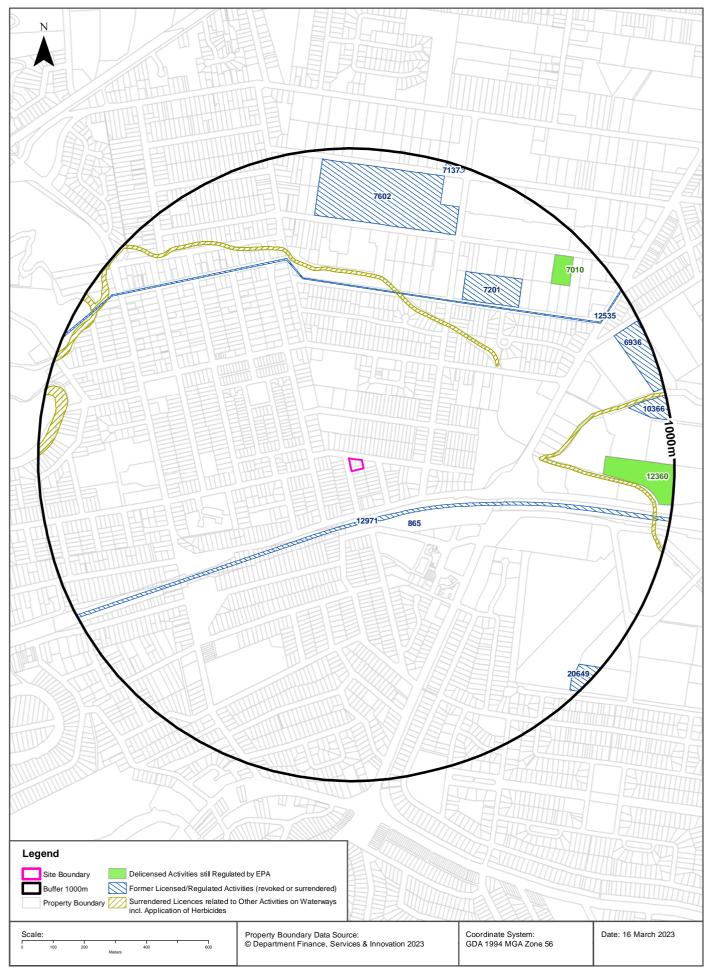
EPL	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
3142	AUSTRALIAN RAIL TRACK CORPORATION LIMITED		AUSTRALIAN RAIL TRACK CORPORATION (ARTC) NETWORK, SYDNEY, NSW 2001		Railway systems activities	Network of Features	163m	South East
12208	SYDNEY TRAINS		SYDNEY TRAINS, HAYMARKET, NSW 1238		Railway systems activities	Network of Features	163m	South East
11533	ASTOR ELECTROPLATER S (AUST) PTY LIMITED	Astor Metal Finishes	93 - 95 Malta Street	FAIRFIELD EAST	Metal waste generation	Premise Match	559m	North
2096	COLGATE- PALMOLIVE PTY LTD	COLGATE- PALMOLIVE PTY LTD	50 MARPLE AVE	VILLAWOOD	Chemical production waste generation	Premise Match	604m	South East
2096	COLGATE- PALMOLIVE PTY LTD	COLGATE- PALMOLIVE PTY LTD	50 MARPLE AVE	VILLAWOOD	Soap and detergents production	Premise Match	604m	South East
20184	TES-AMM AUSTRALIA PTY LTD	TES-AMM AUSTRALIA	1 MARPLE AVENUE	VILLAWOOD	Waste storage - hazardous, restricted solid, liquid, clinical and related waste and asbestos waste	Premise Match	843m	East
20184	TES-AMM AUSTRALIA PTY LTD	TES-AMM AUSTRALIA	1 MARPLE AVENUE	VILLAWOOD	Non-thermal treatment of hazardous and other waste	Premise Match	843m	East
20646	Faralga Pty Limited		87-91 Lisbon Street, FAIRFIELD EAST, NSW 2165		Recovery of general waste; Waste storage - other types of waste	Premise Match	964m	North

POEO Licence Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

Delicensed & Former Licensed EPA Activities





EPA Activities

15-17 Lupin Avenue, Fairfield East, NSW 2165

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
12360	GOODRICH AEROSPACE PTY LTD	Goodrich Aerospace Pty Ltd	3/66 Christina Road	VILLAWOOD	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	769m	East
7010	WADEPACK PTY LTD	WADEPACK PTY LTD	4 SEVILLE ST	VILLAWOOD	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	833m	North East

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	Network of Features	163m	South East
865	BORAL CEMENT LIMITED	RAILWAY SIDING , VILLAWOOD, NSW 2163	Surrendered	08/08/2000	Cement or lime handling	Premise Match	223m	South East
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered	06/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	507m	North
4838	Robert Orchard	Various Waterways throughout New South Wales - SYDNEY NSW 2000	Surrendered	07/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	507m	North
5150	FAIRFIELD CITY COUNCIL	WATERWAYS OF FAIRFIELD CITY COUNCIL - FAIRFIELD NSW 2165	Surrendered	17/08/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	507m	North West
6630	SYDNEY WEED & PEST MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW - PROSPECT, NSW, 2148	Surrendered	09/11/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	507m	North
12535	CPB CONTRACTORS PTY LIMITED	LIVERPOOL- ASHFIELD PIPELINE LOCATED ALONG VARIOUS STREETS FROM LIVERPOOL TO, ASHFIELD, NSW, 2131	Surrendered	25/09/2006	Sewage treatment processing by small plants	Premise Match	549m	North
7498	BANKSTOWN CITY COUNCIL	-, Waterways throughout Bankstown City Council, BANKSTOWN	Surrendered	07/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	567m	East
7201	STERIC PTY LIMITED	33-61 MALTA ST, VILLAWOOD, NSW 2163	Surrendered	01/09/2000	Hazardous, Industrial or Group A Waste Generation or Storage; Soap and detergents production	Premise Match	610m	North East

Licence No	Organisation	Location	Status	Issued Date	Activity	Loc Conf	Distance	Direction
7602	SPICER AXLE AUSTRALIA PTY LTD	58 LISBON STREET, FAIRFIELD, NSW 2165	Surrendered	16/01/2001	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	761m	North
10366	JERIAN PTY LIMITED	2/2B Birmingham Ave, VILLAWOOD, NSW 2163	Surrendered	14/12/1999	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	874m	East
6936	ATMR SERVICES PTY LTD	49-59 MIOWERA ROAD, VILLAWOOD, NSW 2163	Surrendered	11/08/2000	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	905m	East
20649	SIMS E- RECYCLING PTY LIMITED	, 90 MARPLE AVENUE, VILLAWOOD, NSW 2163,	Surrendered	22/07/2016	Recovery of general waste; Waste storage - hazardous, restricted solid, liquid, clinical and related waste and asbestos waste; Waste storage - other types of waste	Premise Match	938m	South East
7137	PROQUALIX PTY LIMITED (RECEIVERS AND MANAGERS APPOINTED)	59 LISBON STREET, FAIRFIELD, NSW 2165	Surrendered	07/09/2000	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	973m	North

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

Historical Business Directories





Historical Business Directories

15-17 Lupin Avenue, Fairfield East, NSW 2165

Business Directory Records 1950-1991 Premise or Road Intersection Matches

Universal Business Directory records from years 1991, 1986, 1982, 1978, 1975, 1970, 1965, 1961 & 1950, mapped to a premise or road intersection within the dataset buffer:

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
1	ACCOUNTANTS & AUDITORS (A040)	Lee, A.J., 12 Seaman Ave., Villawood	258980	1970	Premise Match	12m	South East
2	MIXED BUSINESSES. (M4060)	Kotsapas, S. & N., 76 Bligh St., Fairfield. 2165.	53203	1982	Premise Match	75m	North
	MIXED BUSINESSES.	Kotsapas. S. & N., 76 Bligh St., Fairfield. 2165	46851	1978	Premise Match	75m	North
3	ACCOUNTANTS & AUDITORS.	Malafieu, R. H. & C., 78 Bligh St., Fairfield. 2165	558	1978	Premise Match	75m	North
4	PLUMBERS, GASFITTERS/DRAINLAYERS	Ridge, R., 88 Bligh St., Fairfield East	360727	1961	Premise Match	76m	North West

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Business Directory Records 1950-1991 Road or Area Matches

Universal Business Directory records from years 1991, 1986, 1982, 1978, 1975, 1970, 1965, 1961 & 1950, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
5	BUTCHERS-RETAIL	Bierling, Z., 65 Normandy St., Fairfield 2165	10061	1975	Road Match	111m
	MIXED BUSINESSES.	Court, E. C. & J. A., 67 Normandy St., Fairfield. 2165	54696	1975	Road Match	111m
	MIXED BUSINESSES.	Forrester, E. & F., 73 Normandy St., Fairfield. 2165	54855	1975	Road Match	111m
	BUTCHERS-RETAIL (B860)	Bierling, Z., 65 Normandy St., Fairfield	273201	1970	Road Match	111m
	MIXED BUSINESSES (M408)	Court, E. C. & J. A., 67 Normandy St., Fairfield	332389	1970	Road Match	111m
	MIXED BUSINESSES (M408)	Forrester, E. & F., 73 Normandy St., Fairfield	332642	1970	Road Match	111m
	Butchers - Retail	Bierling, Z., 65 Normandy St., Fairfield	57910	1965	Road Match	111m
	Mixed Businesses	Court, E. C. & J. A., 67 Normandy St., Fairfield	117008	1965	Road Match	111m
	Mixed Businesses	Forrester, E. & F., 73 Normandy St., Fairfield	117296	1965	Road Match	111m

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Dry Cleaners, Motor Garages & Service Stations





Historical Business Directories

15-17 Lupin Avenue, Fairfield East, NSW 2165

Dry Cleaners, Motor Garages & Service Stations 1948-1993 Premise or Road Intersection Matches

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

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

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
1	Motor Garages & Service Stations	Sydney Truck Repairs Pty Ltd, 16 Tangerine St., Villawood 2163	53938	1991	Premise Match	411m	North East
	MOTOR GARAGES & SERVICE STATIONS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St., Villawood. 2163	18306	1990	Premise Match	411m	North East
	MOTOR GARAGE & SERVICE STATIONS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St., Villawood. 2163	5632	1989	Premise Match	411m	North East
	MOTOR GARAGES & SERVICE STATIONS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St., Villawood. 2163	60036	1988	Premise Match	411m	North East
	MOTOR GARAGES & SERVICE STATIONS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St., Villawood. 2163	65545	1986	Premise Match	411m	North East
	MOTOR GARAGES & SERVICE STATIONS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St., Villawood. 2163	45666	1985	Premise Match	411m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St., Villawood. 2163	34225	1984	Premise Match	411m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St., Villawood 2163	21675	1983	Premise Match	411m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St., Villawood. 2163.	57668	1982	Premise Match	411m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St., Villawood 2163	8259	1981	Premise Match	411m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St., Villawood. 2163	58941	1980	Premise Match	411m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St., Villawood. 2163.	46444	1979	Premise Match	411m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St., Villawood. 2163	50924	1978	Premise Match	411m	North East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St., Villawood 2163	34993	1976	Premise Match	411m	North East
	MOTOR GARAGES &/OR ENGINEERS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St., Villawood. 2163	59614	1975	Premise Match	411m	North East
	MOTOR GARAGES &/OR ENGINEERS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St Villawood	13177	1972	Premise Match	411m	North East
	MOTOR GARAGES &/OR ENGINEERS.	Sydney Truck Repairs Pty. Ltd., 16 Tangerine St Villawood	62830	1971	Premise Match	411m	North East
2	DRY CLEANERS & PRESSERS.	Stardust Dry Cleaners, 37 Villawood Pl., Villawood. 2163	53301	1988	Premise Match	414m	South East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
2	DRY CLEANERS & PRESSERS.	Stardust Dry Cleaners, 37 Villawood Pl., Villawood. 2163	25531	1986	Premise Match	414m	South East
	DRY CLEANERS & PRESSERS.	Stardust Dry Cleaners, 37 Villawood PI., Villawood. 2163	38808	1985	Premise Match	414m	South East
	DRY CLEANERS & PRESSERS.	Beehive Dry Cleaners, 37 Villawood Pl., Villawood. 2163	21895	1984	Premise Match	414m	South East
	DRY CLEANERS & PRESSERS.	Beehive Dry Cleaners., 37 Villawood Pl., Villawood 2163	8483	1983	Premise Match	414m	South East
	DRY CLEANERS & PRESSERS.(D8500)	Beehive Dry Cleaners, 37 Villawood Pl., Villawood. 2163.	23763	1982	Premise Match	414m	South East
	DRY CLEANERS & PRESSERS.	Beehive Dry Cleaners., 37 Villawood Pl., Villawood. 2163	63248	1981	Premise Match	414m	South East
	DRY CLEANERS, PRESSERS &/OR DYERS.	Beehive Dry Cleaners., 37 Villawood Pl., Villawood. 2163	46680	1980	Premise Match	414m	South East
	DRY CLEANERS, PRESSERS &/OR DYERS.	Beehive Dry Cleaners., 37 Villawood Pl., Villawood. 2163.	35279	1979	Premise Match	414m	South East

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Dry Cleaners, Motor Garages & Service Stations 1948-1993 Road or Area Matches

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

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

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
3	DRY CLEANERS, PRESSERS &/OR DYERS.	Pride Dry Cleaners., 25 Villawood Shopping Centre Villawood	7202	1972	Road Match	348m
	DRY CLEANERS, PRESSERS &/OR DYERS	Pride Dry Cleaners., 25 Villawood Shopping Centre Villawood	51276	1971	Road Match	348m
	DRY CLEANERS,PRESSERS/DY ERS (D710)	Pride Dry Cleaners., 25 Villawood Shopping Centre., Villawood	292464	1970	Road Match	348m
	DRY CLEANERS, PRESSERS/ DYERS	Pride Dry Cleaners., 25 Villawood Shopping Centre Villawood	37274	1969	Road Match	348m
	DRY CLEANERS, PRESSERS/DYERS	Pride Dry Cleaners., 25 Villawood Shopping Centre Villawood	20733	1968	Road Match	348m
	DRY CLEANERS, PRESSERS/ DYERS	Pride Dry Cleaners., 25 Villawood Shopping Centre Villawood	6290	1967	Road Match	348m
	DRY CLEANERS, PRESSERS/ DYERS	Pride Dry Cleaners., 25 Villawood Shopping Centre Villawood	55337	1966	Road Match	348m
	Dry Cleaners, Pressers/Dyers	Pride Dry Cleaners, Shopping Centre, Villawood	76298	1965	Road Match	348m
4	MOTOR GARAGES & SERVICE STATIONS.	Solo Villawood Self Serve, Woodville Rd., Villawood. 2163	25463	1993	Road Match	407m
	Motor Garages & Service Stations	Solo Villawood Self Serve, Woodville Rd., Villawood 2163	53909	1991	Road Match	407m
	MOTOR GARAGES & SERVICE STATIONS.	Solo Villawood Self Serve, Woodville Rd., Villawood. 2163	12167	1990	Road Match	407m
	MOTOR GARAGE & SERVICE STATIONS.	BP Ajax, Woodville Rd., Villawood. 2163	64515	1989	Road Match	407m
	MOTOR GARAGE & SERVICE STATIONS.	Solo Villawood Self Serve, Woodville Rd., Villawood. 2163	5587	1989	Road Match	407m
	MOTOR GARAGES & SERVICE STATIONS.	BP Ajax, Woodville Rd., Villawood. 2163	53625	1988	Road Match	407m
	MOTOR GARAGES & SERVICE STATIONS.	Solo Villawood Self Serve, Woodville Rd., Villawood. 2163	59978	1988	Road Match	407m
	MOTOR GARAGES & SERVICE STATIONS.	Solo Villawood Self Serve, Woodville Rd., Villawood. 2163	65479	1986	Road Match	407m
	MOTOR GARAGES & SERVICE STATIONS.	Solo Villawood Self Serve, Woodville Rd., Villawood. 2163	45588	1985	Road Match	407m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Solo Villawood Self Serve, Woodville Rd., Villawood. 2163	34151	1984	Road Match	407m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Solo Villawood Self Serve., Woodville Rd., Villawood 2163	21602	1983	Road Match	407m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Solo Villawood Self Serve, Woodville Rd., Villawood. 2163.	57593	1982	Road Match	407m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Solo Villawood Self Serve., Woodville Rd., Villawood 2163	8183	1981	Road Match	407m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Solo Self Serve., Woodville Rd., Villawood. 2163	58858	1980	Road Match	407m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Solo Self Serve., Woodville Rd., Villawood. 2163.	46355	1979	Road Match	407m

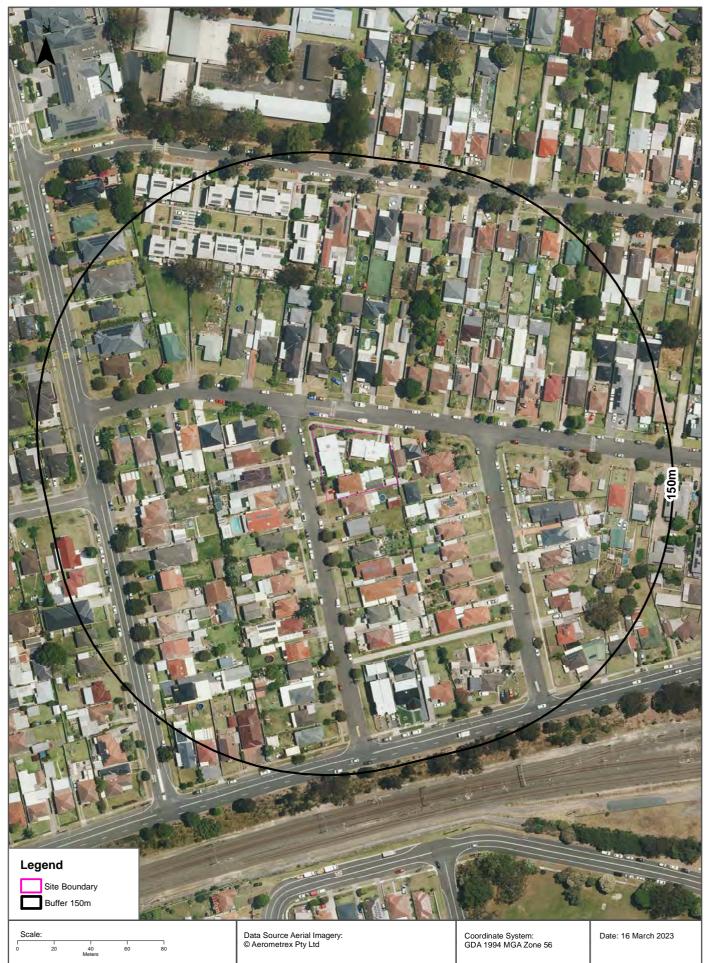
Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
4	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Total Service Station, Woodville Rd., Villawood. 2163	50984	1978	Road Match	407m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	BP Woodville., Woodville Rd., Villawood 2163	25369	1976	Road Match	407m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Total Service Station., Woodville Rd., Villawood 2163	35074	1976	Road Match	407m
	MOTOR GARAGES &/OR ENGINEERS.	BP Ajax Service Station., Woodville Rd., Villawood. 2163	58390	1975	Road Match	407m
	MOTOR GARAGES &/OR ENGINEERS.	BP Woodville., Woodville Rd., Villawood. 2163	58565	1975	Road Match	407m
	MOTOR SERVICE STATIONS - PETROL, OIL	Total Service Station., Woodville Rd., Villawood. 2163	61995	1975	Road Match	407m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Total Service Station., Woodville Rd Villawood	18241	1972	Road Match	407m
	MOTOR GARAGES &/OR ENGINEERS.	Villawood Auto Port., Woodville Rd Villawood	13178	1972	Road Match	407m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Total Service Station., Woodville Rd Villawood	2658	1971	Road Match	407m
	MOTOR GARAGES &/OR ENGINEERS.	Villawood Auto Port., Woodville Rd Villawood	62831	1971	Road Match	407m
	MOTOR SERVICE STATIONS-PETROL,OIL,Etc.	Total Service Station., Woodville Rd., VILLAWOOD	341583	1970	Road Match	407m
	MOTOR GARAGES & ENGINEERS(M6S6)	Villawood Auto Port., Woodville Rd., VILLAWOOD	338824	1970	Road Match	407m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Total Service Station., Woodville Rd Villawood	50827	1969	Road Match	407m
	MOTOR GARAGES & ENGINEERS.	Villawood Auto Port., Woodville Rd Villawood	47278	1969	Road Match	407m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Total Service Station., Woodville Rd., Villawood	36915	1968	Road Match	407m
	MOTOR GARAGES & ENGINEERS	Villawood Auto Port., Woodville Rd Villawood	30705	1968	Road Match	407m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Total Service Station., Woodville Rd Villawood	20379	1967	Road Match	407m
	MOTOR GARAGES & ENGINEERS.	Villawood Auto Port., Woodville Rd Villawood	11127	1967	Road Match	407m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Total Service Station., Woodville Rd., Villawood	1880	1966	Road Match	407m
	MOTOR GARAGES & ENGINEERS.	Villawood Auto Port., Woodville Rd Villawood	60853	1966	Road Match	407m
	Motor Garages & Engineers	Ajax Service Station, Woodville Rd. Villawood	123483	1965	Road Match	407m
	Motor Service Stations - Petrol, Oil, Etc.	Total Service Station, Woodville Rd. Villawood	126217	1965	Road Match	407m
	Motor Garages & Engineers	Villawood Auto Port, Woodville Rd. Villawood	123486	1965	Road Match	407m
	MOTOR GARAGES & ENGINEERS	Ajax Service Station., Woodville Rd Villawood	48758	1964	Road Match	407m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Total Service Station., Woodville Rd Villawood	52474	1964	Road Match	407m
	MOTOR GARAGES & ENGINEERS	Villawood Auto Port., Woodville Rd Villawood	48761	1964	Road Match	407m
	MOTOR GARAGES & ENGINEERS.	Ajax Service Station., Woodville Rd Villawood	33547	1962	Road Match	407m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Ajax Service Station., Woodville Rd Villawood	42847	1962	Road Match	407m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Total Service Station., Woodville Rd Villawood	42850	1962	Road Match	407m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
4	MOTOR GARAGES & ENGINEERS.	Villawood Auto Port., Woodville Rd Villawood	33551	1962	Road Match	407m
	MOTOR GARAGES & ENGINEERS	Ajax Service Station, Woodville Rd. VILLAWOOD	346482	1961	Road Match	407m
	MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Ajax Service Station, Woodville Rd. VILLAWOOD	350296	1961	Road Match	407m
	MOTOR GARAGES & ENGINEERS	Villawood Auto Port, Woodville Rd. VILLAWOOD	348367	1961	Road Match	407m
	MOTOR GARAGES & ENGINEERS.	Villawood Auto Port., Woodville Rd Villawood	20064	1959	Road Match	407m
	MOTOR GARAGE/ENGINEERS.	Villawood Auto Port., Woodville Rd Villawood	9216	1958	Road Match	407m

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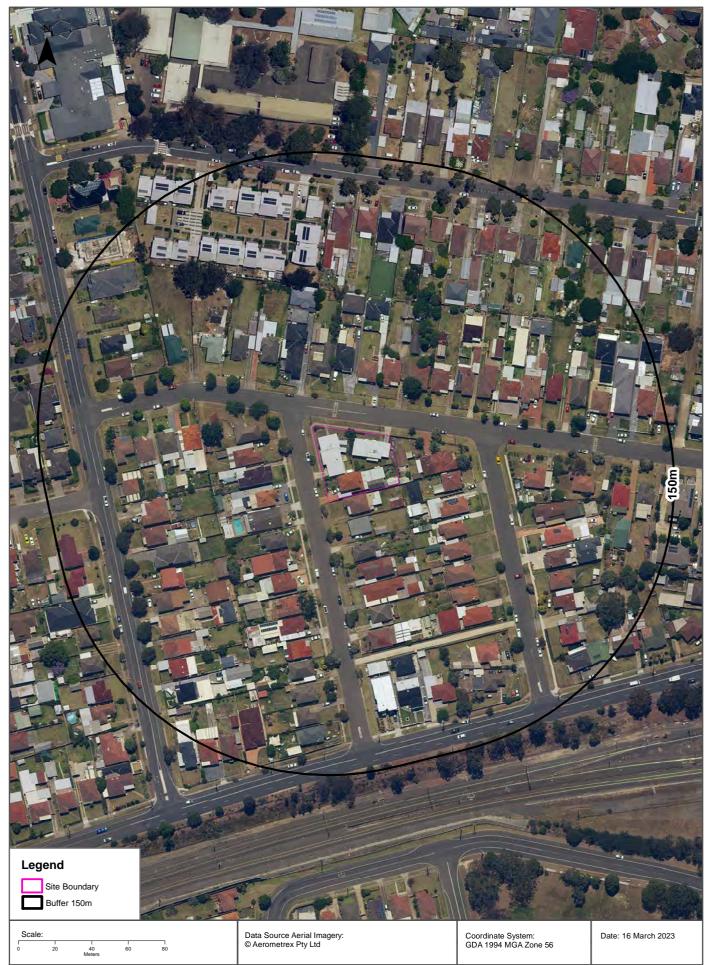
Aerial Imagery 2022





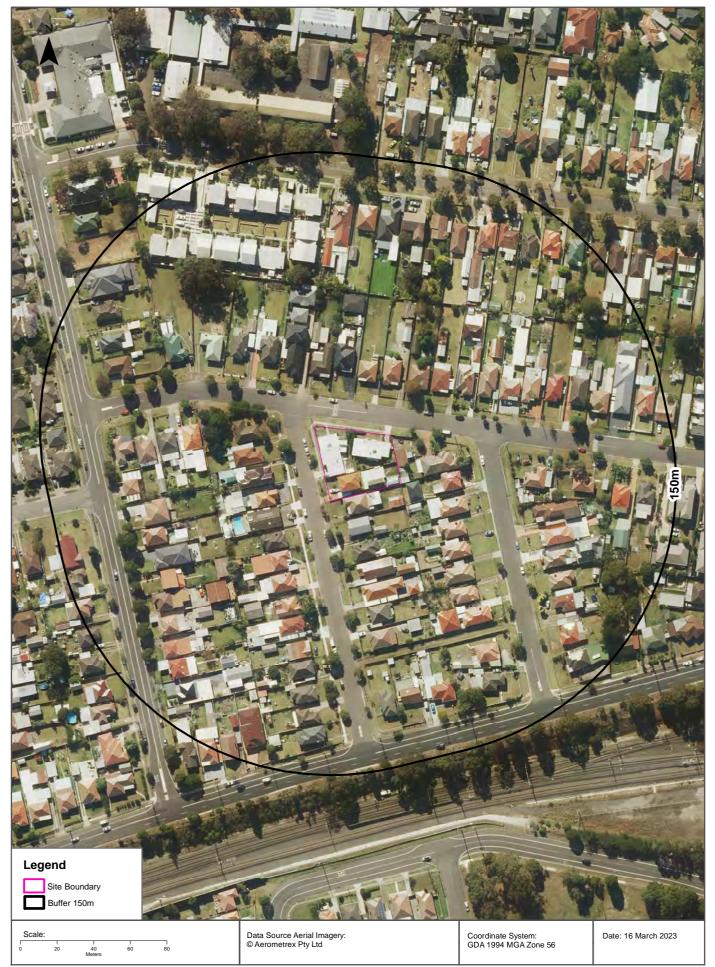
Aerial Imagery 2019 15-17 Lupin Avenue, Fairfield East, NSW 2165





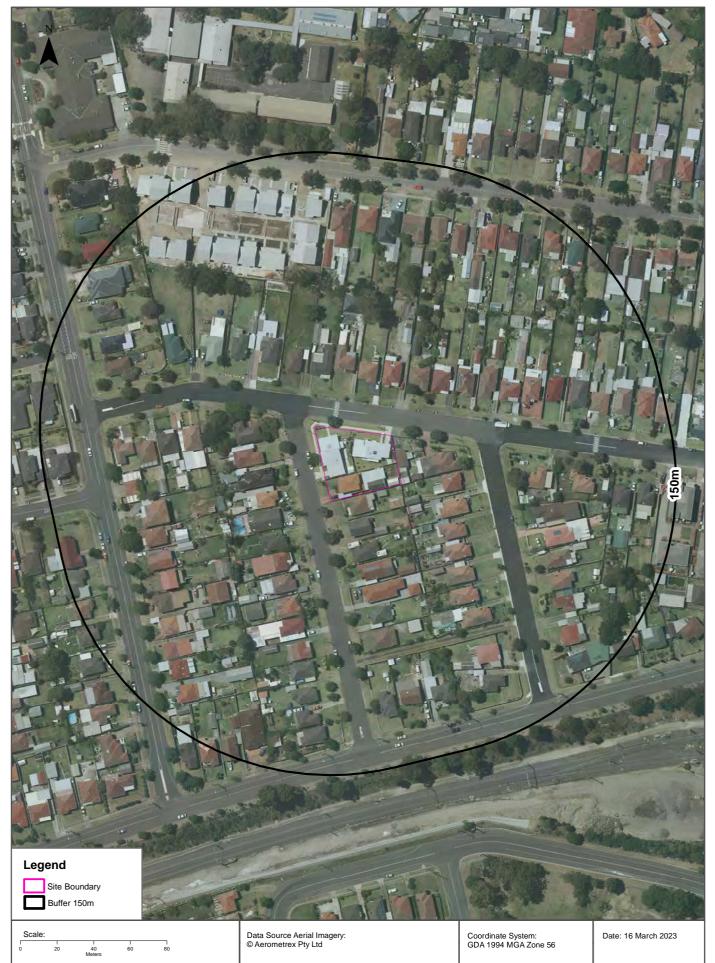
Aerial Imagery 2016





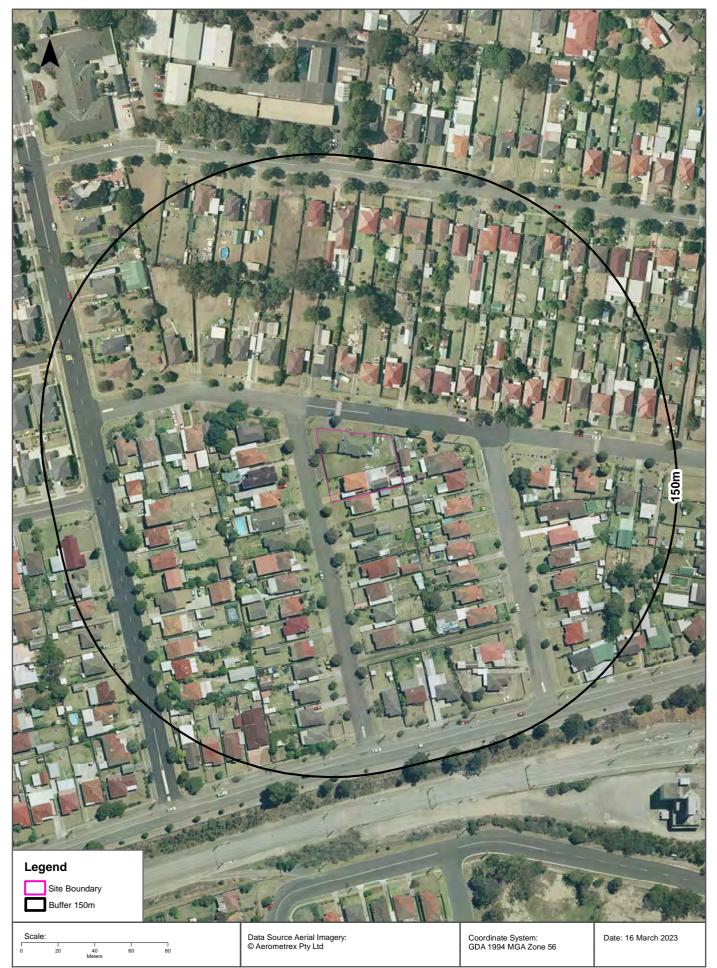
Aerial Imagery 2011 15-17 Lupin Avenue, Fairfield East, NSW 2165





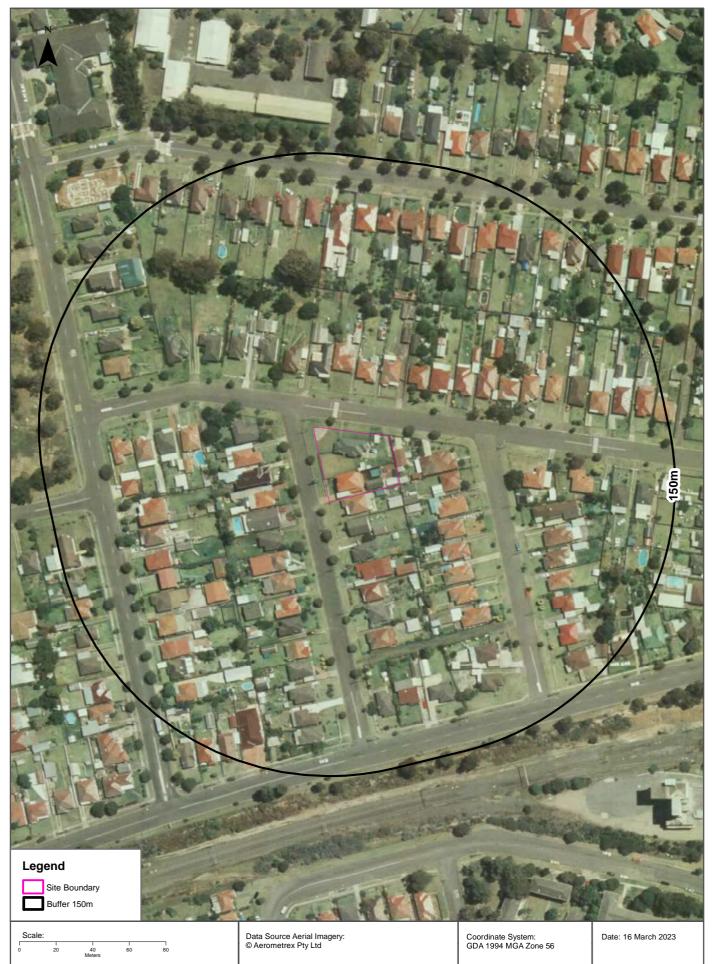
Aerial Imagery 2007



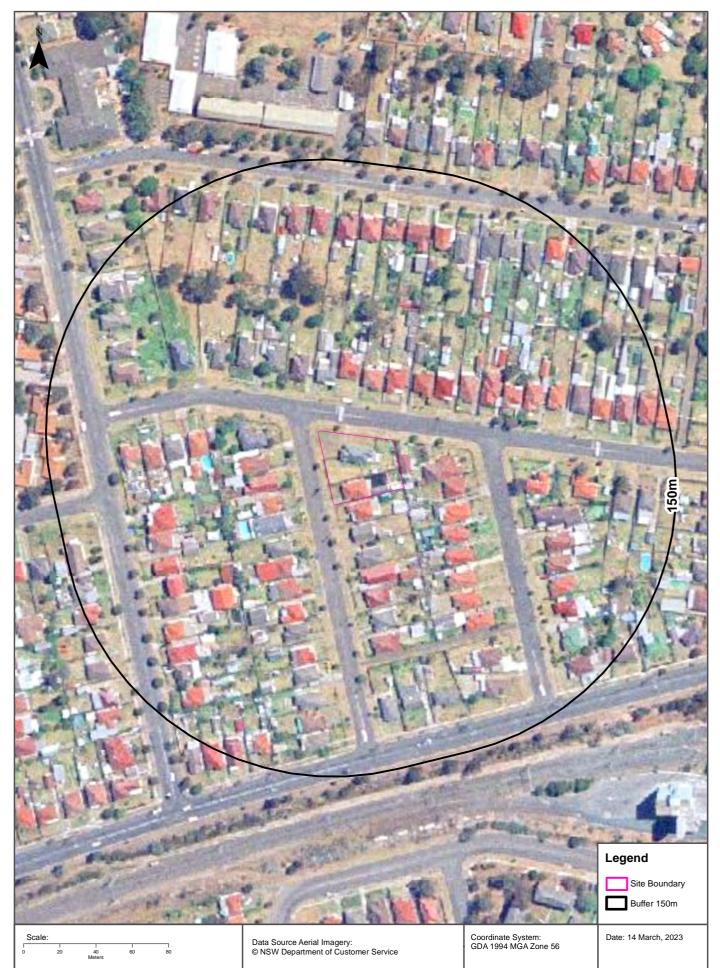


Aerial Imagery 2000 15-17 Lupin Avenue, Fairfield East, NSW 2165







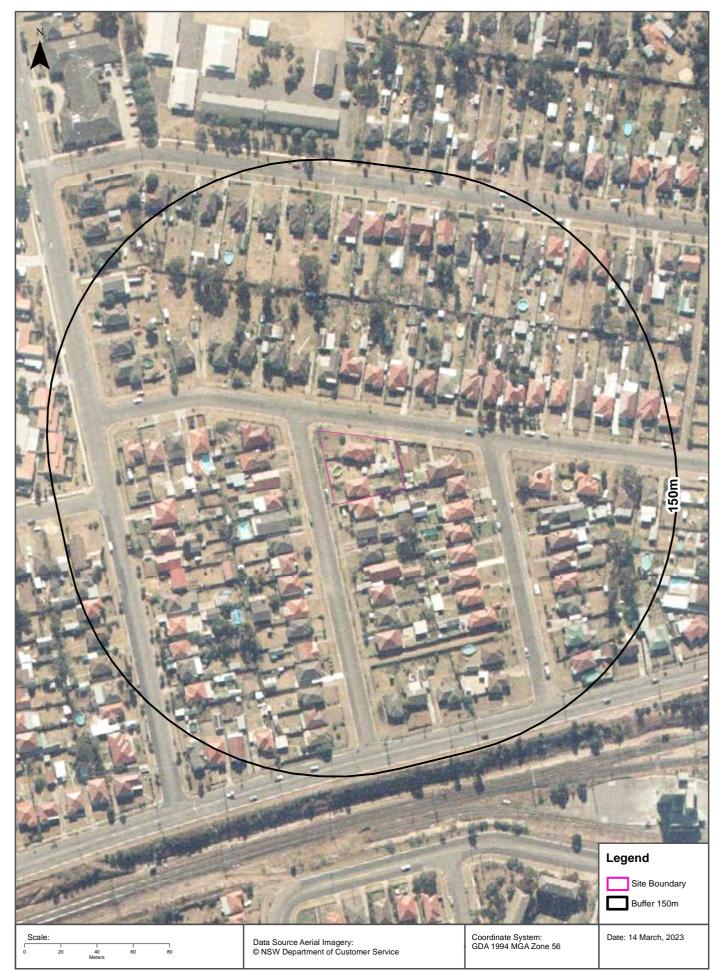


Aerial Imagery 1991 15-17 Lupin Avenue, Fairfield East, NSW 2165

















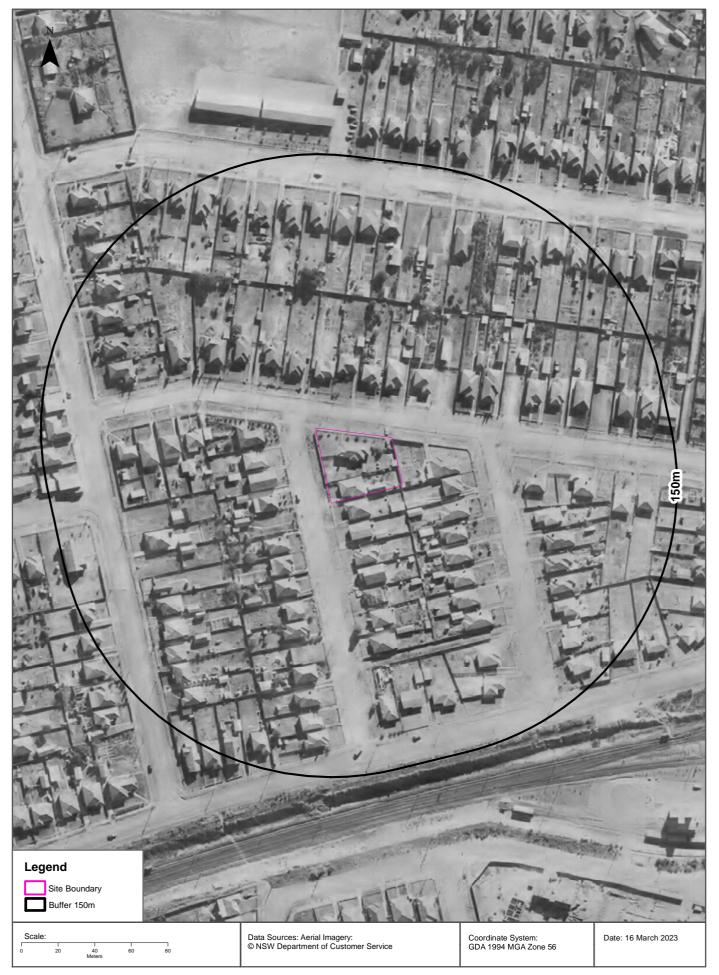






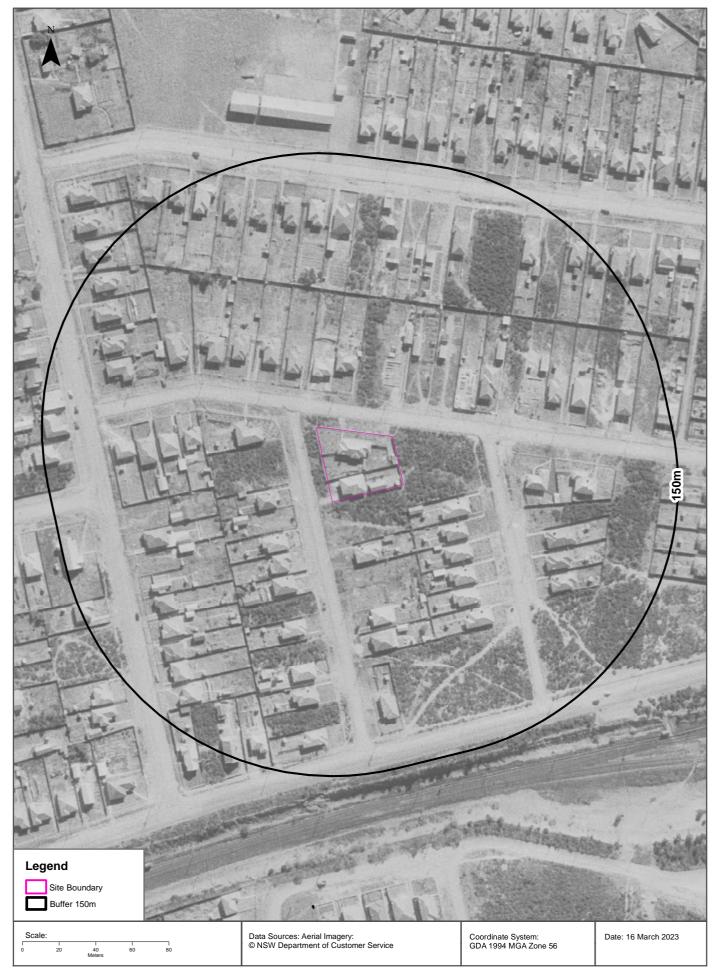






Aerial Imagery 1955, 1956 15-17 Lupin Avenue, Fairfield East, NSW 2165

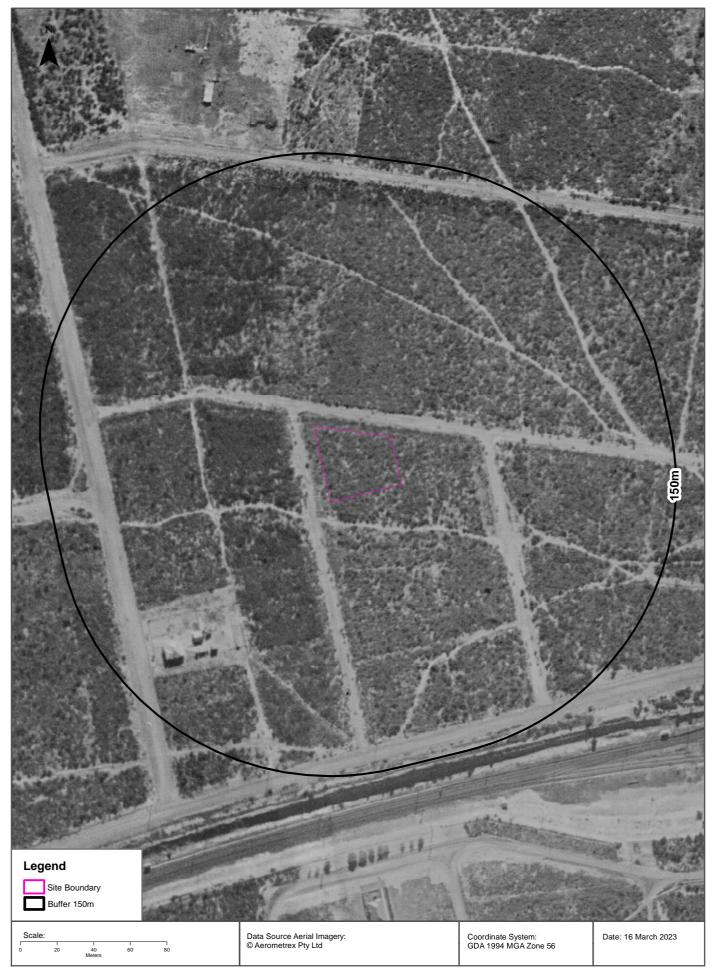






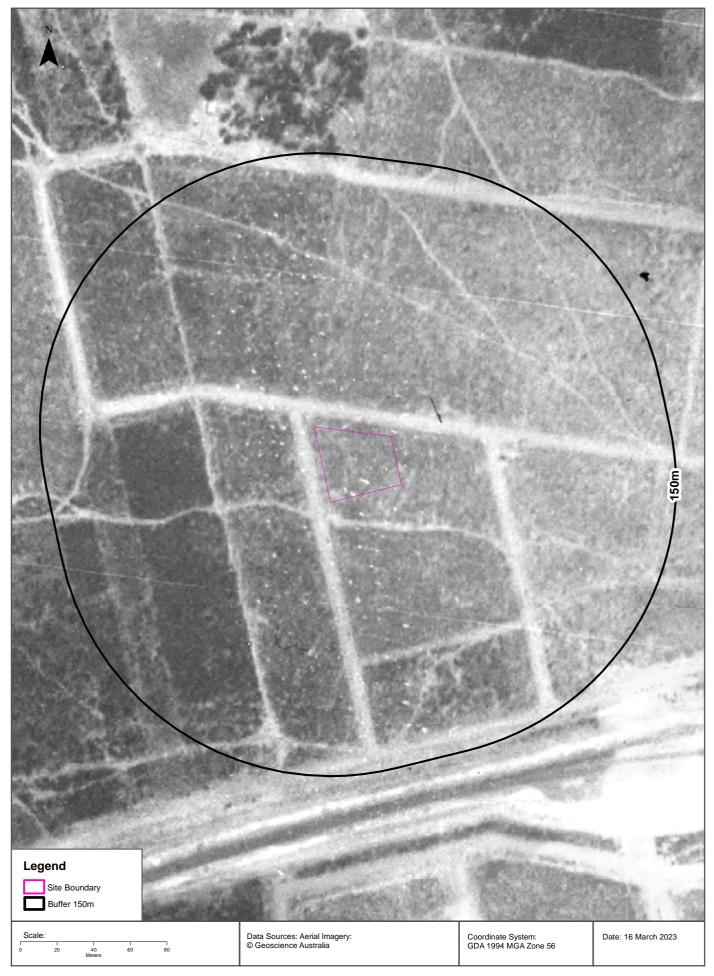






Aerial Imagery 1930 15-17 Lupin Avenue, Fairfield East, NSW 2165





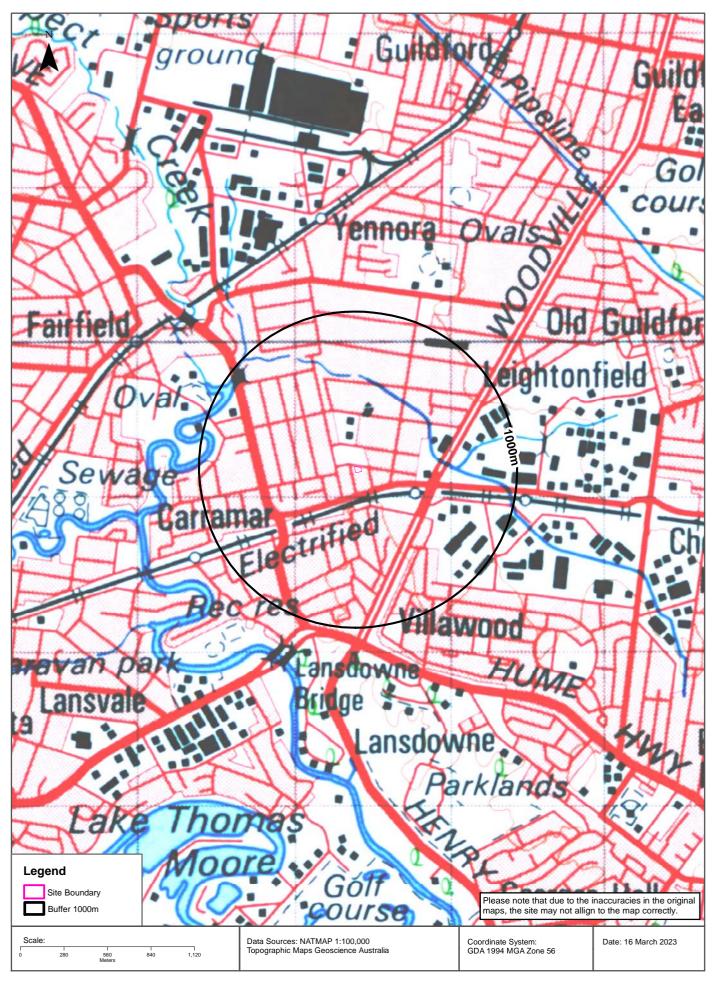
Topographic Map 2015





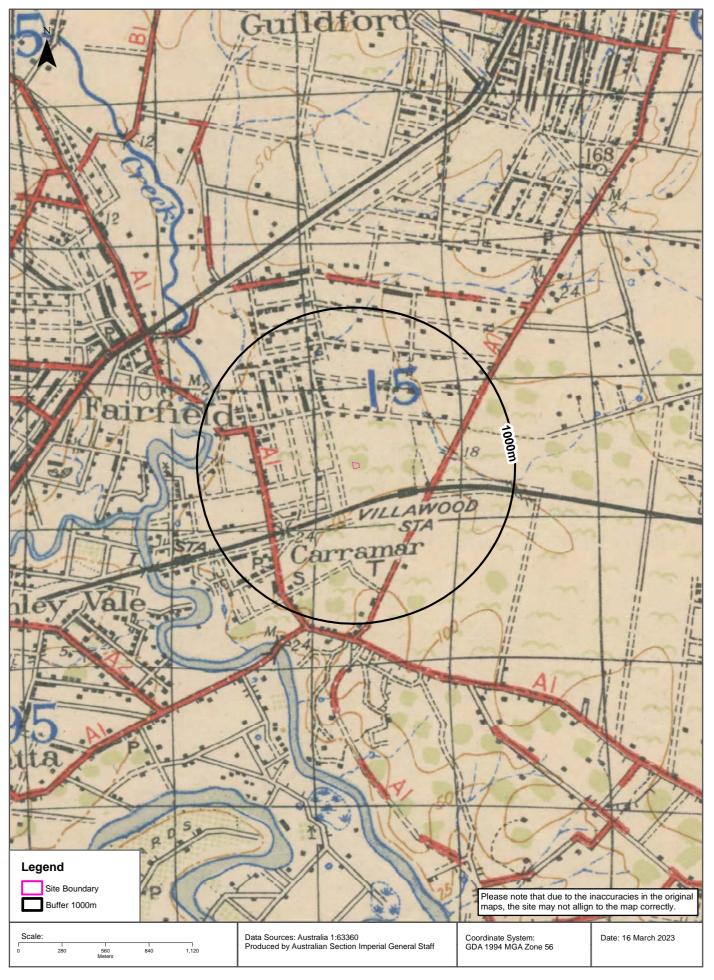
Historical Map 1975





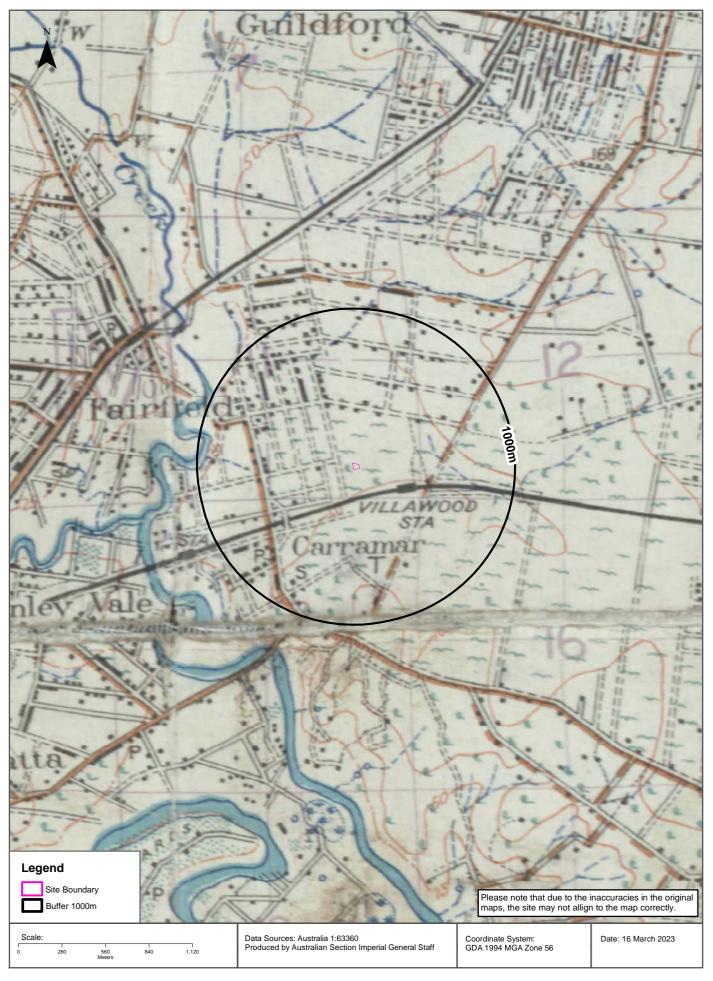
Historical Map c.1942





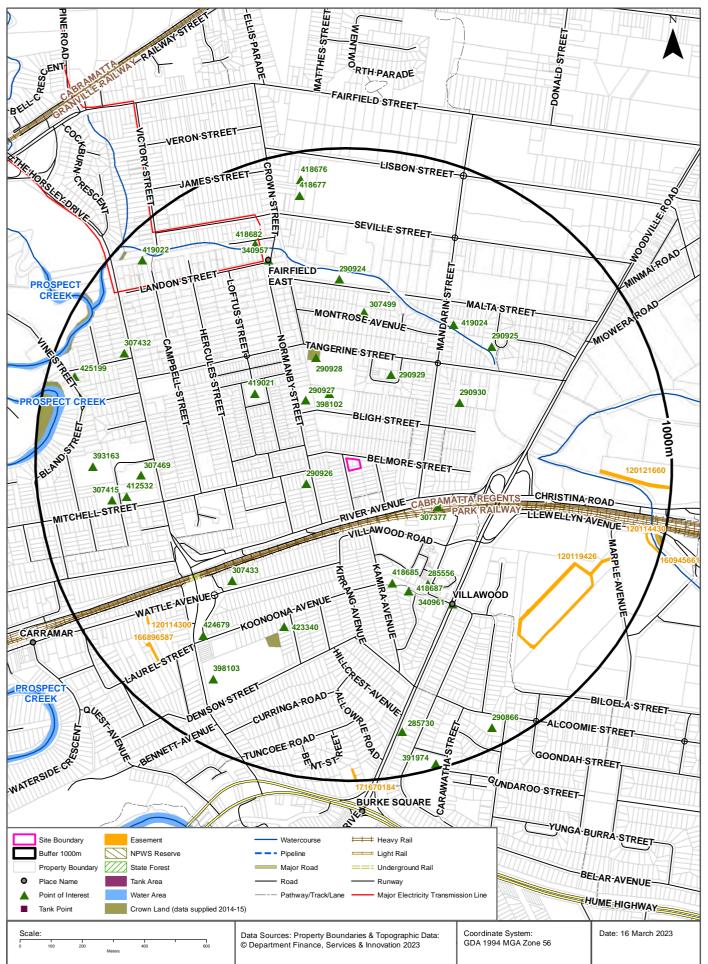
Historical Map c.1929





Topographic Features





Topographic Features

15-17 Lupin Avenue, Fairfield East, NSW 2165

Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
290926	Place Of Worship	Place Of Worship	143m	West
398102	Primary School	VILLAWOOD NORTH PUBLIC SCHOOL	216m	North
290927	Nursing Home	THE MANOR FAIRFIELD EAST	229m	North West
307377	Railway Station	VILLAWOOD RAILWAY STATION	276m	South East
290929	Park	MACARTHUR PARK	294m	North East
290928	Community Facility	VILLAWOOD NORTH COMMUNITY CENTRE	339m	North
419021	Park	Park	361m	North West
290930	Place Of Worship	JEHOVAHS WITNESSES CHURCH	373m	North East
418685	Park	HILWA PARK	384m	South
418687	Park	PLAYGROUND	425m	South East
285556	Post Office	VILLAWOOD POST OFFICE	432m	South East
307499	Park	MONTROSE PARK	474m	North
307433	Place Of Worship	BAPTIST CHURCH	516m	South West
340961	Suburb	VILLAWOOD	530m	South East
419024	Park	MANDARIN DRAINAGE RESERVE	532m	North East
423340	Park	KOONOONA PARK	544m	South West
290925	Park	BLACKFORD PARK	562m	North East
290924	Park	MALTA PARK	578m	North
307469	Community Medical Centre	KARITANE	662m	West
340957	Suburb	FAIRFIELD EAST	686m	North West
424679	Park	KOONOONA PARK	708m	South West
412532	Community Medical Centre	FAIRFIELD COMMUNITY HEALTH CENTRE	717m	West
418682	Park	HANSON STREET RESERVE	750m	North West
307415	Ambulance Station	FAIRFIELD AMBULANCE STATION	764m	West
307432	Place Of Worship	ASSEMBLIES OF GOD CHURCH	790m	North West
398103	Primary School	CARRAMAR PUBLIC SCHOOL	800m	South West
393163	Nursing Home	HEIDEN PARK LODGE	815m	West
285730	Park	Park	857m	South
418677	Park	PLAYGROUND	862m	North
418676	Park	LISBON PARK	911m	North
425199	Community Facility	SAINT THERESES CATHOLIC CHURCH	913m	West

Map Id	Feature Type	Label	Distance	Direction
419022	Park	LANDON STREET RESERVE	917m	North West
290866	Park	PLAYGROUND	937m	South East
391974	Place Of Worship	CATHOLIC CHURCH	984m	South

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

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Topographic Features

15-17 Lupin Avenue, Fairfield East, NSW 2165

Tanks (Areas)

What are the Tank Areas located within the dataset buffer?

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

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

Tanks (Points)

What are the Tank Points located within the dataset buffer? Note. The large majority of tank features provided by LPI are derived from aerial imagery & are therefore primarily above ground tanks.

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

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

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Major Easements

What Major Easements exist within the dataset buffer?

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

Map Id	Easement Class	Easement Type	Easement Width	Distance	Direction
120119426	Primary	Undefined		706m	South East
120121660	Primary	Undefined		770m	East
120114300	Primary	Undefined		798m	South West
166896587	Primary	Right of way	4 & Var	847m	South West
160945661	Primary	Right of way		941m	East
171670184	Primary	Right of way	4m and Var.	962m	South
120114430	Primary	Undefined		976m	East

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

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Topographic Features

15-17 Lupin Avenue, Fairfield East, NSW 2165

State Forest

What State Forest exist within the dataset buffer?

State Forest Number	State Forest Name	Distance	Direction
N/A	No records in buffer		

State Forest Data Source: © NSW Department of Finance, Services & Innovation (2018) Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en

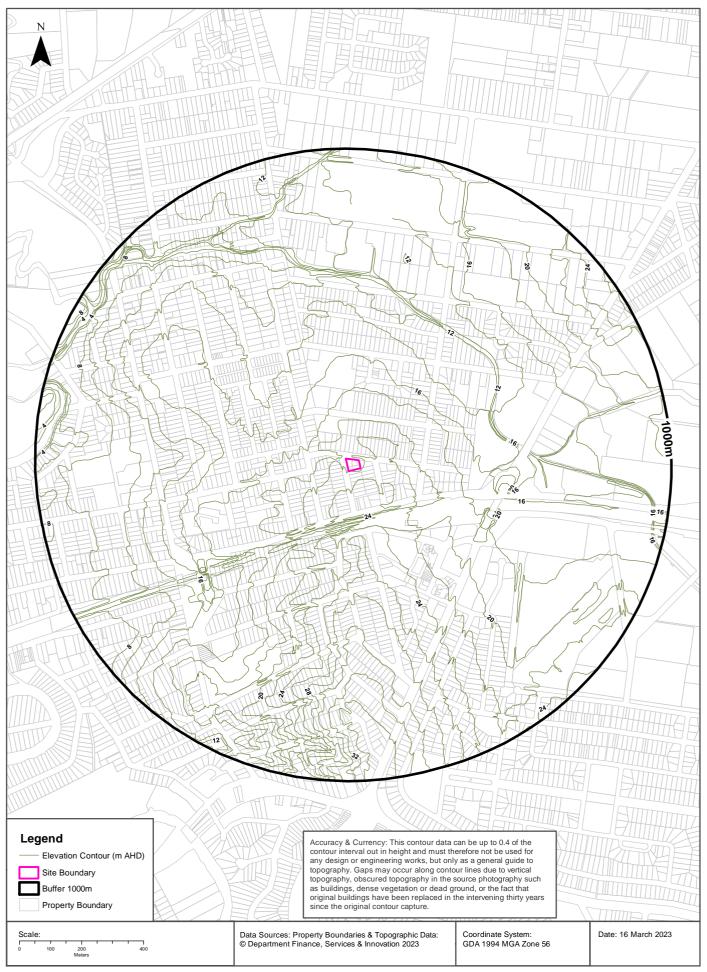
National Parks and Wildlife Service Reserves

What NPWS Reserves exist within the dataset buffer?

Reserve Number	Reserve Type	Reserve Name	Gazetted Date	Distance	Direction
N/A	No records in buffer				

NPWS Data Source: © NSW Department of Finance, Services & Innovation (2018) Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en **Elevation Contours (m AHD)**





Hydrogeology & Groundwater

15-17 Lupin Avenue, Fairfield East, NSW 2165

Hydrogeology

Description of aquifers within the dataset buffer:

Description	Distance	Direction
Porous, extensive aquifers of low to moderate productivity	0m	On-site

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

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Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018

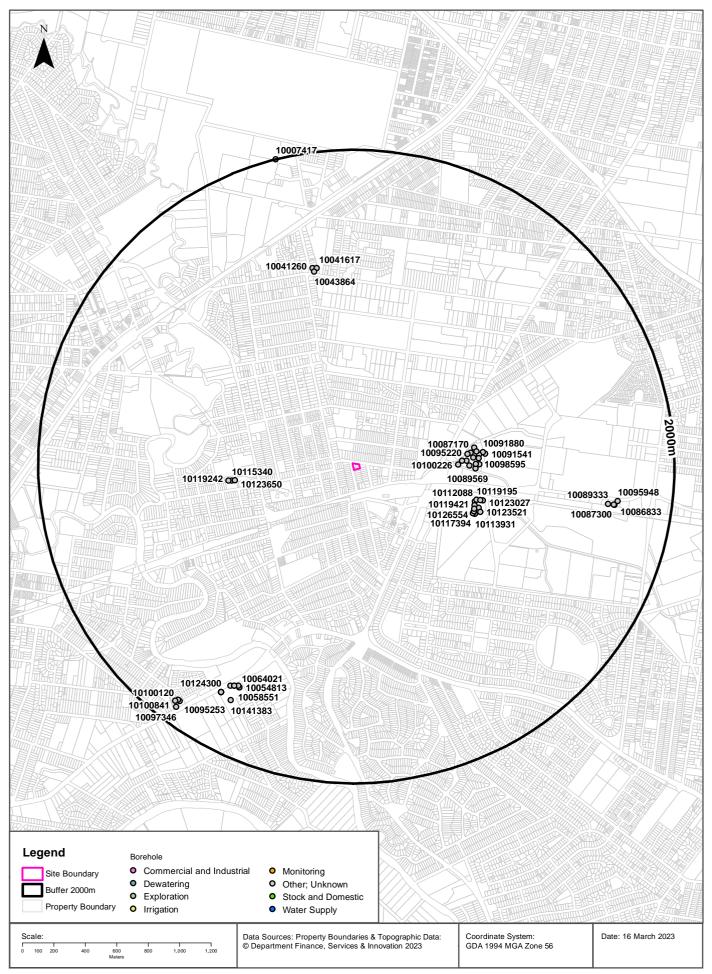
Temporary water restrictions relating to the Botany Sands aquifer within the dataset buffer:

Prohibition Area No.	Prohibition	Distance	Direction
N/A	No records in buffer		

Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018 Data Source : NSW Department of Primary Industries

Groundwater Boreholes





Hydrogeology & Groundwater

15-17 Lupin Avenue, Fairfield East, NSW 2165

Groundwater Boreholes

Boreholes within the dataset buffer:

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation		Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10100226	GW110003		Unknown	29/11/2004	13.70		AHD				627m	East
10101209	GW109998		Unknown	27/03/2009	6.20		AHD				652m	East
10086738	GW110114		Unknown	10/10/2005	5.00		AHD			3.20	682m	East
10095220	GW110002		Unknown	29/11/2004	18.20		AHD				691m	East
10093601	GW109997		Unknown	26/03/2009	6.00		AHD				698m	East
10087170	GW110112		Unknown	10/10/2005	5.00		AHD			3.20	713m	East
10066408	GW110111		Unknown	10/10/2005	5.00		AHD			3.40	725m	East
10089569	GW110004		Unknown	29/11/2004	15.00		AHD				736m	East
10094496	GW110113		Unknown	10/10/2005	5.00		AHD			3.20	740m	East
10087975	GW109999		Unknown	27/03/2009	6.00		AHD				741m	East
10098689	GW110116		Unknown	10/10/2005	5.00		AHD			3.40	751m	East
10123650	GW111052		Functional	29/04/2010	7.60		AHD				755m	West
10098595	GW110005		Unknown	30/11/2004	15.20		AHD				760m	East
10093058	GW109996		Unknown	26/03/2009	5.45		AHD				761m	East
10095208	GW110115		Unknown	10/10/2005	8.50		AHD			3.10	763m	East
10112088	GW113087		Functional	26/11/2008	7.00		AHD				764m	East
10123698	GW113086		Functional	26/11/2008	7.00		AHD				767m	East
10119195	GW113088		Functional	25/11/2008	7.00		AHD				769m	East
10119421	GW113085		Functional	20/11/2008	7.00		AHD				773m	East
10115340	GW111051		Functional	02/09/2010	8.20		AHD				774m	West
10132660	GW113084		Functional	26/11/2008	7.00		AHD				774m	East
10117394	GW113082		Functional	25/11/2008	7.00		AHD				776m	East
10126554	GW113083		Functional	26/11/2008	7.00		AHD				776m	East
10113931	GW113081		Functional	14/11/2005	6.00		AHD				789m	East
10091880	GW110001		Unknown	29/11/2004	15.00		AHD				790m	East
10119242	GW111050		Functional	29/04/2010	8.20		AHD				794m	West
10123341	GW113078		Functional	17/11/2005	8.00		AHD				794m	East
10123213	GW113079		Functional	15/11/2005	6.00		AHD				798m	East
10091541	GW110000		Unknown	27/03/2009	1.60		AHD				804m	East
10123027	GW113089		Functional	20/11/2008	8.00		AHD				811m	East
10123521	GW113080		Functional	15/11/2005	6.00		AHD				816m	East

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation		Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10043864	GW112618		Functional	27/04/2010	6.00		AHD				1246m	North
10041617	GW112616		Functional	27/04/2010	6.00		AHD				1264m	North
10041260	GW112617		Functional	27/04/2010	6.00		AHD				1269m	North
10126802	GW101291		Functional	01/06/1996	5.00		AHD			2.24	1560m	South West
10054813	GW101325		Functional	28/06/1996	4.50		AHD	1220		1.80	1567m	South West
10058551	GW101336		Functional	28/06/1996	5.00		AHD	1020		1.80	1567m	South West
10061695	GW101339		Functional	02/07/1995	5.00		AHD			2.00	1567m	South West
10062686	GW101338		Functional	01/07/1996	5.00		AHD			2.00	1567m	South West
10064021	GW101337		Functional	28/06/1996	5.00		AHD	48		1.60	1567m	South West
10125346	GW101288		Functional	05/06/1996	5.00		AHD			1.99	1573m	South West
10127961	GW101290		Functional	05/06/1996	5.00		AHD			1.96	1573m	South West
10125050	GW101289		Functional	05/06/1997	5.00		AHD			1.58	1586m	South West
10089333	GW112900		Functional	08/06/2011	8.00		AHD				1597m	East
10087300	GW112902		Functional	09/06/2011	7.00		AHD				1633m	East
10086833	GW112901		Functional	07/06/2011	4.20		AHD				1638m	East
10124300	GW101278		Functional	25/06/1996	4.30		AHD			1.80	1650m	South West
10124344	GW101276		Functional	24/06/1996	5.00		AHD				1650m	South West
10125830	GW101279		Functional	25/06/1996	4.50		AHD			2.00	1650m	South West
10128859	GW101277		Functional	24/06/1996	5.00		AHD			2.50	1650m	South West
10095948	GW112903		Functional	08/06/2011	8.46		AHD				1654m	East
10141383	GW018740		Functioning	01/12/1960	7.30		AHD				1666m	South West
10100120	GW110257		Unknown	29/05/2009	4.00		AHD			2.30	1844m	South West
10095253	GW110258		Unknown	29/05/2009	4.00		AHD			2.00	1846m	South West
10100841	GW110256		Unknown	29/05/2009	4.00		AHD			2.00	1860m	South West
10097346	GW110255		Unknown	24/05/2009	6.00		AHD			4.00	1888m	South West
10007417	GW114855		Functional	25/11/2014	7.00		AHD				1998m	North

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

Hydrogeology & Groundwater

15-17 Lupin Avenue, Fairfield East, NSW 2165

Driller's Logs

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

NGIS Bore ID	Drillers Log	Distance	Direction
10100226	0.00m-0.20m CONCRETE WITH RE-ENFORCED STEEL 0.20m-1.20m DARK BROWN MIXED CLAY WITH MINOR RUBBLE 1.20m-1.60m STIFF DARK BROWN GREY 1.60m-2.20m STIFF ORANGE CLAY 2.20m-2.40m FIRM BLACK,LIGHT SILTY CLAY ,SLIGHT ORGANIC ODOUR 2.40m-4.00m LIGHT GREY FINE SANDY CLAY 4.00m-6.80m ORANGE FINE SANDY CLAY 6.80m-7.50m TENDING VERY STIFF,BROWN GREY MEDIUM 7.50m-8.40m FRACTURED GREY SHALE 8.40m-13.70m GREY CONSOLIDATED SHALE	627m	East
10101209	0.00m-0.20m CONCRETE 0.20m-0.40m CRUSHED SANDSTONE 0.40m-0.60m STIFF MIXED CLAY BROWN 0.60m-1.10m LOOSE GRANITE, SHALE, BLUEMETAL, CONCRETE 1.10m-2.70m MIXED CLAY, STIFF, BROWN/GREY 2.70m-3.20m ORANGE MIXED CLAY, FIRM 3.20m-4.10m FIRM, SOFT, LIGHT, SILTY LENSES 4.10m-4.90m SOFT LIGHT BROWN MEDIUM CLAY 4.90m-6.20m SOFT ORANGE LIGHT CLAY	652m	East
10086738	0.00m-1.60m FILL 1.60m-5.00m SANDY CLAY	682m	East
10095220	0.00m-1.20m STIFF BROWN CLAY 1.20m-1.60m STIFF ORANGE SANDY CLAY 1.60m-2.40m STIFF ORANGE/GREY MOTTLED MEDIUM CLAY 2.40m-5.80m FIRM LIGHT GREY LIGHT CLAY 5.80m-7.70m BROWN CLAY, CEMENTED WITH IRON, STIFF MOTTLED GREY 7.70m-8.70m WEATHERED GREY SHALE HARD 8.70m-18.20m GREY CONSOLIDATED SHALE	691m	East
10093601	0.00m-0.50m CRUSHED SANDSTONE 0.50m-1.40m FIRM MEXED CLAY,GREY/BROWN LOAMY,HARD,SOME SHALE 1.40m-1.60m SANDY CLAY,SOFT,FIRM,SATURATED 1.60m-3.60m GREY, STIFF CLAY,SMOOTH 3.60m-4.10m SOFT,FIRM FINE SANDY CLAY 4.10m-4.60m HEAVY CLAY,STIFF,ORANGE,HARD 4.60m-5.50m SANDY CLAY,MOTTLED ORANGE/GREY 5.50m-6.00m FIRM,STIFF CLAY,ORANGE	698m	East
10087170	0.00m-1.00m FILL 1.00m-5.00m SANDY CLAY	713m	East
10066408	0.00m-1.80m FILL 1.80m-5.00m SANDY CLAY	725m	East
10089569	0.00m-0.20m CONCRETE 0.20m-1.00m STIFF,GREY BROWN MIXED CLAY WITH MINOR RUBBLE,SOME PLASTIC 1.00m-2.40m STIFF,ORANGE,MOTTLED GREY AND MAROON CLAY,PLASTIC 2.40m-3.80m DARK GREY MOTTLED MAROON LIGHT CLAY,PLASTIC ORGANIC ODOUR 3.80m-4.00m BLACK SANDY CLAY LENSE ,STRONG ORGANIC ODOUR 4.00m-4.40m STIFF BROWN SANDY CLAY 4.40m-5.60m SOFT FIRM ORANGE, MEDIUM CLAY 5.60m-6.40m STIFF,GREY BROWN SANDY CLAY 6.40m-7.60m VERY STIFF GREY CLAY 7.60m-8.40m FRACTURED GREY SHALE 8.40m-15.00m GREY CONSOLIDATED SHALE	736m	East
10094496	0.00m-1.00m FILL 1.00m-5.00m SANDY CLAY	740m	East
10087975	0.00m-0.40m CONCRETE 0.40m-0.60m FILL,CRUSHED SANDSTONE 0.60m-1.60m FILL,STIFF CLALY MIXED,CONTAINING SANDSTONE,CONCRETE,RUBBLE 1.60m-2.40m STIFF MEDIUM CLAY MOTTLED BROWN/GREY 2.40m-2.70m FIRM SANDY CLAY,FINE SAND,MOTTLED ORANGE/BROWN 2.70m-6.00m CONTINUED WITH AUGER TO 6.0 m.	741m	East
10098689	0.00m-1.80m FILL 1.80m-5.00m SANDY CLAY	751m	East

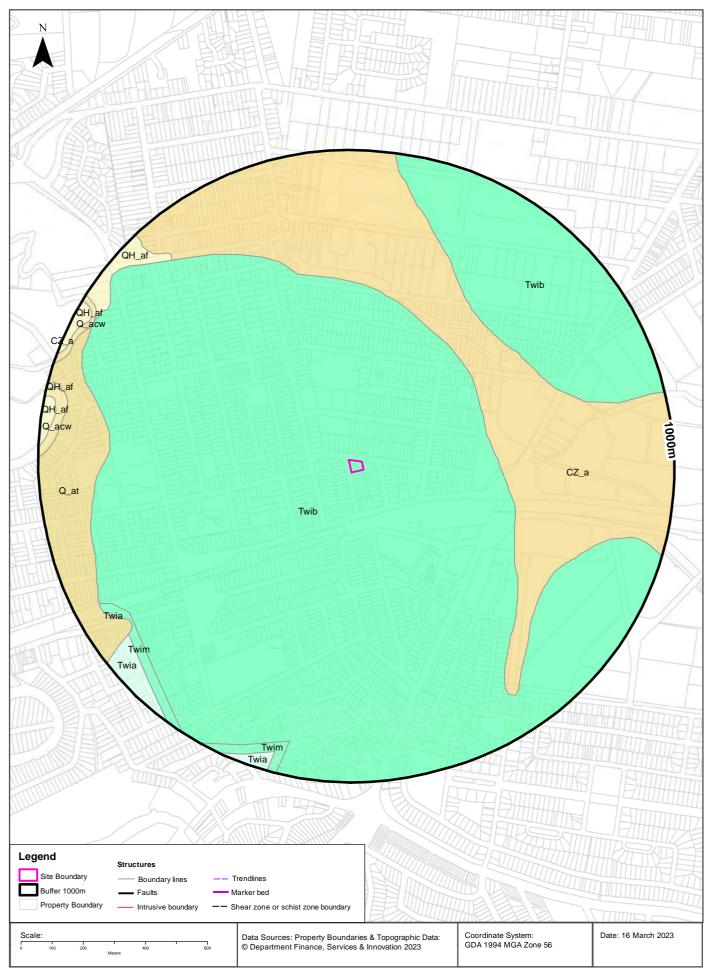
NGIS Bore ID	Drillers Log	Distance	Direction
10123650	0.00m-0.10m ASPHALT 0.10m-0.80m FILL, ROAD BASE 0.80m-2.50m SILTY CLAY 2.50m-4.00m SILTY CLAY MOSTLY LIGHT GREY 4.00m-6.00m SILTY CLAY YELLOW BROWN 6.00m-7.60m SHALE / CLAY	755m	West
10098595	0.00m-0.20m CONCRETE 0.20m-1.20m STIFF DARK GREY MIXED SANDY CLAY WITH RUBBLE 1.20m-1.40m VERY DENSE CRUSHED PAVERS 1.40m-2.20m STIFF.BROWN MOTTLED GREY,MEDIUM CLAY,ORGANIC ODOUR 2.20m-3.40m FIRM BROWN SANDY CLAY 3.40m-5.00m STIFF ORANGE SANDY CLAY 5.00m-7.40m FIRM ORANGE BROWN LIGHT CLAY 7.40m-8.00m STIFF GREY CLAY 8.00m-8.40m WEATHERED SHALE 8.40m-15.20m GREY CONSOLIDATED SHALE	760m	East
10093058	0.00m-0.70m FILL,FIRM,STIFF,MIXED CLAY,GREY CONTAINING SHALE FRAGMENTS 0.70m-1.20m GREY FIRM CLAY 1.20m-3.00m FIRM CLAY,MOTTLED GREY/ORANGE 3.00m-4.20m SOFT FIRM SANDY CLAY,MOTTLED GREY/ORANGE 4.20m-5.30m STIFF CLAY, ORANGE/GREY MOTTLES 5.30m-5.45m FINE SANDY CLAY,VERY STIFF	761m	East
10095208	0.00m-1.00m FILL 1.00m-8.50m SANDY CLAY	763m	East
10115340	0.00m-0.50m FILL,CLAY,MOTTLED BROWN,YELLOW-BROWN 0.50m-1.00m CLAYEY SAND,MOTTLED L/GREY 1.00m-2.50m SILTY CLAY 2.50m-4.00m SILTY CLAY,MOSTLY L/REY 4.00m-6.00m SILTY CLAY,MOSTLY YELLOW BROWN 6.00m-8.20m SHALE/CLAY	774m	West
10091880	0.00m-0.20m FIRM SILTY CLAYEY SAND 0.20m-0.50m VERY DENSE ROAD BASE 0.50m-1.00m STIFF BROWN LIGHT CLAY 1.00m-1.60m STIFF LIGHT ORANGE SILTY CLAY 2.60m-3.60m FIRM LIGHT ORANGE SILTY CLAY 3.60m-7.20m STIFF BROWN VITH GREY MOTTLED CLAY 7.20m-8.30m VERY STIFF DARK BROWN CLAY 8.30m-8.60m HARD GREY WEATHERED SHALE 8.60m-15.00m DARK GREY CONSOLIDATE SHALE	790m	East
10119242	0.00m-0.50m FILL.CLAY,MOTTLED BROWN 0.50m-1.00m CLAYEY SAND,YELLOW BROWN 1.00m-2.50m SILTY CLAY,MOTTLE L/GREY 2.50m-4.00m SILTY CLAY MOSTLY L/GREY 4.00m-6.00m SILTY CLAY MOSTLY YELLOW BROWN 6.00m-8.20m SHALE/ CLAY	794m	West
10091541	0.00m-0.20m CONCRETE 0.20m-0.50m FILL,STIFF MEDIUM CLAY,MOTTLED,ORANGE,BROWN 0.50m-1.60m STIFFF MEDIUM CLAY,MOTTLED,ORANGE/BROWN 1.60m-6.00m CONTINUED WITH AUGER TO 6.0m	804m	East
10043864	0.00m-0.10m CONCRETE 0.10m-1.50m CLAY,GREY/BROWN,MOIST,BLACK STAINING 1.50m-3.00m SILT GREY 3.00m-3.10m CLAY SILTY GREY 3.10m-3.20m SILT GREY,DRY 3.20m-3.50m CLAY GREY BROWN,MOIST,SOFT 3.50m-6.00m SILT VERY WET,SATURATED	1246m	North
10041617	0.00m-0.10m CONCRETE 0.10m-1.20m CLAY,GREY,BROWN,MOIST 1.20m-6.00m SILT,GREY/BROWN,DRY,LOOSE,FINE SAND	1264m	North
10041260	0.00m-0.10m CONCRETE 0.10m-0.20m FILL/SAND 0.20m-1.20m CLAY.GREY BROWN,MOIST,FIRM 1.20m-6.00m SILT,BROWN/GREY,MOIST,DENSE	1269m	North
10126802	0.00m-1.20m clay, bricks, gravel, sand (fill) 1.20m-5.00m clayey sitts to silty clays	1560m	South West
10054813	0.00m-0.80m fill - sand, ash, clay, gravel 0.80m-4.50m sandy silt - silty sand	1567m	South West
10058551	0.00m-2.00m Fill - sand and gravel 2.00m-3.50m silty clay 3.50m-4.50m clayey silt 4.50m-5.00m silt	1567m	South West
10061695	0.00m-1.00m fill - gravel, clay, concrete, wood 1.00m-2.00m silty clay 2.00m-4.50m clayey silt 4.50m-5.00m sandy silt	1567m	South West

NGIS Bore ID	Drillers Log	Distance	Direction
10062686	0.00m-1.30m fill - gravel, concrete 1.30m-2.50m silty clay 2.50m-5.00m sandy silt	1567m	South West
10064021	0.00m-1.80m Fill - concrete, gravel, clay 1.80m-2.50m clayey silt 2.50m-5.00m sandy silt	1567m	South West
10125346	0.00m-1.10m gravel and clay (fill) 1.10m-3.50m clayey silt 3.50m-4.20m silty clay 4.20m-5.00m clayey silt	1573m	South West
10127961	0.00m-1.50m rubble, clay, brick,wood, silt 1.50m-5.00m clayey silt.	1573m	South West
10125050	0.00m-1.30m rubble, clay, gravel (fill) 1.30m-1.80m clayey silt 1.80m-3.40m silty clay 3.40m-4.30m clayey silt 4.30m-5.00m Silty clay	1586m	South West
10124300	0.00m-0.30m gravelly clay (fill) 0.30m-4.30m clayey silt	1650m	South West
10124344	0.00m-0.50m gravel with silt and rubble 0.50m-1.00m clayey silt 1.00m-2.00m silty clay 2.00m-4.50m clayey silt 4.50m-5.00m silty sand.	1650m	South West
10125830	0.00m-0.40m gravel with clays and silt (fill) 0.40m-3.90m clayey silts 3.90m-4.50m silty sand	1650m	South West
10128859	0.00m-0.80m sand (fill) 0.80m-1.60m clayey silt 1.60m-2.80m sandy clay 2.80m-4.60m clayey silt 4.60m-5.00m sandy clay	1650m	South West
10141383	0.00m-4.26m Clay Cryptocrystalline 4.26m-5.48m Sand Cryptocrystalline Water Supply 5.48m-6.40m Mud 6.40m-7.31m Sand	1666m	South West
10100120	0.00m-0.80m FILL,GRAVEL,AND GREY CLAYEY SANDY CLAY 0.80m-2.20m SANDY CLAY,BROWN AND GREY 2.20m-4.00m SANDY CLAY GREY	1844m	South West
10095253	0.00m-0.90m FILL.BROWN CLAYEY SAND WITH GRAVEL 0.90m-2.10m SANDY CLAY GREY AND BROWN 2.10m-3.80m SANDY CLAY BROWN	1846m	South West
10100841	0.00m-0.60m FILL,BROWN,SANDY CLAY,SOME GRAVEL 0.60m-4.00m SAND,BROWN AND GREY,FINE TO MED.GRAINED	1860m	South West
10097346	0.00m-2.50m TOPSOIL AND BROWN SANDY CLAY 2.50m-6.00m SANDY CLAY GREY AND BROWN	1888m	South West
10007417	0.00m-0.40m FILL, CLAYEY SAND ORANGE BROWN 0.40m-1.50m FILL, SANDY GRAVELS AND CLAY 1.50m-3.00m SANDY CLAY BROWN WITH RED MOTTLES 3.00m-4.50m CLAY YELLOW BROWN SOFT WET 4.50m-6.00m CLAY BROWN SOFT, WET, MED. PLASTICITY.	1998m	North

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

Geology 15-17 Lupin Avenue, Fairfield East, NSW 2165





Geology

15-17 Lupin Avenue, Fairfield East, NSW 2165

Geological Units

What are the Geological Units within the dataset buffer?

Unit Code	Unit Name	Description	Unit Stratigraphy	Age	Dominant Lithology	Distance
Twib	Bringelly Shale	Shale, carbonaceous claystone, laminite, lithic sandstone, rare coal.	/Wianamatta Group//Bringelly Shale//	Middle Triassic (base) to Middle Triassic (top)	Shale	0m
CZ_a	Alluvium	Unconsolidated alluvial clay, silt, sand, and gravel deposits.	/Alluvium////	/Alluvium//// Cenozoic (base) to CNOW (top)		411m
Q_at	Alluvial terrace deposits	Silt, clay, (fluvially- deposited) fine- to medium- grained quartz-lithic sand, polymictic gravel.	/Alluvium//Alluvial terrace deposits//	Quaternary (base) to Now (top)	Clastic sediment	769m
Twim	Minchinbury Sandstone	Fine- to medium-grained lithic sandstone.	/Wianamatta Group//Minchinbury Sandstone//	Middle Triassic (base) to Middle Triassic (top)	Sandstone	844m
QH_af	Alluvial floodplain deposits	Silt, very fine- to medium- grained lithic to quartz-rich sand, clay.	/Alluvium//Alluvial floodplain deposits//	Holocene (base) to Now (top)	Clastic sediment	860m
Twia	Ashfield Shale	Black to light grey shale and laminite.	/Wianamatta Group//Ashfield Shale//	Middle Triassic (base) to Middle Triassic (top)	Shale	876m
Q_acw	Alluvial channel deposits - subaqueous	Fluvially deposited sand, gravel, silt, clay.	/Alluvium//Alluvial channel deposits/Alluvial channel deposits- subaqueous/	Quaternary (base) to Now (top)	Clastic sediment	922m

Linear Geological Structures

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

Map ID	Feature Description	Map Sheet Name	Distance
No Features			

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

Map ID	Boundary Type	Description	Map Sheet Name	Distance
No Features				

Geological Data Source: Statewide Seamless Geology v2.1, Department of Regional NSW Creative Commons 4.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/4.0/au/deed.en

Naturally Occurring Asbestos Potential

15-17 Lupin Avenue, Fairfield East, NSW 2165

Naturally Occurring Asbestos Potential

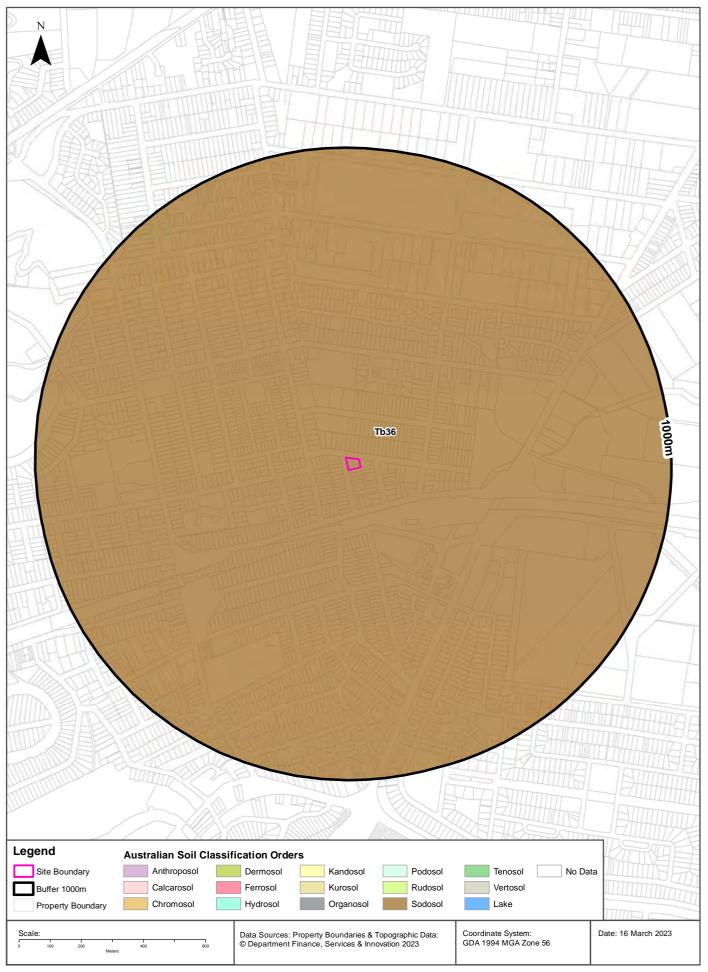
Naturally Occurring Asbestos Potential within the dataset buffer:

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

Naturally Occurring Asbestos Potential Data Source: © State of New South Wales through NSW Department of Industry, Resources & Energy

Atlas of Australian Soils





Soils

15-17 Lupin Avenue, Fairfield East, NSW 2165

Atlas of Australian Soils

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

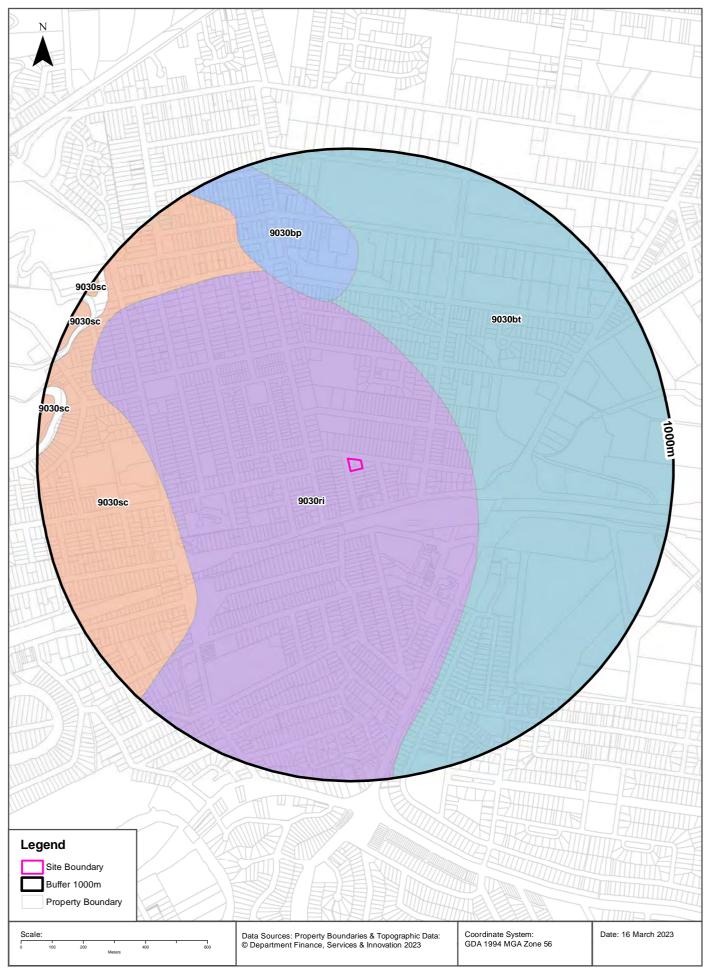
Map Unit Code	Soil Order	Map Unit Description	Distance	Direction
Tb36	Sodosol	Undulating: chief soils are hard acidic yellow mottled soils (Dy3.41) usually containing some ironstone gravels throughout the profile. Associated are small areas of units Pb12 and Pb13.	0m	On-site

Atlas of Australian Soils Data Source: CSIRO

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Soil Landscapes of Central and Eastern NSW





Soils

15-17 Lupin Avenue, Fairfield East, NSW 2165

Soil Landscapes of Central and Eastern NSW

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

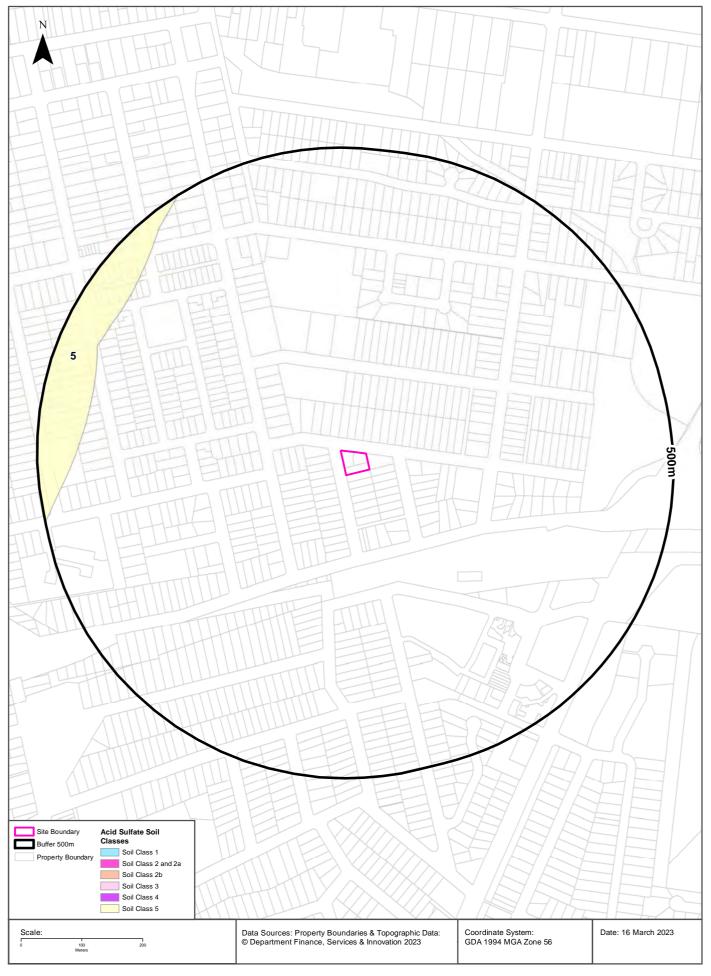
Soil Code	Name	Distance	Direction
<u>9030ri</u>	Richmond	0m	On-site
<u>9030bt</u>	Blacktown	322m	East
<u>9030bp</u>	Berkshire Park	512m	North
<u>9030sc</u>	South Creek	584m	West

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

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Acid Sulfate Soils





Acid Sulfate Soils

15-17 Lupin Avenue, Fairfield East, NSW 2165

Environmental Planning Instrument - Acid Sulfate Soils

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

Soil Class	Description	EPI Name
N/A		

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

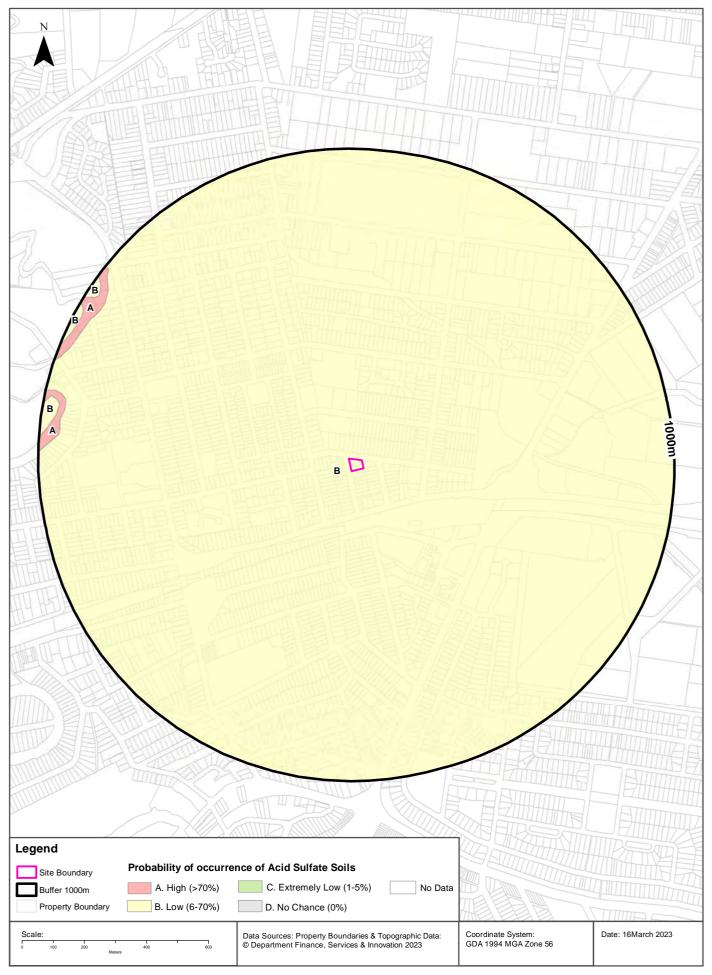
Soil Class	Description	EPI Name	Distance	Direction
N/A				

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Atlas of Australian Acid Sulfate Soils





Acid Sulfate Soils

15-17 Lupin Avenue, Fairfield East, NSW 2165

Atlas of Australian Acid Sulfate Soils

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

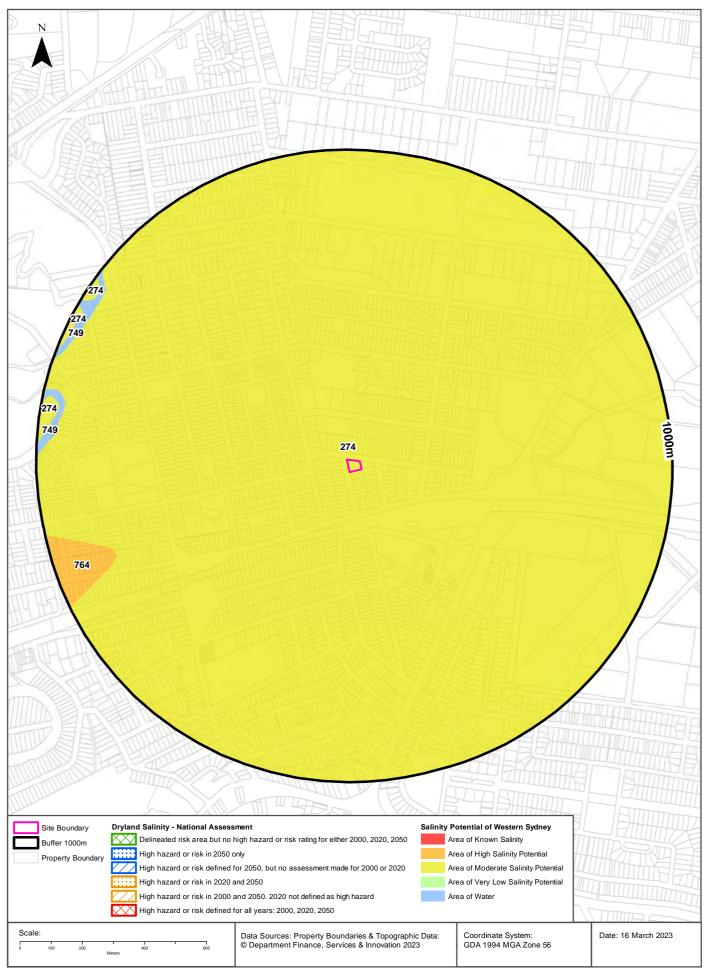
Class	Description	Distance	Direction
В	Low Probability of occurrence. 6-70% chance of occurrence.	0m	On-site
A	High Probability of occurrence. >70% chance of occurrence.	928m	West

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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Dryland Salinity





Dryland Salinity

15-17 Lupin Avenue, Fairfield East, NSW 2165

Dryland Salinity - National Assessment

Is there Dryland Salinity - National Assessment data onsite?

No

Is there Dryland Salinity - National Assessment data within the dataset buffer?

No

What Dryland Salinity assessments are given?

Assessment 2000	Assessment 2020	Assessment 2050	Distance	Direction
N/A	N/A	N/A		

Dryland Salinity Data Source : National Land and Water Resources Audit

The Commonwealth and all suppliers of source data used to derive the maps of "Australia, Forecast Areas Containing Land of High Hazard or Risk of Dryland Salinity from 2000 to 2050" do not warrant the accuracy or completeness of information in this product. Any person using or relying upon such information does so on the basis that the Commonwealth and data suppliers shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information. Any persons using this information do so at their own risk.

In many cases where a high risk is indicated, less than 100% of the area will have a high hazard or risk.

Dryland Salinity Potential of Western Sydney

Dryland Salinity Potential of Western Sydney within the dataset buffer?

Feature Id	Classification	Description	Distance	Direction
274	MODERATE	Area of Moderate Salinity Potential	0m	On-site
764	HIGH	Area of High Salinity Potential	794m	West
749	WATER	Area of Water	924m	West

Dryland Salinity Potential of Western Sydney Data Source : NSW Office of Environment and Heritage Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en

Mining

15-17 Lupin Avenue, Fairfield East, NSW 2165

Mining Subsidence Districts

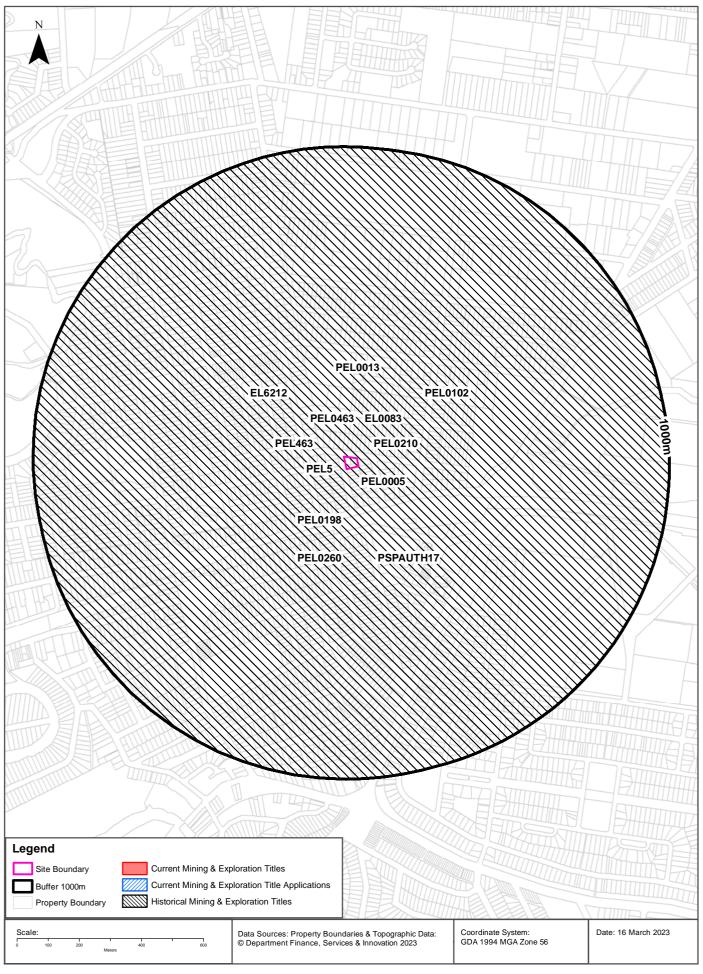
Mining Subsidence Districts within the dataset buffer:

District	Distance	Direction
There are no Mining Subsidence Districts within the report buffer		

Mining Subsidence District Data Source: © Land and Property Information (2016) Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en

Mining & Exploration Titles





Mining

15-17 Lupin Avenue, Fairfield East, NSW 2165

Current Mining & Exploration Titles

Current Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Grant Date	Expiry Date	Last Renewed	Operation	Resource	Minerals	Dist	Dir
N/A	No records in buffer								

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

Current Mining & Exploration Title Applications

Current Mining & Exploration Title Applications within the dataset buffer:

Application Ref	Applicant	Application Date	Operation	Resource	Minerals	Dist	Dir
N/A	No records in buffer						

Current Mining & Exploration Title Applications Data Source: © State of New South Wales through NSW Department of Industry

Mining

15-17 Lupin Avenue, Fairfield East, NSW 2165

Historical Mining & Exploration Titles

Historical Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Start Date	End Date	Resource	Minerals	Dist	Dir
PEL0463	DART ENERGY (APOLLO) PTY LTD	20091010	20150603	PETROLEUM	Petroleum	0m	On-site
	MACQUARIE ENERGY PTY LTD	20070803	20080703	PETROLEUM	Petroleum	0m	On-site
PEL0102	AUSTRALIAN OIL AND GAS CORPORATION LTD			PETROLEUM	Petroleum	0m	On-site
PEL0198	JOHN STREVENS (TERRIGAL) NL			PETROLEUM	Petroleum	0m	On-site
PEL0210	THE AUSTRALIAN GAS LIGHT COMPANY (AGL), NORTH BULLI COLLIERIES PTY LTD			PETROLEUM	Petroleum	0m	On-site
EL0083	CONTINENTAL OIL CO OF AUSTRALIA LIMITED	19670201	19680201	MINERALS		0m	On-site
PEL5	AGL UPSTREAM INVESTMENTS PTY LIMITED	19931111	20011210	MINERALS		0m	On-site
EL6212	HOT ROCK ENERGY PTY LTD,LONGREACH OIL LIMITED	20040304	20130303	MINERALS	Geothermal	0m	On-site
PEL0013	AUSTRALIAN OIL AND GAS CORPORATION LTD			PETROLEUM	Petroleum	0m	On-site
PEL0260	NORTH BULLI COLLIERIES PTY LTD, AGL PETROLEUM OPERATIONS PTY LTD, THE AUSTRALIAN GAS LIGHT CO.	19810909	19930803	PETROLEUM	Petroleum	Om	On-site
PEL0005	AGL UPSTREAM INVESTMENTS PTY LIMITED	19931111	20150403	PETROLEUM	Petroleum	0m	On-site
PEL463	DART ENERGY (APOLLO) PTY LTD	20081022	20130227	MINERALS		0m	On-site

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

State Environmental Planning Policy

15-17 Lupin Avenue, Fairfield East, NSW 2165

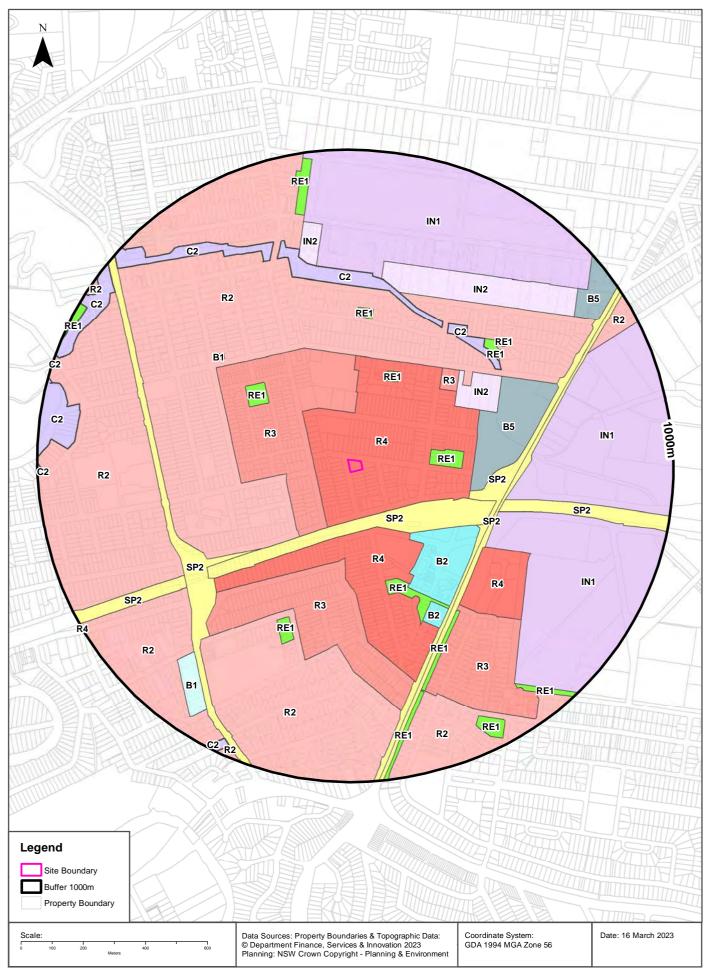
State Significant Precincts

What SEPP State Significant Precincts exist within the dataset buffer?

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

State Environment Planning Policy Data Source: NSW Crown Copyright - Planning & Environment Creative Commons 4.0 © Commonwealth of Australia https://creativecommons.org/licenses/by/4.0/ **EPI Planning Zones**





Environmental Planning Instrument

15-17 Lupin Avenue, Fairfield East, NSW 2165

Land Zoning

What EPI Land Zones exist within the dataset buffer?

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
R4	High Density Residential		Fairfield Local Environmental Plan 2013	28/05/2021	28/05/2021	01/12/2021	Map Amendment No 1	0m	On-site
R3	Medium Density Residential		Fairfield Local Environmental Plan 2013	18/12/2020	18/12/2020	01/12/2021	Amendment No 38	111m	North West
SP2	Infrastructure	Railway	Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		150m	South
R4	High Density Residential		Fairfield Local Environmental Plan 2013	28/05/2021	28/05/2021	01/12/2021	Map Amendment No 1	190m	South
R2	Low Density Residential		Fairfield Local Environmental Plan 2013	18/12/2020	18/12/2020	01/12/2021	Amendment No 38	203m	North West
RE1	Public Recreation		Fairfield Local Environmental Plan 2013	18/12/2020	18/12/2020	01/12/2021	Amendment No 38	214m	East
B2	Local Centre		Fairfield Local Environmental Plan 2013	05/06/2020	05/06/2020	01/12/2021	Amendment No 31	256m	South East
RE1	Public Recreation		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		272m	North East
R3	Medium Density Residential		Fairfield Local Environmental Plan 2013	18/12/2020	18/12/2020	01/12/2021	Amendment No 38	277m	South
RE1	Public Recreation		Fairfield Local Environmental Plan 2013	18/12/2020	18/12/2020	01/12/2021	Amendment No 38	313m	North West
R3	Medium Density Residential		Fairfield Local Environmental Plan 2013	18/12/2020	18/12/2020	01/12/2021	Amendment No 38	343m	North East
IN2	Light Industrial		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		349m	North East
B5	Business Development		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		350m	East
SP2	Infrastructure	Classified Road	Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		351m	South West
RE1	Public Recreation		Fairfield Local Environmental Plan 2013	28/05/2021	28/05/2021	01/12/2021	Map Amendment No 1	367m	South East
SP2	Infrastructure	Road Infrastructure Facility	Bankstown Local Environmental Plan 2015	05/03/2015	05/03/2015	01/12/2021		443m	South East
SP2	Infrastructure	Rail Infrastructure Facility	Bankstown Local Environmental Plan 2015	05/03/2015	05/03/2015	01/12/2021		456m	East
IN1	General Industrial		Bankstown Local Environmental Plan 2015	05/03/2015	05/03/2015	01/12/2021		456m	East
RE1	Public Recreation		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		458m	North
R4	High Density Residential		Bankstown Local Environmental Plan 2015	22/01/2016	22/01/2016	01/12/2021	Amendment No 3	461m	South East
R2	Low Density Residential		Fairfield Local Environmental Plan 2013	18/12/2020	18/12/2020	01/12/2021	Amendment No 38	475m	South
B2	Local Centre		Fairfield Local Environmental Plan 2013	05/06/2020	05/06/2020	01/12/2021	Amendment No 31	477m	South East
C2	Environmental Conservation		Fairfield Local Environmental Plan 2013	05/11/2021	01/12/2021	01/12/2021	Standard Instrument (Local Environmental Plans) Amendment (Land Use Zones) Order 2021	496m	North East

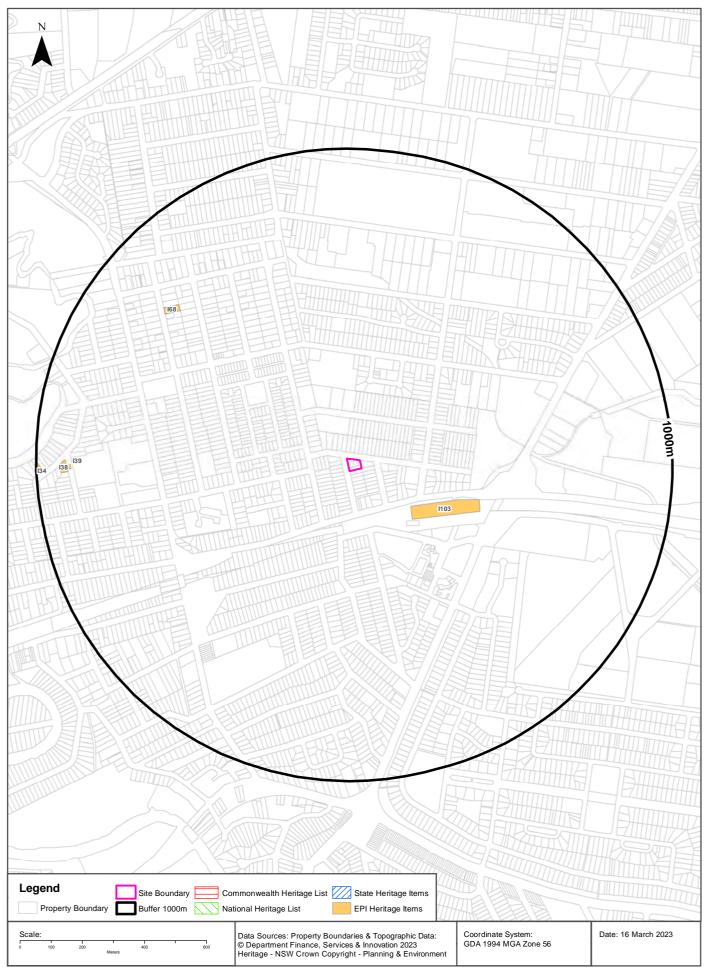
Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
C2	Environmental Conservation		Fairfield Local Environmental Plan 2013	05/11/2021	01/12/2021	01/12/2021	Standard Instrument (Local Environmental Plans) Amendment (Land Use Zones) Order 2021	502m	North
RE1	Public Recreation		Fairfield Local Environmental Plan 2013	14/11/2014	14/11/2014	01/12/2021	Amendment No 10	506m	South West
B1	Neighbourhood Centre		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		514m	North West
R3	Medium Density Residential		Bankstown Local Environmental Plan 2015	22/01/2016	22/01/2016	01/12/2021	Amendment No 3	531m	South East
RE1	Public Recreation		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		540m	North East
RE1	Public Recreation		Bankstown Local Environmental Plan 2015	05/03/2015	05/03/2015	01/12/2021		546m	South East
IN2	Light Industrial		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		559m	North East
RE1	Public Recreation		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		583m	North East
IN1	General Industrial		Fairfield Local Environmental Plan 2013	22/05/2015	22/05/2015	01/12/2021	Amendment No 14	591m	North
R2	Low Density Residential		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		614m	West
SP2	Infrastructure	Railway	Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		630m	South West
IN2	Light Industrial		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		632m	North
R2	Low Density Residential		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		645m	South West
C2	Environmental Conservation		Fairfield Local Environmental Plan 2013	05/11/2021	01/12/2021	01/12/2021	Standard Instrument (Local Environmental Plans) Amendment (Land Use Zones) Order 2021	690m	North West
R2	Low Density Residential		Bankstown Local Environmental Plan 2015	22/01/2016	22/01/2016	01/12/2021	Amendment No 3	734m	South
RE1	Public Recreation		Bankstown Local Environmental Plan 2015	05/03/2015	05/03/2015	01/12/2021		737m	South
B1	Neighbourhood Centre		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		768m	South West
RE1	Public Recreation		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		802m	North
R2	Low Density Residential		Bankstown Local Environmental Plan 2015	05/03/2015	05/03/2015	01/12/2021		805m	North East
B5	Business Development		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		829m	North East
RE1	Public Recreation		Bankstown Local Environmental Plan 2015	05/03/2015	05/03/2015	01/12/2021		845m	South East
C2	Environmental Conservation		Fairfield Local Environmental Plan 2013	05/11/2021	01/12/2021	01/12/2021	Standard Instrument (Local Environmental Plans) Amendment (Land Use Zones) Order 2021	875m	West
RE1	Public Recreation		Bankstown Local Environmental Plan 2015	05/03/2015	05/03/2015	01/12/2021		878m	South East

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
C2	Environmental Conservation		Fairfield Local Environmental Plan 2013	05/11/2021	01/12/2021	01/12/2021	Standard Instrument (Local Environmental Plans) Amendment (Land Use Zones) Order 2021	921m	North West
C2	Environmental Conservation		Fairfield Local Environmental Plan 2013	05/11/2021	01/12/2021	01/12/2021	Standard Instrument (Local Environmental Plans) Amendment (Land Use Zones) Order 2021	950m	South West
R2	Low Density Residential		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		971m	North West
RE1	Public Recreation		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		972m	North West
R4	High Density Residential		Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	01/12/2021		998m	South West

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Heritage Items





Heritage

15-17 Lupin Avenue, Fairfield East, NSW 2165

Commonwealth Heritage List

What are the Commonwealth Heritage List Items located within the dataset buffer?

Place Id	Name	Address	Place File No	Class	Status	Register Date	Distance	Direction
N/A	No records in buffer							

Heritage Data Source: Australian Government Department of the Environment and Energy - Heritage Branch Creative Commons 3.0 © Commonwealth of Australia https://creativecommons.org/licenses/by/3.0/au/deed.en

National Heritage List

What are the National Heritage List Items located within the dataset buffer? Note. Please click on Place Id to activate a hyperlink to online website.

Place Id	Name	Address	Place File No	Class	Status	Register Date	Distance	Direction
N/A	No records in buffer							

Heritage Data Source: Australian Government Department of the Environment and Energy - Heritage Branch Creative Commons 3.0 © Commonwealth of Australia https://creativecommons.org/licenses/by/3.0/au/deed.en

State Heritage Register - Curtilages

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

Map Id	Name	Address	LGA	Listing Date	Listing No	Plan No	Distance	Direction
N/A	No records in buffer							

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Environmental Planning Instrument - Heritage

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

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
1103	Villawood Railway Station group	Item - General	Local	Fairfield Local Environmental Plan 2013	19/09/2014	19/09/2014	04/09/2020	199m	South East
168	Federation cottage	Item - General	Local	Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	04/09/2020	719m	North West
139	Oak tree	Item - General	Local	Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	04/09/2020	888m	West

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
138	Victorian houses	Item - General	Local	Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	04/09/2020	898m	West
134	Blands oak	Item - General	Local	Fairfield Local Environmental Plan 2013	17/05/2013	31/05/2013	04/09/2020	979m	West

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Natural Hazards

15-17 Lupin Avenue, Fairfield East, NSW 2165

Bush Fire Prone Land

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

Bush Fire Prone Land Category	Distance	Direction
No records in buffer		

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

Ecological Constraints - Vegetation & Ramsar Wetlands





15-17 Lupin Avenue, Fairfield East, NSW 2165

Native Vegetation

What native vegetation exists within the dataset buffer?

Map ID	Map Unit Name	Threatened Ecological Community NSW	Threatened Ecological Community EPBC Act	Understorey	Disturbance	Disturbance Index	Dominant Species	Dist	Dir
Urban_E/N	Urban_E/N: Urban Exotic/Native			00: Not assessed	00: Not assessed	0: Not assessed	Urban Exotic/Native	142m	North
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		20: Weeds and exotics	20: Previously cleared 1943	3: High	E.tereticornis/E.a mplifolia/A.floribu nda	487m	North
Plant_n	Plant_n: Plantation (native and/or exotic)			00: Not assessed	00: Not assessed	0: Not assessed	Native or Exotic Plantations	500m	South West
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		15: Grassy natives and exotics	24: Urban mixed use	4: Very high	E.tereticornis/E.b aueriana/A.floribu nda	674m	West
Weed_Ex	Weed_Ex: Weeds and Exotics			00: Not assessed	00: Not assessed	0: Not assessed	Exotic Species >90%cover	776m	West
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		11: Semi sheltered dry/mesic	14: Canopy gaps	2: Moderate	E.tereticornis/E.b aueriana/A.floribu nda	871m	West
S_FoW07	S_FoW07: Cumberland Swamp Oak Riparian Forest	River Flat Eucalypt Forest		20: Weeds and exotics	13: Weeds	3: High	C.glaucaEucalypt s	888m	West
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		30: Melaleuca dominant	13: Weeds	3: High	E.tereticornis/E.b aueriana/A.floribu nda	899m	North West
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		11: Semi sheltered dry/mesic	13: Weeds	3: High	E.tereticornis/E.b aueriana/A.floribu nda	911m	West
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		15: Grassy natives and exotics	31: Parkland open understorey	4: Very high	E.tereticornis/E.b aueriana/A.floribu nda	926m	West
S_FrW03	S_FrW03: Coastal Freshwater Wetland	Freshwater Wetlands on Coastal Floodplains		18: Swampy sedges, shrubs, ferns and herbs	13: Weeds	3: High	T.orientalis/fresh water sedges	937m	North West
S_FoW06	S_FoW06: Cumberland Riverflat Forest	River Flat Eucalypt Forest		15: Grassy natives and exotics	13: Weeds	3: High	E.tereticornis/E.b aueriana/A.floribu nda	971m	West
S_DSF20	S_DSF20: Castlereagh Swamp Woodland	Castlereagh Swamp Woodland		18: Swampy sedges, shrubs, ferns and herbs	15: Regrowth	3: High	M.decora/M.nodo sascattered Eucalypts	989m	West
S_DSF02	S_DSF02: Castlereagh Shale-Gravel Transition Forest	Shale Gravel Transition Forest	Cumberland Plain Woodland/ Shale Gravel Forest (possible)	30: Melaleuca dominant	13: Weeds	2: Moderate	E.fibrosa/E.moluc anna/M.decora/E. longifolia	991m	North East
Water	Water			00: Not assessed	00: Not assessed	0: Not assessed	Water	997m	West

Native Vegetation of the Sydney Metropolitan Area : NSW Office of Environment and Heritage Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en

Ramsar Wetlands

What Ramsar Wetland areas exist within the dataset buffer?

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

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

15-17 Lupin Avenue, Fairfield East, NSW 2165

Groundwater Dependent Ecosystems Atlas

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

Groundwater Dependent Ecosystems Atlas Data Source: The Bureau of Meteorology Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en

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Inflow Dependent Ecosystems Likelihood

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

Inflow Dependent Ecosystems Likelihood Data Source: The Bureau of Meteorology Creative Commons 3.0 © Commonwealth of Australia http://creativecommons.org/licenses/by/3.0/au/deed.en

15-17 Lupin Avenue, Fairfield East, NSW 2165

NSW BioNet Atlas

Species on the NSW BioNet Atlas that have a NSW or federal conservation status, a NSW sensitivity status, or are listed under a migratory species agreement, and are within 10km of the site?

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Amphibia	Litoria aurea	Green and Golden Bell Frog	Endangered	Not Sensitive	Vulnerable	
Animalia	Aves	Actitis hypoleucos	Common Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Anseranas semipalmata	Magpie Goose	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Anthochaera phrygia	Regent Honeyeater	Critically Endangered	Not Sensitive	Critically Endangered	
Animalia	Aves	Apus pacificus	Fork-tailed Swift	Not Listed	Not Sensitive	Not Listed	Rokamba;camba; Jamba
Animalia	Aves	Ardenna tenuirostris	Short-tailed Shearwater	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Arenaria interpres	Ruddy Turnstone	Not Listed	Not Sensitive	Not Listed	Rokamba;camba; Jamba
Animalia	Aves	Artamus cyanopterus cyanopterus	Dusky Woodswallow	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Botaurus poiciloptilus	Australasian Bittern	Endangered	Not Sensitive	Endangered	
Animalia	Aves	Burhinus grallarius	Bush Stone- curlew	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Calidris acuminata	Sharp-tailed Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris ferruginea	Curlew Sandpiper	Endangered	Not Sensitive	Critically Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Callocephalon fimbriatum	Gang-gang Cockatoo	Vulnerable	Category 3	Endangered	
Animalia	Aves	Calyptorhynchus banksii samueli	Red-tailed Black- Cockatoo (inland subspecies)	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Calyptorhynchus lathami	Glossy Black- Cockatoo	Vulnerable	Category 2	Vulnerable	
Animalia	Aves	Circus assimilis	Spotted Harrier	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Daphoenositta chrysoptera	Varied Sittella	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Ephippiorhynchus asiaticus	Black-necked Stork	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Epthianura albifrons	White-fronted Chat	Endangered Population, Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Falco hypoleucos	Grey Falcon	Vulnerable	Category 2	Vulnerable	
Animalia	Aves	Falco subniger	Black Falcon	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Gallinago hardwickii	Latham's Snipe	Not Listed	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Geophaps scripta scripta	Squatter Pigeon (southern subspecies)	Critically Endangered	Not Sensitive	Vulnerable	
Animalia	Aves	Glossopsitta pusilla	Little Lorikeet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Haliaeetus leucogaster	White-bellied Sea-Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Hieraaetus morphnoides	Little Eagle	Vulnerable	Not Sensitive	Not Listed	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Hirundapus caudacutus	White-throated Needletail	Not Listed	Not Sensitive	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Hydroprogne caspia	Caspian Tern	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Ixobrychus flavicollis	Black Bittern	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Lathamus discolor	Swift Parrot	Endangered	Not Sensitive	Critically Endangered	
Animalia	Aves	Limosa lapponica	Bar-tailed Godwit	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Lophochroa leadbeateri	Major Mitchell's Cockatoo	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Lophoictinia isura	Square-tailed Kite	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Melithreptus gularis gularis	Black-chinned Honeyeater (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Motacilla flava	Yellow Wagtail	Not Listed	Not Sensitive	Not Listed	Rokamba;camba; 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	Onychoprion fuscata	Sooty Tern	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Oxyura australis	Blue-billed Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pachycephala olivacea	Olive Whistler	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pandion cristatus	Eastern Osprey	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Petroica boodang	Scarlet Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Petroica phoenicea	Flame Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pezoporus wallicus wallicus	Eastern Ground Parrot	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Pluvialis fulva	Pacific Golden Plover	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Pluvialis squatarola	Grey Plover	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Polytelis anthopeplus monarchoides	Regent Parrot (eastern subspecies)	Endangered	Category 3	Vulnerable	
Animalia	Aves	Polytelis swainsonii	Superb Parrot	Vulnerable	Category 3	Vulnerable	
Animalia	Aves	Rostratula australis	Australian Painted Snipe	Endangered	Not Sensitive	Endangered	
Animalia	Aves	Stictonetta naevosa	Freckled Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Thalasseus bergii	Crested Tern	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Todiramphus chloris	Collared Kingfisher	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Tringa nebularia	Common Greenshank	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
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	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	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Mammalia	Falsistrellus tasmaniensis	Eastern False Pipistrelle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Micronomus norfolkensis	Eastern Coastal Free-tailed Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Miniopterus australis	Little Bent-winged Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Miniopterus orianae oceanensis	Large Bent- winged Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Myotis macropus	Southern Myotis	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Phascogale tapoatafa	Brush-tailed Phascogale	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Phascolarctos cinereus	Koala	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	Pteropus poliocephalus	Grey-headed Flying-fox	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Saccolaimus flaviventris	Yellow-bellied Sheathtail-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Scoteanax rueppellii	Greater Broad- nosed Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Vespadelus troughtoni	Eastern Cave Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	Caretta caretta	Loggerhead Turtle	Endangered	Not Sensitive	Endangered	
Animalia	Reptilia	Chelonia mydas	Green Turtle	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Reptilia	Uvidicolus sphyrurus	Border Thick- tailed Gecko	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Acacia bynoeana	Bynoe's Wattle	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Acacia pubescens	Downy Wattle	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Allocasuarina diminuta subsp. mimica		Endangered Population	Not Sensitive	Not Listed	
Plantae	Flora	Callistemon linearifolius	Netted Bottle Brush	Vulnerable	Category 3	Not Listed	
Plantae	Flora	Cymbidium canaliculatum	Tiger Orchid	Not Listed	Category 2	Not Listed	
Plantae	Flora	Deyeuxia appressa		Endangered	Not Sensitive	Endangered	
Plantae	Flora	Diuris aequalis	Buttercup Doubletail	Endangered	Category 2	Vulnerable	
Plantae	Flora	Epacris purpurascens var. purpurascens		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Eucalyptus leucoxylon subsp. pruinosa	Yellow Gum	Vulnerable	Not Sensitive	Not Listed	
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	Grammitis stenophylla	Narrow-leaf Finger Fern	Endangered	Category 3	Not Listed	
Plantae	Flora	Grevillea beadleana	Beadle's Grevillea	Endangered	Category 3	Endangered	
Plantae	Flora	Grevillea parviflora subsp. parviflora	Small-flower Grevillea	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Hibbertia fumana		Critically Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Hibbertia puberula		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Hibbertia sp. Bankstown		Critically Endangered	Not Sensitive	Critically Endangered	
Plantae	Flora	Isotoma fluviatilis subsp. fluviatilis		Not Listed	Category 3	Extinct	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Plantae	Flora	Leucopogon exolasius	Woronora Beard- heath	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Macadamia integrifolia	Macadamia Nut	Not Listed	Not Sensitive	Vulnerable	
Plantae	Flora	Macadamia tetraphylla	Rough-shelled Bush Nut	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Marsdenia viridiflora subsp. viridiflora	Native Pear	Endangered Population	Not Sensitive	Not Listed	
Plantae	Flora	Persoonia hirsuta	Hairy Geebung	Endangered	Category 3	Endangered	
Plantae	Flora	Persoonia nutans	Nodding Geebung	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Pimelea spicata	Spiked Rice- flower	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Pomaderris brunnea	Brown Pomaderris	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Pomaderris prunifolia	Plum-leaf Pomaderris	Endangered Population	Not Sensitive	Not Listed	
Plantae	Flora	Pultenaea parviflora		Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Pultenaea pedunculata	Matted Bush-pea	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Rhodamnia rubescens	Scrub Turpentine	Critically Endangered	Not Sensitive	Critically Endangered	
Plantae	Flora	Syzygium paniculatum	Magenta Lilly Pilly	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Tetratheca glandulosa		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Triplarina imbricata	Creek Triplarina	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Wahlenbergia multicaulis	Tadgell's Bluebell	Endangered Population	Not Sensitive	Not Listed	
Plantae	Flora	Wilsonia backhousei	Narrow-leafed Wilsonia	Vulnerable	Not Sensitive	Not Listed	

Data does not include NSW category 1 sensitive species. NSW BioNet: C State of NSW and Office of Environment and Heritage

Location Confidences

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

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

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- 3. Neither Lotsearch (nor any of its officers, employees or agents) nor any of its Third Party Content Suppliers will have any liability to End User or any person to whom End User provides the Report and End User must not represent that Lotsearch or any of its Third Party Content Suppliers accepts liability to any such person or make any other representation to any such person on behalf of Lotsearch or any Third Party Content Supplier.
- 4. The End User hereby to the maximum extent permitted by law:
 - (a) acknowledges that the Lotsearch (nor any of its officers, employees or agents), nor any of its Third Party Content Supplier have any liability to it under or in connection with the

Report or these Terms;

- (b) waives any right it may have to claim against Third Party Content Supplier in connection with the Report, or the negotiation of, entry into, performance of, or termination of these Terms; and
- (c) releases each Third Party Content Supplier from any claim it may have otherwise had in connection with the Report, or the negotiation of, entry into, performance of, or termination of these Terms.
- 5. The End User acknowledges that any Third Party Supplier shall be entitled to plead the benefits conferred on it under clause 4, despite not being a party to these terms.
- 6. End User must not remove any copyright notices, trade marks, digital rights management information, other embedded information, disclaimers or limitations from the Report or authorise any person to do so.
- 7. End User acknowledges and agrees that Lotsearch and Third Party Content Suppliers retain ownership of all copyright, patent, design right (registered or unregistered), trade marks (registered or unregistered), database right or other data right, moral right or know how or any other intellectual property right in any Report or any other item, information or data included in or provided as part of a Report.
- 8. To the extent permitted by law and subject to paragraph 9, all implied terms, representations and warranties whether statutory or otherwise relating to the subject matter of these Terms other than as expressly set out in these Terms are excluded.
- 9. Subject to paragraph 6, Lotsearch excludes liability to End User for loss or damage of any kind, however caused, due to Lotsearch's negligence, breach of contract, breach of any law, in equity, under indemnities or otherwise, arising out of all acts, omissions and events whenever occurring.
- 10. Lotsearch acknowledges that if, under applicable State, Territory or Commonwealth law, End User is a consumer certain rights may be conferred on End User which cannot be excluded, restricted or modified. If so, and if that law applies to Lotsearch, then, Lotsearch's liability is limited to the greater of an amount equal to the cost of resupplying the Report and the maximum extent permitted under applicable laws.
- 11. Subject to paragraph 9, neither Lotsearch nor the End User is liable to the other for:
 - (a) any indirect, incidental, consequential, special or exemplary damages arising out of or in relation to the Report or these Terms; or
 - (b) any loss of profit, loss of revenue, loss of interest, loss of data, loss of goodwill or loss of business opportunities, business interruption arising directly or indirectly out of or in relation to the Report or these Terms,

irrespective of how that liability arises including in contract or tort, liability under indemnity or for any other common law, equitable or statutory cause of action or otherwise.

12. These Terms are subject to New South Wales law.



Appendix D

Planning Certificates s10.7



14/03/2023

TRACE Environmental Shop 2, 793-799 New Canterbury Rd Dulwich Hill NSW 2203

Dear Sir/ Madam,

Following is your planning certificate as requested. Should you have any further queries please contact Council on (02) 9725 0821.

PLANNING CERTIFICATE

(under section 10.7 of the Environmental Planning and Assessment Act 1979 as amended)

Applicant: Certificate No.: Applicant's Reference: Issue Date: Receipt No.: TRACE Environmental 924/2023 99.125 14/03/2023

PROPERTY ADDRESS: LEGAL DESCRIPTION: 17 Lupin Avenue FAIRFIELD EAST NSW 2165 Lot: 1 DP: 1154467

Marcus Rowan MANAGER STRATEGIC LAND USE PLANNING

PLEASE NOTE: This is page 1 of 18. Should this certificate or any subsequent copy not contain this many pages, please confirm with Council prior to acting on the basis of information contained in this certificate under Section 10.7(2) & (5) and inclusive of Flood Information Sheet.



Information provided under Section 10.7(2) of the Environmental Planning and Assessment Act 1979

Notes:

- (1) The following prescribed matters may apply to the land to which this certificate relates.
- (2) Where this certificate refers to a specific allotment (or allotments) within a strata plan, the certificate is issued for the whole of the land within the strata plan, not just the specific allotment(s) referred to, and any information contained in the certificate may relate to the whole, or any part, of the strata plan.
- (3) The following information is provided pursuant to Section 10.7(2) of the Environmental Planning and Assessment Act 1979 as prescribed by Schedule 3 of the Environmental Planning and Assessment Regulation 2021 and is applicable as at the date of this certificate.
- (4) Information provided in this certificate should be interpreted in conjunction with the relevant plans, policies and documents held at Council. In order to obtain copies of these documents you may purchase them by either contacting Council on (02) 9725 0821 or attending Council's Administration Centre at 86 Avoca Road, Wakeley.

1. Names of relevant planning instruments and development control plans

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

State Environmental Planning Policies (SEPP)

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

State Environmental Planning Policy (Transport and Infrastructure) 2021

State Environmental Planning Policy (Biodiversity and Conservation) 2021

State Environmental Planning Policy (Primary Production) 2021

State Environmental Planning Policy (Resilience and Hazards) 2021

State Environmental Planning Policy (Industry and Employment) 2021

State Environmental Planning Policy (Resources and Energy 2021

State Environmental Planning Policy (Planning Systems) 2021

State Environmental Planning Policy (Precincts – Western Parkland City) 2021

State Environmental Planning Policy (Housing) 2021

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

State Environmental Planning Policy No 65 – Design and Quality Residential Apartment Development

Regional Environmental Plans (Deemed SEPP)

There is no Regional Environmental Plan applying to this land.

Local Environmental Plans (LEP)

Fairfield Local Environmental Plan 2013 Published on NSW Legislation Website: 17/05/2013. In Force from: 31/05/2013. As Amended.

Development Control Plans (DCP)

The land is subject to adopted Development Control Plans. (See attached schedule).

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

Draft State Environmental Planning Policies (SEPP)

There is no draft SEPP applying to this land.

Draft Local Environmental Plan (LEP)

Fairfield Local Environmental Plan 2013 (Amendment No.46). The amendment aims to: (a). Rezone certain land and/or amend development standards for certain land in the Fairfield, Cabramatta, Canley Vale and Carramar centres and in adjoining residential areas in Canley Vale and Carramar (if applicable, details are provided under section 2 of this planning certificate below); (b). Increase the floor space ratio and height of building under certain circumstances in Zone R3 Medium Density Residential in the eastern part of the City; (c). Replace clause 6.4 - Floodplain Risk Management with a new standard flood clause 5.22 - Special Flood Considerations; and (d). List four new local heritage items in Schedule 5 Environmental Heritage. Council's Outcomes Committee at its meeting held on 14 June 2022 resolved to endorse the above changes inclusive of the new land use zonings and associated development standards. Amendment No.46 will come into effect once further endorsed and implemented by the NSW Department of Planning and Environment on the NSW Legislation website.

Draft Development Control Plan (DCP)

No Draft DCP applies

(3) Subclass (2) does not apply in relation to a proposed environmental planning instrument or draft development control plan if –

- a) It has been more than 3 years since the end of the public exhibition period for the proposed instrument or draft plan, or
- b) for a proposed environmental planning instrument the Planning Secretary has notified the council that the making of the proposed instrument has been deferred indefinitely or has not been approved.

None relevant.

(4) In this section, *proposed environmental planning instrument* means a draft environmental planning instrument and includes a planning proposal for a local environmental plan.

2. Zoning and land use under relevant planning instruments

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

(a) what is the identity of the zone,

R4 High Density Residential

- (b) the purposes for which development in the zone
- (i) may be carried out without development consent

Environmental protection works; Home-based child care; Home occupations.

(ii) may not be carried out except with development consent

Boarding houses; Centre-based child care facilities; Community facilities; Neighbourhood shops; Oyster aquaculture; Places of public worship; Residential flat buildings; Respite day care centres; Roads; Shop top housing; Any other development not specified in item (b)(i) or (b)(iii).

(iii) is prohibited,

Agriculture; Air transport facilities; Airstrips; Amusement centres; training establishments; Animal boarding or Backpackers' accommodation: Bed and breakfast accommodation: Biosolids treatment facilities; Boat building and repair facilities; Boat launching ramps; Boat sheds; Camping grounds; Car parks; Caravan parks; Cemeteries; Charter and tourism boating facilities; Commercial premises; Correctional centres; Crematoria; Depots; Dual occupancies; Eco-tourist facilities; Electricity generating works; Entertainment facilities; Environmental facilities; Extractive industries; Farm buildings; Forestry; Freight transport facilities; Function centres; Heavy industrial storage establishments; Helipads; Highway service centres; Home businesses; Home industries; Home occupations (sex services); Hotel or motel accommodation; Industrial retail outlets; Industrial training facilities; Industries; Jetties; Local distribution premises; Marinas; Mooring pens; Moorings; Mortuaries; Open cut mining; Passenger transport facilities; Recreation facilities (indoor); Recreation facilities (major); Recreation facilities (outdoor); Registered clubs; Research stations; Restricted premises; Rural industries; Rural workers' dwellings; Service stations; Sewage treatment plants; Sex services premises; Storage premises; Transport depots; Truck depots; Vehicle body repair workshops; Vehicle repair stations; Veterinary hospitals; Warehouse or distribution centres; Waste or resource management facilities; Water recreation structures; Water recycling facilities; Water supply systems; Wharf or boating facilities; Wholesale supplies.

c) whether any additional uses apply to the land,

There are no additional uses permitted with consent.

d) whether any development standards applying to the land fix minimum land dimensions for the erection of a dwelling house on the land and, if so, the fixed minimum land dimensions,

No development standards that fix the minimum land dimensions for the erection of a dwelling house apply to this land. Controls in other policies and plans may apply.

(e) whether the land is in an area of outstanding biodiversity value under the *Biodiversity Conservation Act 2016*,

No.

(f) whether the land is in a conservation area, however described,

No

(g) whether an item of environmental heritage, however described, is located on the land.

No.

Attention is drawn however to Clause 5.10(5) of Fairfield Local Environmental Plan 2013:

"The consent authority may, before granting consent to any development:

(a) on land on which a heritage item is located, or

(b) on land that is within a heritage conservation area, or

(c) on land that is within the vicinity of land referred to in paragraph (a) or (b),

require a heritage management document to be prepared to assess the extent to which the carrying out of the proposed development would affect the heritage significance of the heritage item or heritage conservation area concerned."

3. Contributions plans

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

Fairfield City Council indirect (Section 7.12) Development Contributions Plan 2011 applies to all land within the City of Fairfield. Fairfield City Council direct (Section 7.11) Development Contributions Plan 2011 applies to this land.

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

None.

4. Complying development

(1) If the land is land on which complying development may be carried out under each of the complying development codes under *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* because of that Policy clause 1.17A (1) (c)- (e), (2), (3) or (4), 1.18 (1)(c3) or 1.19.

Housing Code:

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

Rural Housing Code: No. The Rural Housing Code does not apply to this land.

Low Rise Housing Diversity Code: No. The Low Rise Housing Diversity Code does not apply to the land.

Housing Alterations Code:

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

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

Industrial and Business Alterations Code: Complying development under the Industrial and Business Alterations Code may be carried out on the land.

Industrial and Business Buildings Code: No. The Industrial and Business Buildings Code does not apply to the land.

Container Recycling Facilities Code: No. The Container Recycling Facilities Code does not apply to the land.

Subdivisions Code:

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

Demolition Code:

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

Fire Safety Code:

Complying development under the Fire Safety Code may be carried out on the land.

Agritourism Code:

No. The Agritourism Code does not apply to the land.

(2) If complying development may not be carried out on the land because of one of those clauses, the reasons why it may not be carried out under the clause.

None relevant.

- (3) If the council does not have sufficient information to ascertain the extent to which complying development may or may not be carried out on the land, a statement that
 - (a) a restriction applies to the land, but it may not apply to all of the land, and
 - (b) the council does not have sufficient information to ascertain the extent to which complying development may or may not be carried out on the land.

Council does not have any relevant statement to make in relation to any further restrictions that may apply to complying development being carried out on the land. All information in relation to the extent that complying development can be carried out on the land is provided under Part 4(1) & (2) of this certificate.

Note: Part 4(1) and (2) refers only to land based exclusions as listed in Clauses 1.17A (1) (c) to (e), (2), (3) and (4), 1.18 (1) (c3) and 1.19 of the SEPP (Exempt and Complying Development Codes) 2008. To be complying development, the development must be complying development that meets the standards and other requirements specified for that development as required by the SEPP. Please contact your accredited certifier or Council for further information.

(4) If the complying development codes are varied, under that Policy, clause 1.12, in relation to the land.

The Housing Code is varied in its application by omitting clauses 3.16(1(a) and 4 and 3.23(3).

5. Exempt development

(1) If the land is land on which exempt development may be carried out under each of the exempt development codes under the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 because of that Policy, clause 1.16(1)(b1)–(d) or 1.16A.

Yes - exempt development may be carried out on the land.

(2) If exempt development may not be carried out on the land because of one of those clauses, the reasons why it may not be carried out under the clause.

Not applicable

- (3) If the council does not have sufficient information to ascertain the extent to which exempt development may or may not be carried out on the land, a statement that—
 - (a) a restriction applies to the land, but it may not apply to all of the land, and

None relevant

(b) the council does not have sufficient information to ascertain the extent to which exempt development may or may not be carried out on the land.

To be exempt development, the development must meet the requirements and criteria specified under the SEPP (Exempt and Complying Development Codes) 2008 that can be viewed on the NSW Legislation Website at www.legislation.nsw.gov.au/browse/inforce.

(4) If the exempt development codes are varied, under that Policy, clause 1.12, in relation to the land.

None.

6. Affected building notices and building product rectification orders

- (1) Whether the council is aware that
 - (a) an affected building notice is in force in relation to the land, or
 - (b) a building product rectification order is in force in relation to the land that has been fully complied with, or
 - (c) a notice of intention to make a building product rectification order given in relation to the land is outstanding.
- In this section –
 affected building notice has the same meaning as in the Building Products (Safety) Act 2017, Part 4.

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

None relevant.

7. Land reserved for acquisition

Whether an environmental planning instrument or proposed environmental planning instrument referred to in section 1 makes provision in relation to the acquisition of the land by an authority of the State, as referred to in the Act, section 3.15.

The land is not reserved for acquisition under Fairfield Local Environmental Plan 2013.

8. Road widening and road realignment

Whether the land is affected by road widening or road realignment under-

- (a) the Roads Act 1993, Part 3, Division 2, or
- (b) an environmental planning instrument, or
- (c) a resolution of the council.

The land is not affected by any road widening proposal under Division 2 of Part 3 of the Roads Act or Fairfield Local Environmental Plan 2013.

9. Flood related development controls

(1) If the land or part of the land is within the flood planning area and subject to flood related development controls.

Based on the information currently available to Council, the land is not within the flood planning area. However, this is subject to future flood studies and reviews.

Mainstream Flooding

Based on the information currently available to Council, this land is not affected by mainstream flooding. However, this is subject to future flood studies and reviews.

Overland Flooding

Based on the information currently available to Council, this land is not affected by overland flooding. However, this is subject to future flood studies and reviews.

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

Based on the information currently available to Council, the land is not between the flood planning area and the probable maximum flood. However, this is subject to future flood studies and reviews. **Note:** The flood information is the current information to date. However, Council reviews flood studies on an on-going basis and new information may become available in future. Please contact Council's Catchment Planning Division on 9725 0222 for any updated information.

(3) In this clause –
 flood planning area has the same meaning as the Floodplain Development Manual.
 Floodplain Development Manual means the Floodplain Development Manual (ISBN 0 7347 5476 0) published by the NSW Government in April 2005.
 probable maximum flood has the same meaning as in the Floodplain Development Manual.

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

(1) Whether any of the land is affected by an adopted policy that restricts the development of the land because of the likelihood of land slip, bush fire, tidal inundation, subsidence, acid sulfate soils, contamination, aircraft noise, salinity, coastal hazards, sea level rise or another risk, other than flooding.

Policies on hazard risk restrictions are as follows:

(i) Landslip

The land is not affected by a policy adopted by Council or adopted by any other public authority and notified to Council (for the express purpose of its adoption by that authority being referred to in Planning Certificates issued by Council) that restricts development on the land because of the likelihood of landslide risk or subsidence.

(ii) Bushfire

Council has been supplied by the NSW Rural Fire Service with a hazard map for the purposes of a bush fire risk management plan applying to land within the Fairfield local government area. Based on that map, it appears the land referred to in this certificate is not bush fire prone as defined in Part 4 of the Environmental Planning and Assessment Act 1979.

(iii) Tidal Inundation

No.

(iv) Subsidence

No, the land is not so affected

(v) Acid Sulfate Soils

The land is not affected by a policy adopted by Council or adopted by any other public authority and notified to Council (for the express purpose of its adoption by that authority being referred to in Planning Certificates issued by Council) that restricts development on the land because of the likelihood of acid sulfate soils.

(vi) Contamination

The provisions of Section 3.6 - Land Contamination of the Fairfield City Wide DCP applies to all land in the Fairfield Local Government Area. Under State Government planning legislation, this requires Council to take into consideration the potential for contamination of land when a development application or a rezoning proposal is considered by Council, having regard to current or previous uses of the land

(vii) Aircraft Noise

None relevant

(viii) Salinity

A Council adopted policy -No 67. Building in saline environments applies to the land.

(ix) Coastal hazards

None relevant.

(x) Sea level rise

None relevant.

(xi) Any other risks

No, the land is not so affected

(2) In this section—

adopted policy means a policy adopted—

- (a) by the council, or
- (b) by another public authority, if the public authority has notified the council that the policy will be included in a planning certificate issued by the council.

11. Bush fire prone land

- (1) If any of the land is bush fire prone land, designated by the Commissioner of the NSW Rural Fire Service under the Act, section 10.3, a statement that all or some of the land is bush fire prone land.
- (2) If none of the land is bush fire prone land, a statement to that effect.

Council has been supplied by the NSW Rural Fire Service with a hazard map for the purposes of a bush fire risk management plan applying to land within the Fairfield local government area. Based on that map, it appears the land referred to in this certificate is not bush fire prone as defined in Part 4 of the Environmental Planning and Assessment Act 1979.

12. Loose-fill asbestos insulation

If the land includes any residential premises, within the meaning of the *Home Building Act 1989, Part 8, Division 1A,* that are listed on the register kept under that Division, a statement to that effect.

Not Applicable.

13. Mine Subsidence

Whether the land is declared to be a mine subsidence district, within the meaning of of the *Coal Mine Subsidence Compensation Act* 2017.

No, this land is not affected.

14. Paper subdivision information

- (1) The name of any development plan adopted by a relevant authority that
 - (a) applies to the land, or
 - (b) is proposed to be subject to a ballot.
- (2) The date of any subdivision order that applies to the land.
- (3) Words and expressions used in this section have the same meaning as in this Regulation, Part 10 and the Act, Schedule 7.

No such plan or order applies to the land.

15. Property vegetation plans

If the land is land in relation to which a property vegetation plan approved and in force under the *Native Vegetation Act 2003*, Part 4, a statement to that effect, but only if the council has been notified of the existence of the plan by the person or body that approved the plan under that Act.

No.

16. Biodiversity stewardship sites

If the land is a biodiversity stewardship site under a biodiversity stewardship agreement under the *Biodiversity Conservation Act 2016*, Part 5, a statement to that effect, but only if the council has been notified of the existence of the agreement by the the Biodiversity Conservation Trust.

Note: "Biodiversity stewardship agreements include biobanking agreements under the *Threatened Species Conservation Act 1995,* Part 7A that are taken to be biodiversity stewardship agreements under the *Biodiversity Conservation Act 2016,* Part 5.

No such agreement applies to the land.

17. Biodiversity certified land

If the land is biodiversity certificate land under the *Biodiversity Conservation Act* 2016, Part 8, a statements to that effect.

Note : Biodiversity certified land includes land certified under the *Threatened Species Conservation Act*, Part 7AA that is taken to be certified under the *Biodiversity Conservation Act 2016, Part 8.*

The land is not biodiversity certified land.

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

Whether an order has been made under the *Trees (Disputes between Neighbours) Act 2006* to carry out work in relation to a tree on the land, but only if the council has been notified of the order.

No

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

- (1) If the *Coastal Management Act 2016* applies to the council, whether the owner, or a previous owner, of the land has given written consent to the land being subject to annual charges under the *Local Government Act 1993*, section 496B, for coastal protection services that relate to existing coastal protection works.
- (2) In this section -

existing coastal protection works has the same meaning as in the *Local Government Act 1993*, section 553B.

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

No annual charges under section 553B of the *Local Government Act 1993*, are applicable to the land.

20. Western Sydney Aerotropolis

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

(a) in an ANEF or ANEC contour of 20 or greater as referred to in that Chapter, section 4.17, or

No

(b) shown on the Lighting Intensity and Wind Shear Map, or

No

(c) shown on the Obstacle Limitation Surface Map, or

No

(d) in the "public safety area" on the Public Safety Area Map, or

No

(e) in the "3 kilometre wildlife buffer zone" or the "13 kilometre wildlife buffer zone" on the Wildlife Buffer Zone Map.

No

21. Development consent conditions for seniors housing

If *State Environmental Planning Policy (Housing) 2021*, Chapter 3, Part 5 applies to the land, any conditions of a development consent granted after 11 October 2007 in relation to the land that are of the kind set out in that Policy, clause 88(2).

None.

22. Site compatibility certificates and development consents for affordable rental housing

- (1) Whether there is a current site compatibility certificate under State Environmental Planning Policy (Housing) 2021, or a former site compatibility certificate, of which the council is aware, in relation to proposed development on the land and, if there is a certificate—
 - (a) the period for which the certificate is current, and
 - (b) that a copy may be obtained from the Department.

None.

(2) If State Environmental Planning Policy (Housing) 2021, Chapter 2, Part 2, Division 1 or 5 applies to the land, any conditions of a development consent in relation to the land that are of a kind referred to in that Policy, clause 21(1) or 40(1).

None.

(3) Any conditions of a development consent in relation to land that are of a kind referred to in *State Environmental Planning Policy (Affordable Rental Housing)* 2009, clause 17(1) or 38(1).

None.

(4) In this section—

former site compatibility certificate means a site compatibility certificate issued under *State Environmental Planning Policy (Affordable Rental Housing)* 2009.

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

- (a) that the land to which the certificate relates is significantly contaminated land-—if the land (or part of the land) is significantly contaminated land at the date when the certificate is issued,
- (b) that the land to which the certificate relates is subject to a management order—if it is subject to such an order at the date when the certificate is issued,
- (c) that the land to which the certificate relates is the subject of an approved voluntary management proposal—if it is the subject of such an approved proposal at the date when the certificate is issued,
- (d) that the land to which the certificate relates is subject to an ongoing maintenance order—if it is subject to such an order at the date when the certificate is issued,
- (e) that the land to which the certificate relates is the subject of a site audit statement—if a copy of such a statement has been provided at any time to the local authority issuing the certificate.

Continuously updated information in relation to the above matters can also be found by searching the records of the Environmental Protection Authority (EPA) at the website of the EPA. The search page can be found at: http://www.epa.nsw.gov.au/prcImapp/searchregister.aspx.

The following information is available to Council but may not be current:

The land is not within an investigation area or remediation site under Part 3 of the Contaminated Land Management Act 1997.

The land is not subject to a management order within the meaning of the Contaminated Land Management Act 1997.

The land is not subject to a Voluntary Management Proposal that is the subject of the Environment Protection Authority's agreement under Section 17 of the Contaminated Land Management Act 1997.

The land is not subject of a site audit statement within the meaning of the Contaminated Land Management Act 1997.

Note 2: Any advice received by Council pursuant to section 26(2) of the Nation Building and Jobs Plan (State Infrastructure Delivery) Act 2009, is included below.

No such certificate applies to the land.

FAIRFIELD CITY COUNCIL DEVELOPMENT CONTROL PLANS

Fairfield Citywide Development Control Plan

Title	Adopted by Council*	Effective Date
Fairfield Citywide Development Control Plan 2013	13 November 2012	31 May 2013
<u>Amendment No.1</u> change maximum height permissible for detached secondary dwellings, clarify requirements and correct various anomalies, incorporate outdoor dining policy into a number of site specific DCPs (see table below)	11 February 2014	5 March 2014
Amendment No.2 amend chapter 2 to reference Site Specific DCP – Wetherill Park Market Town	20 March 2013	7 March 2014
Amendment No.3 Introduce Chapter 4B - Secondary Dwellings in Rural Area - Horsley Park and Cecil Park	11 December 2013	14 March 2014
Amendment No. 4 amends Chapter 9 Industrial Development Site Specific Controls for 449 Victoria Street and 96 Newton Road, Wetherill Park	24 September 2013	21 March 2014
Amendment No.5 amends Chapters 2 and 10 and Appendix B to ensure provisions within the DCP are in line with the SEPP (Exempt and Complying Development Codes) 2008.	13 May 2014	28 May 2014
<u>Amendment No. 5A</u> amends Chapter 6A – Multi Dwelling Housing – Town house and Villas: Site Specific DCP – 46 & 50 Cobbett Street, Wetherill Park.	12 March 2013	22 August 2014
<u>Amendment No. 6</u> including increase to building heights for detached granny flats, removal of reference to minimum lot sizes for R1 zoned lands, inclusion of new controls and provisions relating to neighbourhood shops and pad mounted sub stations, clarify requirements and correct a number of anomalies associated with secondary dwellings, dual occupancy, narrow lots and residential flat buildings and other minor inconsequential amendments.	12 August 2014	3 September 2014
Amendment No. 6A amends Chapter 14 Subdivision – Applying to land located on 630 Elizabeth Drive and 9-10 Schubert Place, Bonnyrigg Heights to facilitate a future road link between Stivala Place and Schubert Place.	12 August 2014	3 September 2014
<u>Amendment No.7</u> proposed amendments include – Additional Controls for Child Care Centres, Boarding Houses and Granny Flats; Revised Heritage Chapter; New provisions relating to CCTV for specific land uses, and; Acoustic measures for development in the Rural Area.	25 November 2014	3 December 2014
Amendment No. 7A amends Chapter 10 Miscellaneous Development - applying to land located on 1 Bartley Street, Cabramatta to facilitate the development of a hotel or motel accommodation at the Cabravale Diggers site.	26 August 2014	16 January 2015
<u>Amendment 8</u> amends Chapter 9 – Industrial Development. This amendment includes provisions for industrial/employment development proposals in close proximity to residential land. The amended controls cover the following issues: General Design Requirements (including setback considerations, driveways, loading and storage areas, etc); Bulk and scale; Vehicular and Pedestrian Access Privacy; Light Spill; Noise and Vibration; and Landscaping.	10 March 2015	1 April 2015
Amendment 9 includes new provisions relating to various forms of residential development including: Building Appearance, Landscaping, Private Open space, Minimum Lot Width, Car Parking Rates and Notification of S82A Applications.	12 May 2015	27 May 2015
Amendment 10 including amendments to: • the intent of the Development Control Plan and Development Application process – the DA Guide • provisions for rural zone development • residential flat building setbacks • heritage advice • road classifications	14 July 2015	5 August 2015
<u>Amendment No.11</u> includes site specific development controls (private open space, car parking and dwelling density) for 46-50 Cobbett Street, Wetherill Park included in Chapter 6A Multi Dwelling Housing – Townhouses and Villas.	1 December 2015	16 December 2015

<u>Amendment No. 12</u> addresses anomalies in the DCP including but not limited to providing clarity on minimum room sizes, updated acoustic proofing measures for new dwellings in rural areas, car parking rates for disabled parking, and provisions for site servicing and loading requirements in neighbourhood shops in residential zones.	10 May 2016	25 May 2016
<u>Amendment No. 13</u> Clarification to requirements for acoustic measures for development in the rural areas, location of alfresco areas for secondary dwellings, car parking rates for restaurants & amendments to ensure controls for residential flat buildings are consistent with the State Environmental Planning Policy No 65 – Design Quality of Residential Apartment Development & associated Apartment Design Guide.	14 March 2017	5 April 2017
Amendment No. 14 Site specific provisions for 620 Elizabeth Drive, Bonnyrigg Heights.	27 June 2017	15 September 2017
Amendment No. 15 Amendment to Appendix G, and addition of Appendix H to introduce Aboriginal Heritage Management controls for development across Fairfield City	12 September 2017	28 February 2018
Amendment No. 16 Amendments provide clarity relating to alfresco areas and carports provisions for secondary dwellings, lot width provisions for dual occupancy and multi dwelling housing on cul-de-sac heads, setbacks for residential flat buildings on corner sites, removal of Chapter 8B Neighbourhood and Local Centres – Mixed Use (Up to 2 storeys) to ensure consistency with the Apartment Design Guide, inclusion of accessibility requirements, inclusion of Council's Stormwater Management Policy, and guidelines for acknowledging petitions.	27 February 2018	21 March 2018
<u>Amendment No. 18</u> Amendment to Chapter 10.11 to revise existing site specific DCP in relation to the Cabravale Diggers Club site at 1 Bartley Street, Canley Vale	14 November 2017	28 February 2018
Amendment No. 19 Amendment to introduce site specific development controls for 17-23 Longfield Street, Cabramatta.	11 September 2018	28 February 2019
Amendment No. 20 Amendment No. 20 provides clarity on controls and guidelines within the following chapters: Chapter 3 – Environmental Management and Constraints; Chapter 4A – Development in the Rural Zones; Chapter 5A – Dwelling Houses; Chapter 5B – Secondary Dwellings; Chapter 6A – Multi Dwelling Housing; Chapter 6B – Dual Occupancy; Chapter 9 – Industrial Development; and Chapter 14 – Subdivision	12 February 2019	13 March 2019
Amendment No. 22 Amendment No. 22 provides clarity on control and guidelines within the following chapters: • Appendix A – Definitions • Chapter 2 – Development Application Process • Chapter 3 – Environmental Management and Constraints • Chapter 5A – Dwelling Houses • Chapter 5B – Secondary Dwellings • Chapter 5C – Dwelling Houses on Narrow Lots • Chapter 7 – Residential Flat Buildings and Shop Top Housing • Chapter 8 – Neighbourhood and Local Centres Business Use • Chapter 12 – Car Parking, Vehicle and Access Management • Chapter 13 – Child Care Centres • Chapter 14 - Subdivision	9 June 2020	21 September 2020

Place Based and Site Specific Development Control Plans

Title	Adopted by Council*	Effective Date
Bonnyrigg Town Centre DCP 2018	6 August 2019	4 September 2020
 Cabramatta Town Centre DCP (5/2000) Amendment No.1 (Outdoor Dining Controls -5.3.2014) Amendment No.2 (New clause regarding Model Submission - 3.09.2014) Amendment No.3 (Amended clauses and map regarding Precinct 2- Dutton Lane Car Park) Amendment No. 4 (Precinct 4A – East side market square and station interface) 	10 May 2022	07 October 2022
 Fairfield City Centre DCP 2013 <u>Amendment No.1</u> (Outdoor Dining Controls – 5.3. 2014) <u>Amendment No. 2</u> (Remove reference to Public Art Guide and update signage controls reference – 3.09.2014) <u>Amendment No. 3</u> (removes reference to the Fairfield Art Strategy as Council has not formally adopted a Public Art Strategy) 	10 May 2016	25 May 2016
 Canley Corridor DCP No.37 (2013) (Canley Vale and Canley Heights town centres) Amendment No.1: (Development Controls for Adams Reserve 12.9.2006) Amendment No.2: (Development Controls for 45-47 Peel St, Canley Heights 9.4.2008) Amendment No.3: (Awnings controls 3.11.2010) Amendment No.4: (Development Controls for 190 Canley Vale Rd, Canley Heights 19.4.2011) Amendment No.5: (References to Fairfield LEP 2013 31.5.2013) Amendment No.6: (Outdoor Dining Controls –5.3.2014) Amendment No. 7 (Remove reference to Public Art Guide – 3.09.2014) Amendment No. 8 (Include 46 Derby Street, Canley Heights into Town Centre Catchment – 01.07.2015) Amendment No. 9 (removes reference to the Fairfield Art Strategy as Council has not formally adopted a Public Art Strategy) 	10 May 2016	25 May 2016
Prairiewood Town Centre – Southern Precinct DCP 2013	13 November 2012	31 May 2013
Site Specific DCP – Wetherill Park Market Town	20 March 2013	7 March 2014
Fairfield Heights Town Centre DCP 2018	06 August 2019	05 June 2020
Villawood Town Centre DCP 2020	28 April 2020	05 June 2020

Master Plans

Title	Adopted by Council*	Effective Date
Prairiewood Masterplan (December 2005)	13 November 2012	31 May 2013
Fairfield Town Centre Masterplans – The Crescent and Barbara Street Precincts (May 2007)		May 2007

Urban Design Studies

Title	Adopted by Council
Fairfield City Centre Key Sites Urban Design Study	27 March 2018
Fairfield Heights Town Centre Urban Design Study	27 March 2018
Villawood Town Centre Urban Design Study	27 March 2018

* Note: Some "In Force" Development Control Plans may be under review, check with Council for date of last amendment.



Appendix E

Certificates of Title



ABN: 36 092 724 251 Ph: 02 9099 7400 (Ph: 0412 199 304) Level 14, 135 King Street, Sydney Sydney 2000 GPO Box 4103 Sydney NSW 2001 DX 967 Sydney

Summary of Owners Report

Re: - 15 to 17 Lupin Road, Fairfield East

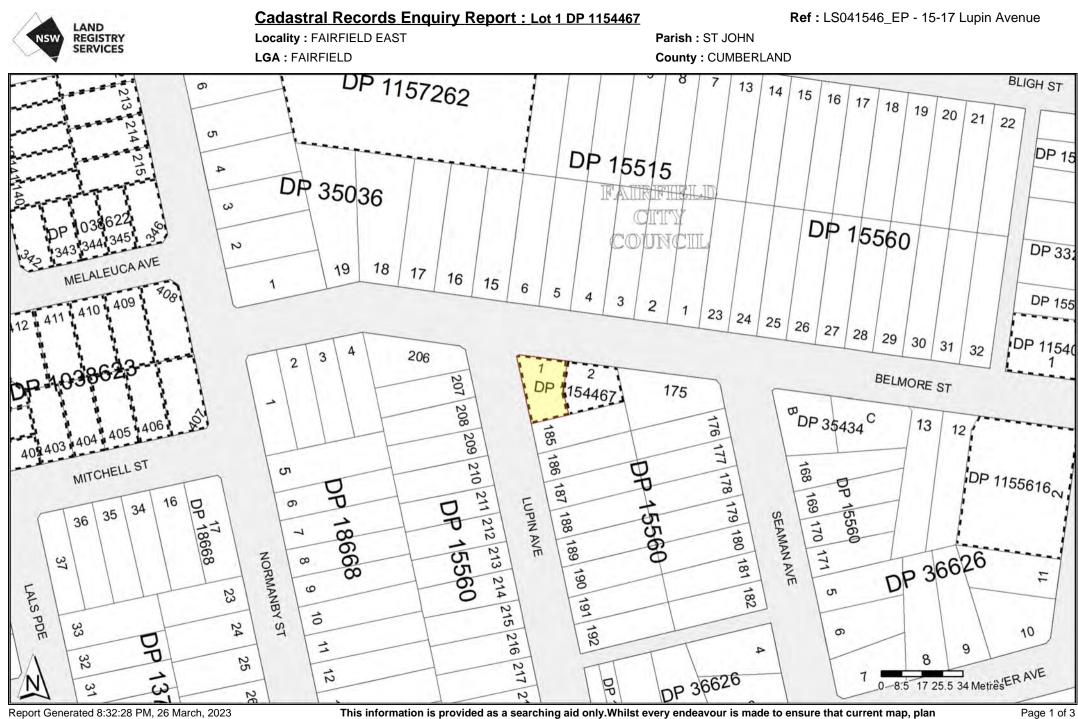
Description: - Lot 1 D.P. 1154467

Date of Acquisition and term held	Registered Proprietor(s) & Occupations where available	<u>Reference to Title at Acquisition</u> and sale
25.09.1903 (1903 to 1913)	Robert Hamilton (Gentleman) John Hamilton (Gentleman) George Lea Wilson (Gentleman)	Volume 1490 Folio 151
08.12.1913 (1913 to 1917)	George Bourne (Solicitor) Percy Lovett (Jeweller)	Volume 1490 Folio 151 Now Volume 2431 Folios 27 & 28
26.04.1917 (1917 to 1926)	John Symonds (Merchant)	Volume 2431 Folios 27 & 28 Then Volume 2760 Folio 65 Now Volume 3855 Folio 68
21.06.1926 (1926 to 1926)	John Symonds (Engineer) Thomas Kennedy (Engineer) Thomas Peters (Contractor)	Volume 3907 Folios 190 to 192
03.11.1926 (1926 to 1928)	John Symonds (Engineer) Leonard Thomas Hooper (Engineer) Thomas Peters (Contractor)	Volume 3907 Folios 190 to 192
19.06.1928 (1928 to 1945)	John Symonds (Engineer) Leonard Thomas Hooper (Engineer)	Volume 3907 Folios 190 to 192
24.08.1945 (1945 to 2011)	Housing Commission of New south Wales	Volume 3907 Folios 190 to 192 Then Volume 5884 Folio 106 Then Volume 13421 Folios 153 & 154 183/15560 & 184/15560 Now 1/1154467
17.06.2011 (2011 to date)	# Bluechp Ltd	1/1154467

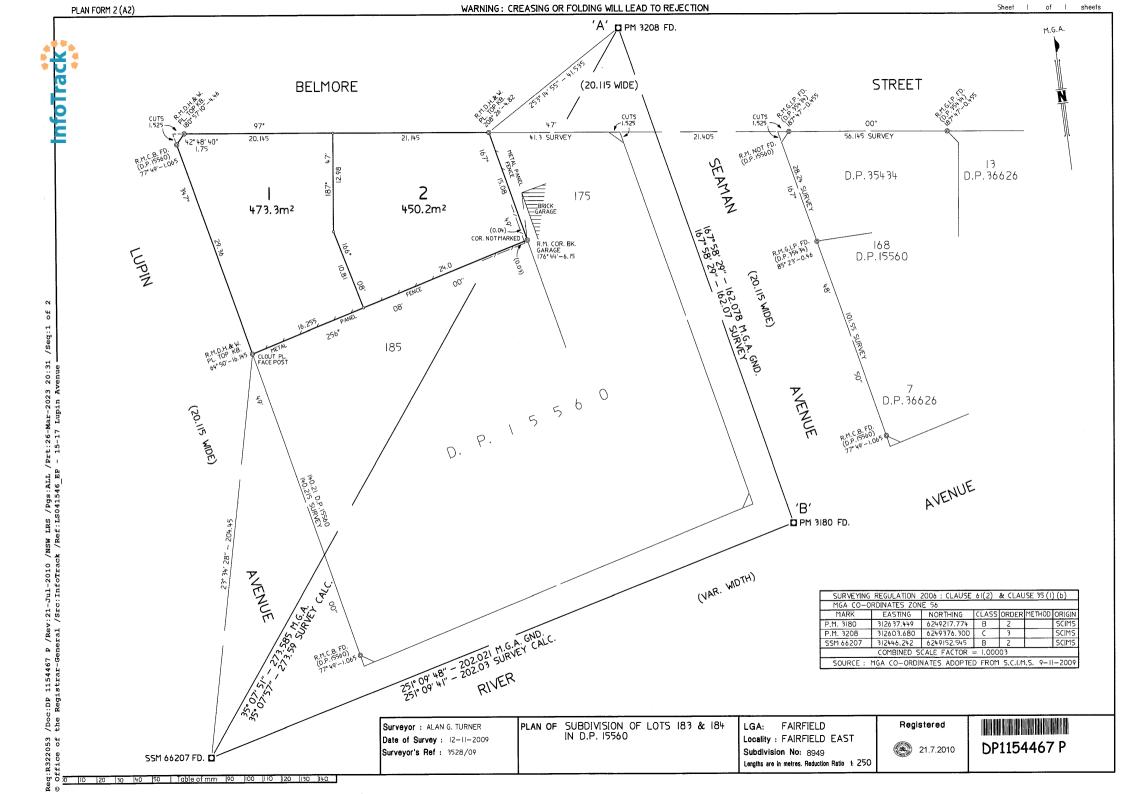
Denotes current registered proprietor

Leases & easements: - NIL

Yours Sincerely Mark Groll 27 March 2023



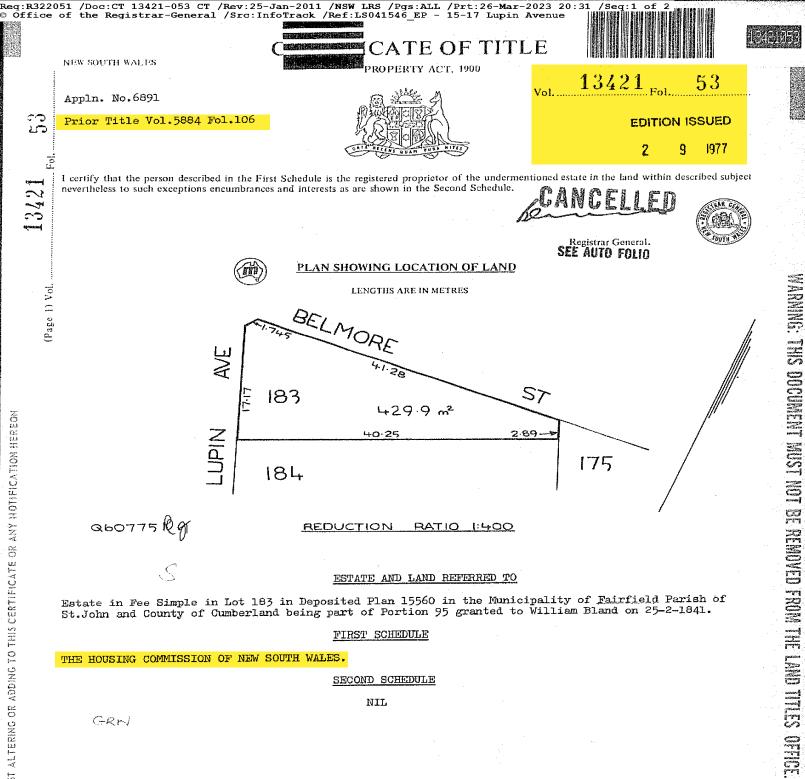
Report Generated 8:32:28 PM, 26 March, 2023 Copyright © Crown in right of New South Wales, 2017 This information is provided as a searching aid only.Whilst every endeavour is made to ensure that current map, plan and titling information is accurately reflected, the Registrar General cannot guarantee the information provided. For ALL ACTIVITY PRIOR TO SEPTEMBER 2002 you must refer to the RGs Charting and Reference Maps



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DEPOSITED PLAN ADM	INISTRATION SHEET Sheet 1 of Z sheet(s)
SIGNATURES, SEALS and STATEMENTS of intention to dedicate public roads, to create public reserves, drainage reserves, easements, restrictions on the use of land or positive covenants.	DP1154467 S
SIGNED BY ME, STEPHEN JOHAR AUGLESS AS A DELEGATE OF THE NEW SOUTH WALES LAND AND HOUSING CORPORATION AND I HEREBY CERTIFY THAT I HAVE NO NOTICE OF REVOCATION OF SUCH DELEGATION.	Registered: 21.7.2010 * Title System: TORRENS Purpose: SUBDIVISION PLAN OF SUBDIVISION OF LOTS 183 & 184 IN DP 15560
	LGA: Fairfield Locality: Fairfield East Parish: St John County: Cumberland
Use PLAN FORM 6A for additional certificates, signatures, seals and statements Crown Lands NSW/Western Lands Office Approval 	Surveying Regulation, 2006 I, ALAN TURNER of TURNER SURVEYING, PO Box 242, Eastwood 2122, a surveyor registered under the Surveying Act, 2002, certify that the survey represented in this plan is accurate, has been made in accordance with the Surveying Regulation, 2006 and was completed on: 12 November, 2009 The survey relates to (specify the land actually surveyed or specify any land shown in the plan that is not the subject of the survey) Signature
File no: DA 1796 1/2008	(il insufficient space use Plan Form 6A annexure sheet) SURVEYOR'S REFERENCE: 3528/09

* OFFICE USE ONLY



			FIRST SCHEDULE (conti	nued)					
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LAND

SERVICES



FOLIO CANCELLED

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> SEARCH DATE _____ 26/3/2023 8:31PM

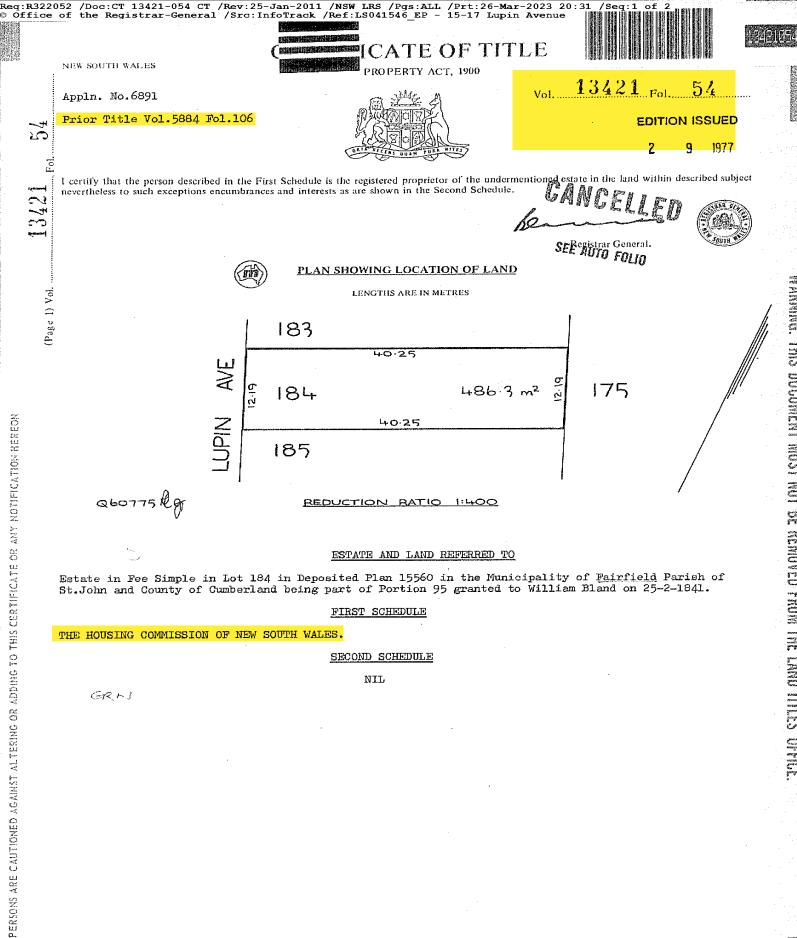
FOLIO: 183/15560

First Title(s): SEE PRIOR TITLE(S) Prior Title(s): VOL 13421 FOL 53

Recorded	Number	Type of Instrument	C.T. Issue
21/8/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
22/11/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED

21/7/2010 DP1154467 DEPOSITED PLAN

*** END OF SEARCH ***



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LAND

SERVICES



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH _____

> SEARCH DATE _____ 26/3/2023 8:30PM

FOLIO: 184/15560

First Title(s): SEE PRIOR TITLE(S) Prior Title(s): VOL 13421 FOL 54

Recorded	Number	Type of Instrument	C.T. Issue
21/8/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
22/11/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
21/7/2010	DP1154467	DEPOSITED PLAN	FOLIO CANCELLED

*** END OF SEARCH ***





NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH _____

> SEARCH DATE _____

26/3/2023 8:30PM

FOLIO: 1/1154467

First Title(s): OLD SYSTEM Prior Title(s): 183-184/15560

23/3/2011 AG135601 DEPARTMENTAL DEALING

LAND

SERVICES

Recorded	Number	Type of Instrument	C.T. Issue
21/7/2010	DP1154467	DEPOSITED PLAN	FOLIO CREATED EDITION 1

17/6/2011	AG240994	REQUEST	EDITION 2
6/5/2013	AH713727	MORTGAGE	EDITION 3
12/5/2016	AK424248	DEPARTMENTAL DEALING	
15/9/2018	AN713153	DEPARTMENTAL DEALING	EDITION 4 CORD ISSUED
20/5/2019 20/5/2019	AP152627 AP152628	DISCHARGE OF MORTGAGE MORTGAGE	EDITION 5

*** END OF SEARCH ***

LS041546_EP - 15-17 Lupin Avenue



REGISTRY Title Search



NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 1/1154467

LAND

SERVICES

SEARCH DATE	TIME	EDITION NO	DATE
26/3/2023	8:29 PM	5	20/5/2019

LAND

LOT 1 IN DEPOSITED PLAN 1154467 AT FAIRFIELD WEST LOCAL GOVERNMENT AREA FAIRFIELD PARISH OF ST JOHN COUNTY OF CUMBERLAND TITLE DIAGRAM DP1154467

FIRST SCHEDULE

BLUECHP LTD

(R AG240994)

SECOND SCHEDULE (2 NOTIFICATIONS)

1 TITLE IS HELD SUBJECT TO SECTION 67L HOUSING ACT 2001. CONSENT OF LAND AND HOUSING CORPORATION IS REQUIRED FOR PLANS AND DEALINGS INCONSISTENT WITH THE INTERESTS OF THE CORPORATION.

2 AP152628 MORTGAGE TO NATIONAL HOUSING FINANCE AND INVESTMENT CORPORATION

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

LS041546_EP - 15-17 Lupin Avenue

PRINTED ON 26/3/2023

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



Appendix F

Dial Before You Dig Plans



Job No 33841151

Caller Details

Contact: Company:	Ken Henderson TRACE Environmental	Caller Id:	3066660	Phone:	0432 382 141
Address:	Shop 2, 793-799 New Canterbury Road Dulwich Hill NSW 2203	Email:	ken@traceenviro.co	m	

Dig Site and Enquiry Details

WARNING: The map below only displays the location of the proposed dig site and does not display any asset owners' pipe or cables. The area highlighted has been used only to identify the participating asset owners, who will send information to you directly.



wners, who will send information to you	directly.	
User Reference:	99.125	
Working on Behalf of:	Private	
Enquiry Date:	Start Date:	End Date:
20/03/2023	23/03/2023	23/03/2023
Address:		
17 Lupin Avenue Fairfield East NSW 2165		
Job Purpose:	Onsite Activities:	
Excavation	Vertical Boring	
Location of Workplace:	Location in Road:	
Private		
 Check that the location of the dig s Should the scope of works change, enquiry. Do NOT dig without plans. Safe exc 	or plan validity dates expire, y	ou must submit a new

plans or how to proceed safely, please contact the relevant asset owners.

Notes/Description of Works:

Not supplied

Your Responsibilities and Duty of Care

- The lodgement of an enquiry <u>does not authorise</u> the project to commence. You must obtain all necessary information from any and all likely impacted asset owners prior to excavation.
- If plans are not received within 2 working days, contact the asset owners directly & quote their Sequence No.
- ALWAYS perform an onsite inspection for the presence of assets. Should you require an onsite location, contact the asset owners directly. Please
 remember, plans do not detail the exact location of assets.
- Pothole to establish the exact location of all underground assets using a hand shovel, before using heavy machinery.
- Ensure you adhere to any State legislative requirements regarding Duty of Care and safe digging requirements.
- If you damage an underground asset you MUST advise the asset owner immediately.
- By using this service, you agree to Privacy Policy and the terms and disclaimers set out at www.byda.com.au
- · For more information on safe excavation practices, visit www.byda.com.au

Asset Owner Details

The assets owners listed below have been requested to contact you with information about their asset locations within 2 working days.

Additional time should be allowed for information issued by post. It is your responsibility to identify the presence of any underground assets in and around your proposed dig site. Please be aware, that not all asset owners are registered with the Before You Dig service, so it is your responsibility to identify and contact any asset owners not listed here directly.

** Asset owners highlighted by asterisks ** require that you visit their offices to collect plans.

Asset owners highlighted with a hash # require that you call them to discuss your enquiry or to obtain plans.

Seq. No.	Authority Name	Phone	Status
222487001	Ausgrid	(02) 4951 0899	NOTIFIED
222487004	Endeavour Energy	(02) 9853 4161	NOTIFIED
222487002	Jemena Gas West	1300 880 906	NOTIFIED
222487000	NBN Co NswAct	1800 687 626	NOTIFIED
222487003	Sydney Water	13 20 92	NOTIFIED
222487005	Telstra NSW Central	1800 653 935	NOTIFIED

END OF UTILITIES LIST

Emergency Phone Number 131388



Underground Cable Location Search Advice

-- Ausgrid Assets Not Recorded in the Vicinity --(Caution Still Required)

To:	Ken Henderson		
	TRACE Environmental	Phone No:	+61432382141
	Shop 2, 793-799 New Canterbury Road	Issue Date:	20/03/2023
	Dulwich Hill NSW 2203		

In response to your enquiry, Sequence No222487001 the records of Ausgrid <u>do not</u> disclose that there are Ausgrid underground cables in the defined search location.

This search is based on the geographical position of the dig site as denoted in the Before You Dig Australia caller confirmation sheet and an overview is provided:

Address:	17 Lupin Avenue Fairfield East NSW 2165
Job #:	33841151



Important

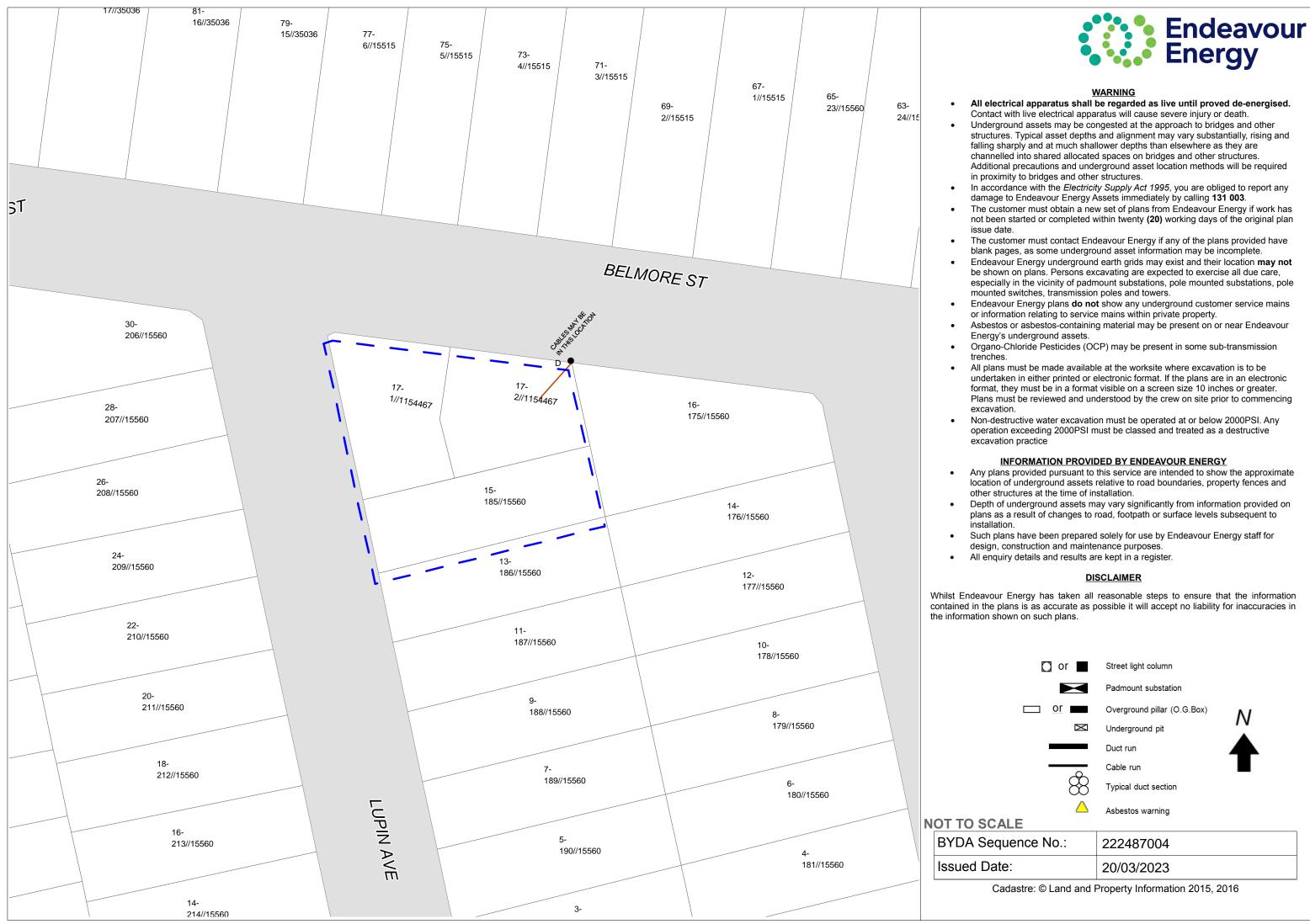
All information provided to you is ONLY VALID FOR 30 DAYS from the date of issue

YOU MUST READ AND UNDERSTAND THE:

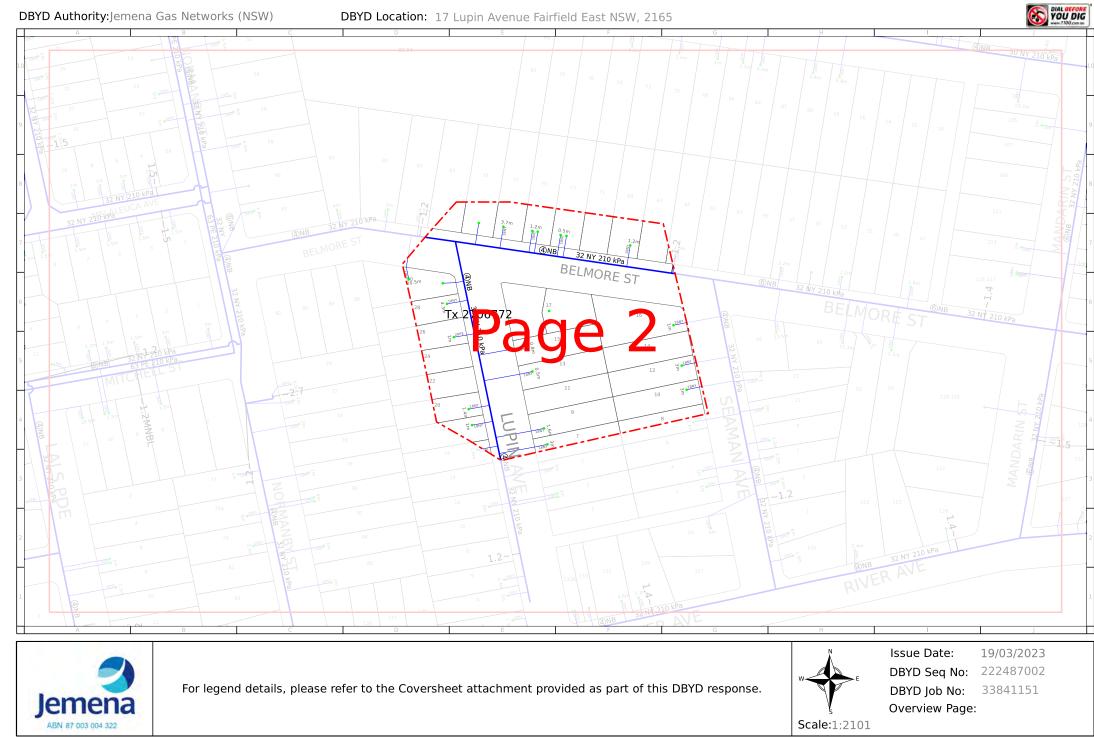
IMPORTANT INFORMATION

AND

CHECKLIST FOR WORK NEAR OR AROUND UNDERGROUND CABLES THAT ARE INCLUDED AS PART OF THIS ADVICE

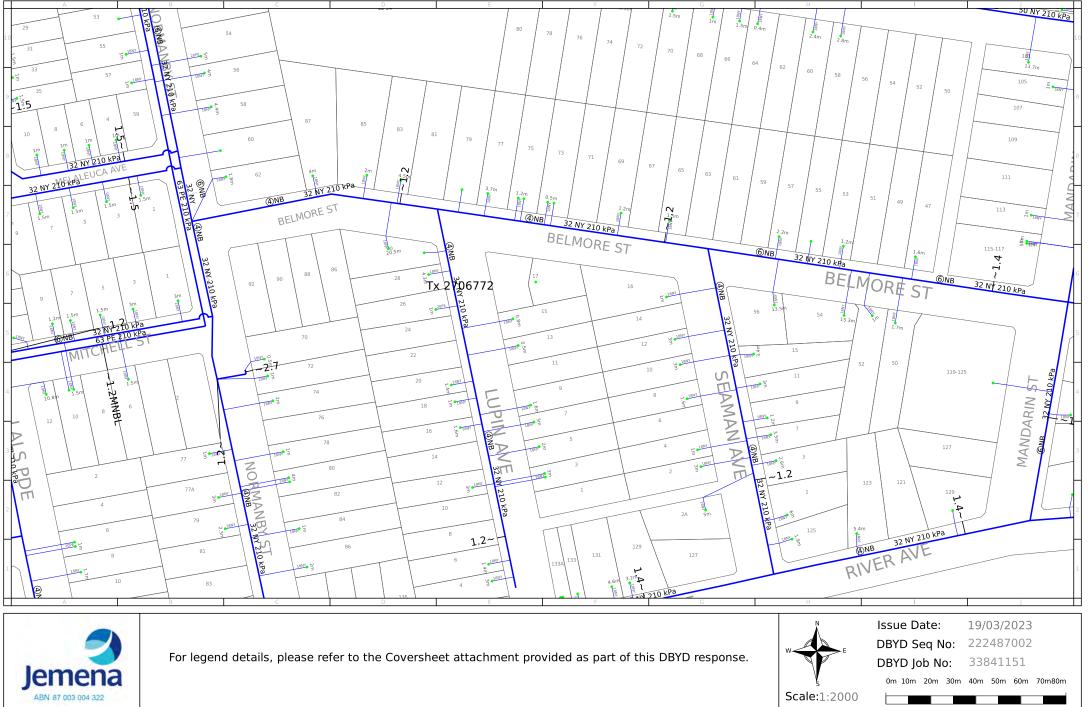






WARNING: This is a representation of Jemena Gas Networks underground assets only and may not indicate all assets in the area. It must not be used for the purpose of exact asset location in order to undertake any type of excavation. Please read all conditions and information on the attached information sheet. This extract is subject to those conditions. The information contained on this plan is only valid for 28 days from the date of issue.





WARNING: This is a representation of Jemena Gas Networks underground assets only and may not indicate all assets in the area. It must not be used for the purpose of exact asset location in order to undertake any type of excavation. This plan is diagramatic only, and distances scaled from this plan may not be accurate. Please read all conditions and information on the attached information sheet. This extract is subject to those conditions. The information contained on this plan is only valid for 28 days from the date of issue.

То:	Ken Henderson
Phone:	Not Supplied
Fax:	Not Supplied
Email:	ken@traceenviro.com

Dial before you dig Job #:	33841151	
Sequence #	222487000	YOU DIG
Issue Date:	19/03/2023	www.1100.com.au
Location:	17 Lupin Avenue, Fairfield East, NSW, 2165	

1

Indicative Plans

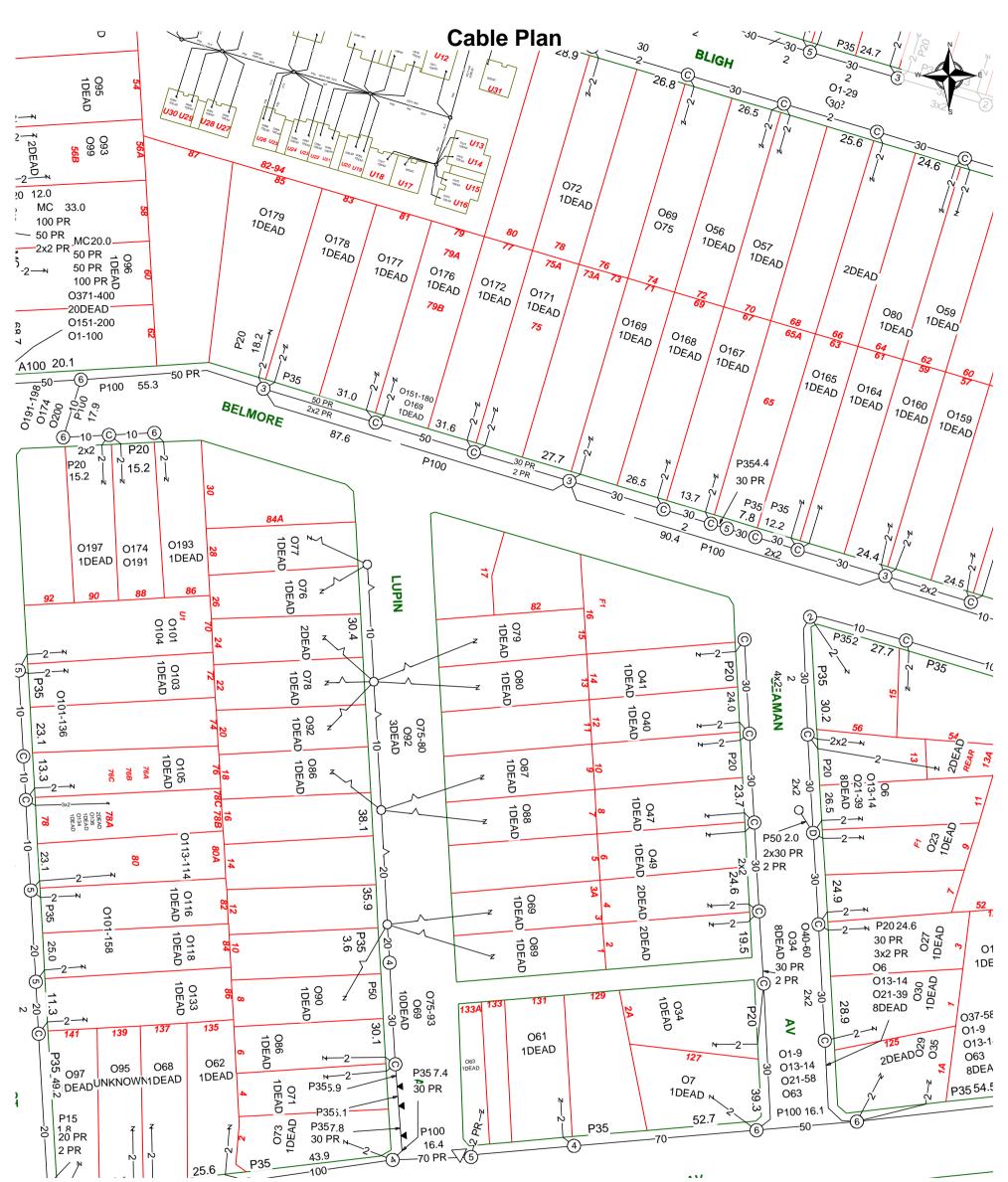
· + ·		
44	Parcel and the location	
3	Pit with size "5"	
25	Power Pit with size "2E". Valid PIT Size: e.g. 2E, 5E, 6E, 8E, 9E, E, null.	
	Manhole	
\otimes	Pillar	
2 PO-T-25.0m P40-20.0m	Cable count of trench is 2. One "Other size" PVC conduit (PO) owned by Telstra (-T-), between pits of sizes, "5" and "9" are 25.0m apart. One 40mm PVC conduit (P40) owned by NBN, between pits of sizes, "5" and "9" are 20.0m apart.	
-0 10.0m	2 Direct buried cables between pits of sizes ,"5" and "9" are 10,0m apart.	
-00-	Trench containing any INSERVICE/CONSTRUCTED (Copper/RF/Fibre) cables.	
-0-0-	Trench containing only DESIGNED/PLANNED (Copper/RF/Fibre/Power) cables.	
-0-0-	Trench containing any INSERVICE/CONSTRUCTED (Power) cables.	
BROADWAY ST	Road and the street name "Broadway ST"	
Scale	0 20 40 60 Meters 1:2000 I cm equals 20 m	



Emergency Contacts

You must immediately report any damage to the **nbn**[™] network that you are/become aware of. Notification may be by telephone - 1800 626 329.





Report Damage: https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equi Ph - 13 22 03	pment Sequence Number: 222487005
Email - Telstra.Plans@team.telstra.com Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries	Please read Duty of Care prior to any excavating
TELSTRA LIMITED A.C.N. 086 174 781	
Generated On 20/03/2023 08:40:46	

WARNING

Telstra plans and location information conform to Quality Level "D" of the Australian Standard AS 5488-Classification of Subsurface Utility Information.

As such, Telstra supplied location information is indicative only. Spatial accuracy is not applicable to Quality Level D.

Refer to AS 5488 for further details. The exact position of Telstra assets can only be validated by physically exposing it.

Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy.

Further on site investigation is required to validate the exact location of Telstra plant prior to commencing construction work.

A Certified Locating Organisation is an essential part of the process to validate the exact location of Telstra assets and to ensure the asset is protected during construction works.

See the Steps- Telstra Duty of Care that was provided in the email response.