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CABRAMATTA LOOP PROJECT

ENVIRONMENTAL IMPACT STATEMENT

TECHNICAL REPORT 6 —
SOILS AND CONTAMINATION
IMPACT ASSESSMENT

TECHNICAL REPORT 7 —
SURFACE WATER AND
GROUNDWATER QUALITY
IMPACT ASSESSMENT

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CABRAMATTA LOOP PROJECT

TECHNICAL REPORT

TECHNICAL REPORT 6 —
SOILS AND CONTAMINATION
IMPACT ASSESSMENT

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Australian Rail Track Corporation
Cabramatta Loop Project
Environmental Impact Statement
Technical Report 6 - Soils and Contamination
Impact Assessment

August 2019

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Executive Summary

GHD Pty Ltd (GHD) was commissioned by Australian Track and Rail Corporation (ARTC) to conduct a desktop review and detailed site investigation (DSI) of the existing rail corridor between the Hume Highway and Cabramatta Road East road overbridges in the suburbs of Warwick Farm and Cabramatta, and adjacent Broomfield Street and Jacquie Osmond Reserve. GHD understand that ARTC are proposing to construct and operate a passing loop for up to 1,300 metre length trains on the Southern Sydney Freight Line (SSFL) between Sydney Trains' Cabramatta and Warwick Farm stations.

The objective of this soils and contamination assessment is to provide ARTC with site contamination information to inform the proposed works, including:

- The potential for the presence of contamination at the project associated with current and historical land use
- Whether contamination, if identified at the project site, presents a potential risk to human health or the environment for the project site (including construction and operational phases)
- Whether further assessment, remediation and/or management of contamination is required during construction
- To achieve the required outcome, GHD's program consisted of a desktop review of existing information, a project site inspection and a limited soil sampling program.
- Key findings from the investigation include the following:
- The desktop review, project site inspection and limited soil sampling carried out in the investigation area by GHD as part of this assessment has not identified any evidence of gross or widespread contamination in soils
- Concentrations of heavy metals and hydrocarbons in samples of shallow soils collected from the project site did not exceed selected health-screening criteria for ongoing primary use of the project site as a railway
- Limited sampling at three locations on the western boundary of Jacquie Osmond Reserve returned results that were below all selected health based and ecological assessment criteria
- Based on the results of this limited investigation, the human health and ecological risk during construction and operation is considered to be low
- Based upon the findings of this investigation as outlined above, the following recommendations are made in order to further assess or mitigate contamination risks associated with the site:
- Field testing for the potential presence of acid sulfate soils, in accordance with the field pH test described in the Acid Sulfate Soils Assessment Guidelines (ASSMAC, 1998). should be undertaken prior to bridge piling works at Cabramatta Creek.
- An Unexpected Finds Protocol (UFP) should be prepared and implemented at the project site during construction for potential areas of contamination at the project site that have not been identified by this limited investigation

This report is subject to, and must be read in conjunction with, the limitations set out Section 12 and the assumptions and qualifications contained throughout the Report

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1. Introduction

1.1 Overview

Australian Rail Track Corporation (ARTC) proposes to construct and operate a passing loop for up to 1,300 metre length trains on the Southern Sydney Freight Line (SSFL) between Sydney Trains' Cabramatta and Warwick Farm stations. The Cabramatta Loop Project ('the project') would allow freight trains to pass and provide additional rail freight capacity along the SSFL.

The project is State significant infrastructure in accordance with Division 5.2 of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act). As State significant infrastructure, the project needs approval from the NSW Minister for Planning and Public Spaces.

This report has been prepared to accompany the environmental impact statement (EIS) to support the application for approval of the project, and address the environmental assessment requirements of the Secretary of the Department of Planning and Environment (the SEARs), issued on 17 May 2018.

1.2 The project

1.2.1 Location

The project is generally located within the existing rail corridor between the Hume Highway and Cabramatta Road East road overbridges in the suburbs of Warwick Farm and Cabramatta. In addition, the project includes works to Broomfield Street adjacent to the rail corridor in Cabramatta.

The rail corridor is owned by the NSW Government (RailCorp) and leased to ARTC.

The location of the project is shown in Figure 1.1.

1.2.2 Key features

The key features of the project include:

- New rail track – providing a 1.65 kilometre long section of new track with connections to the existing track at the northern and southern ends
- Track realignment – moving about 550 metres of existing track sideways (slewing) to make room for the new track
- Bridge works – constructing two new bridge structures adjacent to the existing rail bridges over Sussex Street and Cabramatta Creek
- Road works – reconfiguring Broomfield Street for a distance of about 680 metres between Sussex and Bridge streets.

Ancillary work would include communication upgrades, works to existing retaining and noise walls, drainage work and protecting/relocating utilities. In addition minor works in the form of new signalling would be installed at a number of locations within the rail corridor (indicative locations provided in the EIS).

The key features of the project are shown in Figure 1.2.

Further information on the project is provided in the EIS.

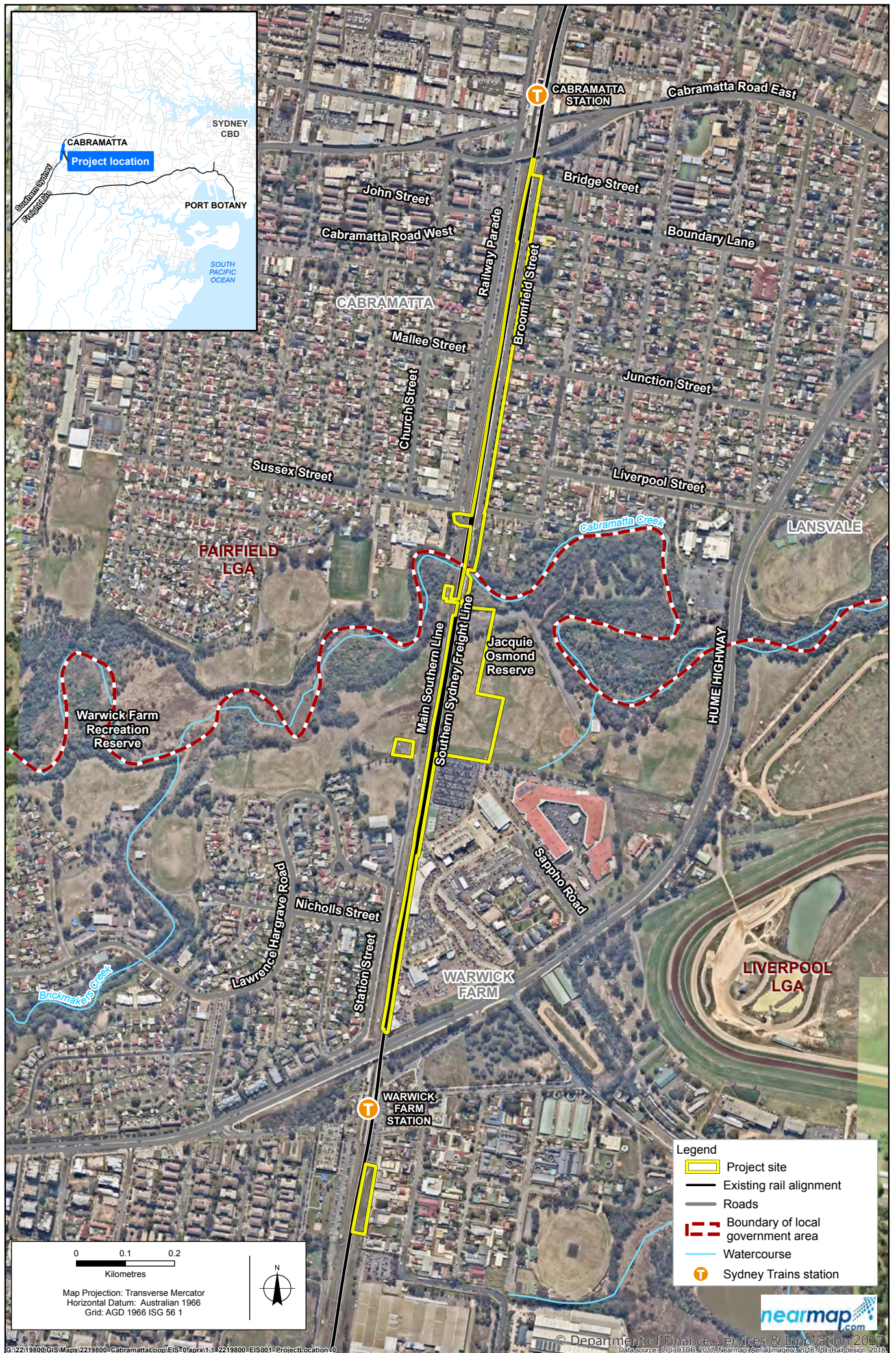


Figure 1.1 Location of the project

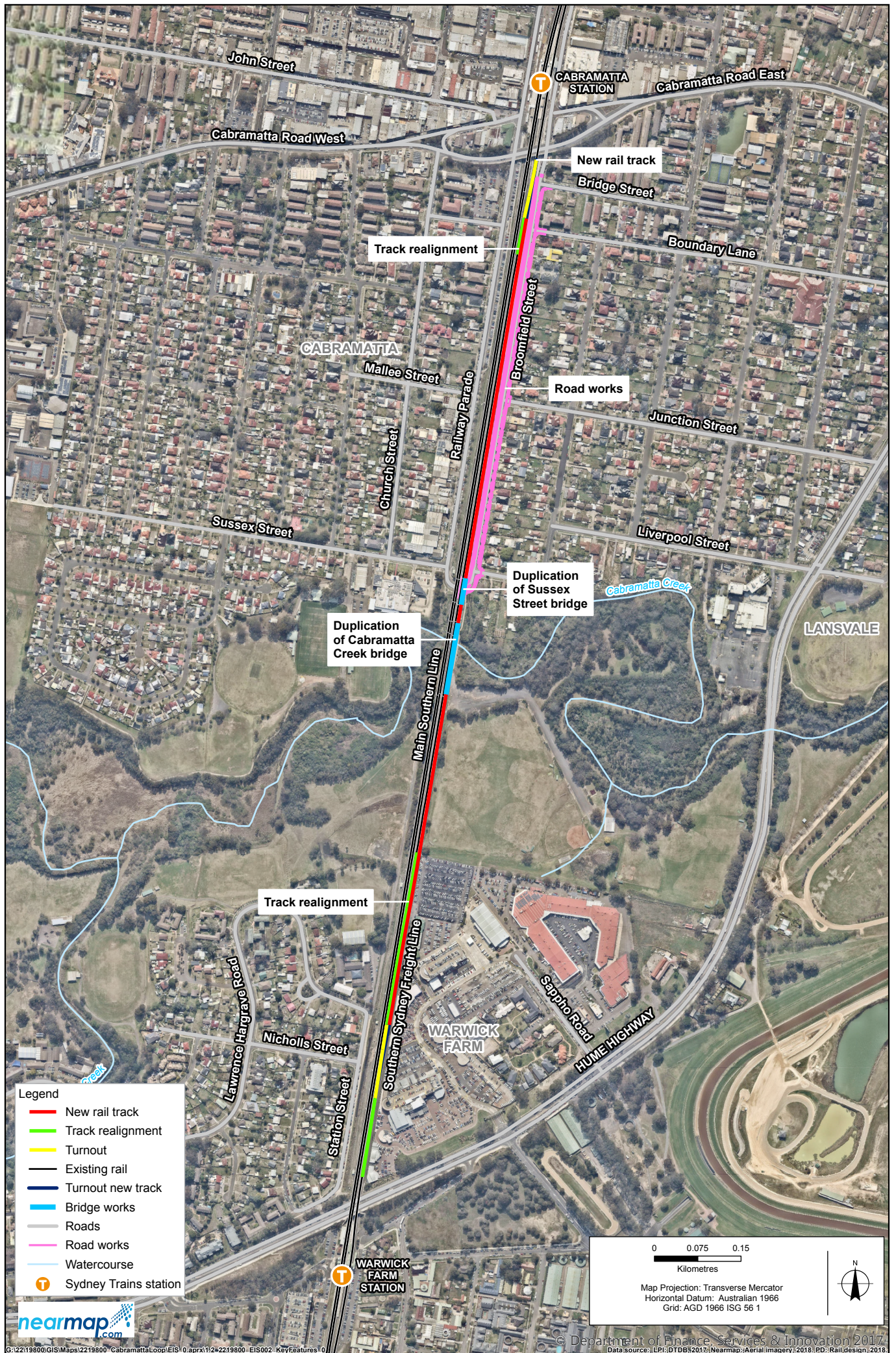


Figure 1.2 Key features of the project

1.2.3 Timing

Subject to approval of the project, construction is planned to start in early 2021, and is expected to take about two years. Construction is expected to be completed in early 2023.

It is anticipated that some features of the project would be constructed while the existing rail line continues to operate. Other features of the project would need to be constructed during programmed weekend rail possession periods when rail services along the line cease to operate. Possession periods typically occur for 48 hours four times per year.

1.2.4 Operation

The project would operate as part of the SSFL and would continue to be managed by ARTC. ARTC is not responsible for the operation of rolling stock. Train services are currently, and would continue to be, provided by a variety of operators.

Following the completion of works, the existing functionality of Broomfield Street would be restored, with one travel lane in each direction, kerb-side parking on both sides and a shared path on the western side of the street.

1.3 Purpose and scope of this report

The objectives of the assessment undertaken by GHD were to:

- Determine the potential for the presence of contamination at the project associated with current and historical land use.
- Assess whether contamination, if identified at the project site, presents a potential impact to human health or the environment during construction and operation of the project.
- Identify whether further assessment, remediation and/or management of contamination is required during construction and operation.
- Address the SEARs relevant to contamination, as outlined in Table 1.1 below.

Table 1.1 SEARs relevant to this assessment

Requirements	Where addressed in this report
3 (2) Assessment of key issues	
For each key issue the Proponent must:	Section 4
a) describe the biophysical and socio-economic environment, as far as it is relevant to that issue;	
b) describe the legislative and policy context, as far as it is relevant to the issue;	Section 2
c) identify, describe and quantify (if possible) the impacts associated with the issue, including the likelihood and consequence (including worst case scenario) of the impact (comprehensive risk assessment), and the cumulative impacts;	Section 9
d) demonstrate how potential impacts have been avoided (through design, or construction or operation methodologies);	Refer to the EIS
e) detail how likely impacts that have not been avoided through design will be minimised, and the predicted effectiveness of these measures (against performance criteria where relevant); and	Section 9.4
10. Contamination	
10.1 The Proponent must verify the risk of acid sulfate soils (Class 1, 2, 3 or 4 on the Acid Sulfate Soil Risk Map) within, and in the area likely to be impacted by, the project.	Section 4.3.4

Requirements	Where addressed in this report
10.2 The Proponent must assess the impact of the project on acid sulfate soils (including impacts of acidic runoff offsite) in accordance with the current guidelines	Section 9.1
10.3 The Proponent must assess whether the land is likely to be contaminated and identify if remediation of the land is required. Where assessment and/or remediation is required, the Proponent must document how the assessment and/or remediation would be undertaken in accordance with current guidelines	Sections 5.1 and 8
10.4 The Proponent must assess the impacts on soil and land resources (including erosion risk or hazard). Particular attention must be given to soil erosion and sediment transport consistent with the practices and principles in the current guidelines	Section 9.1 to 9.2
12.1 (b) demonstrate that all practical measures to avoid or minimise water pollution and protect human health and the environment from harm are investigated and implemented	Section 9.3 to 9.4

1.4 Structure of the report

- Section 1 – provides an introduction to the report
- Section 2 – describes the legislative and policy context
- Section 3 - describes the methodology for the assessment, including the legislative and policy context for the assessment, and relevant guidelines
- Section 4 – describes the preliminary site investigation including project site information, environmental setting and summary of previous investigations
- Section 5 – describes the preliminary conceptual site model
- Section 6 – provides the basis for the assessment
- Section 7 – describes the sampling and analysis methodology and quality control
- Section 8 – describes the results of the field investigation, including field observations, laboratory results and preliminary waste classification
- Section 9 – describes the contamination impact assessment including impact during construction and operation and recommended management and mitigation measures
- Section 10 – contains the conclusions
- Section 11 – contains the references
- Section 12 – describes the limitations

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2. Legislative and policy context

2.1 Secretary's Environmental Assessment Requirements

The Secretary's Environmental Assessment Requirements (SEARS) for the project were issued by the NSW Department of Planning and Environment (DPE) on 17 May 2018. Fairfield City Council, Liverpool City Council, the NSW Office of Environment and Heritage (OEH), the NSW Environment Protection Authority (EPA), Transport for NSW (TfNSW), and NSW Department for Primary Industry (DPI) had the opportunity to provide comment for consideration on the SEARS.

The SEARs relevant to contamination conditions to the project are listed in Table 1.1, and these have been used to form the basis of this assessment and scope of work.

2.2 Regulatory guidelines

When developing the scope of work for this contamination assessment, consideration was given to the following legislation, policies and guidelines:

- *Contaminated Land Management Act 1997* (NSW) (CLM Act)
- *National Environment Protection (Assessment of Site Contamination) Measure 1999*, *National Environment Protection Council* (NEPC) (1999, Amended 2013).
- *Guidelines for Consultants Reporting on Contaminated Sites*, NSW Office of Environment and Heritage (OEH) (2011)
- *Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act 1997*, NSW Environment Protection Authority (EPA) (2015).
- *Waste Classification Guidelines. Part 1 Classifying Waste*, NSW EPA (2014).
- *Protection of the Environment Operations Act 1997* (NSW) (POEO Act)
- *Managing Land Contamination: Planning Guidelines State Environmental Planning Policy No. 55 – Remediation of Land (SEPP 55)*, Department of Urban Affairs and Planning, NSW EPA 1998
- *Acid Sulfate Soils Assessment Guidelines. August 1998*, Acid Sulfate Soils Management Advisory Committee (ASSMAC), 1998
- *Acid Sulfate Soils Manual. August 1998*, Acid Sulfate Soils Management Advisory Committee (ASSMAC), 1998
- *Contaminated Land Management - Guidelines for the NSW Site Auditor Scheme*, NSW EPA 2017 (Third Edition)
- *Soil and Landscape Issues in Environmental Impact Assessment*, Department of Land and Water Conservation (DLWC) 2000
- Urban and regional salinity guidance, as per Local Government Salinity Initiative booklets series 2006, (<https://www.environment.nsw.gov.au/topics/land-and-soil/soil-degradation/salinity>)

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3. Methodology

The scope of works completed by GHD included the following:

- A Preliminary Site Investigation (PSI) including review of relevant environmental information for the project site to identify areas and/or sources of potential contamination, including the following information sources:
 - Lotsearch reports that include title searches, EPA current licensed activities, EPA sites with other contamination issues, historical business activities and historical aerial imagery (provided in Appendix A).
 - Fairfield City Council and Liverpool City Council Local Environmental Plans (LEPs), including acid sulfate soils maps and land zoning information.
 - Historical aerial photographs of the project site (where available) to assist in establishing the historical land uses and physical patterns of land development over time.
 - Records held by the NSW EPA on their contamination land database.
 - Records held by the NSW EPA on their licensing database including environmental licenses issued under the provisions of the *Protection of the Environment Operations Act* (POEO) 1997.
 - Geology, hydrogeology, hydrology and topography maps of the project site.
 - Water bore records held by NSW Office of Water.
 - Previous environmental assessments of the project site (Parsons and Brinckerhoff 2006 & 2009).
- An inspection of the project site by a GHD Environmental Scientist to confirm layout and to identify potential sources of contamination based on current land use.
- A limited contamination investigation (Figure 4.1) was opportunistically undertaken with a view to providing some limited contamination characterisation at locations determined by a concurrent geotechnical investigation, undertaken to inform the project's reference design. Geotechnical investigation locations were selected to target areas where infrastructure would be built with consideration given to previous investigation data, site access and environmental constraints. On this basis, the soil investigation focused on the rail corridor with samples taken from:
 - 12 locations within the rail corridor between the northern end of Peter Warren Automotive to the Hume Highway overpass, to test for contamination potential within the rail corridor
 - three locations on Broomfield Street (adjacent to the rail corridor) to test for contamination potential adjacent to the rail corridor
 - three locations on the western boundary of Jacquie Osmond Reserve (adjacent to the rail corridor), to test for contamination potential within the reserve directly adjacent to the rail corridor.
- Collection of soil samples from the test pits and boreholes, and logging of the lithology.
- Laboratory chemical analysis of select soil samples for contaminants of potential concern (COPC) including heavy metals (arsenic, cadmium, chromium, copper, lead, nickel zinc and mercury); benzene, toluene, ethyl-benzene and xylene (BTEX), total recoverable hydrocarbons (TRH), polycyclic aromatic hydrocarbons (PAH), phenols, pesticides, and asbestos

- Comparison of the analytical results to health and environmental screening criteria based on the future use of the project site being rail works (equivalent to commercial / industrial land use)
- Identification of the potential for acid sulfate soils within the project site
- Identification of potential soil and contamination impacts and mitigation measures to address them
- Preparation of this report documenting the findings and recommendations from this assessment. This includes an assessment of the potential contamination risk arising during construction and operation, and recommended mitigation and management measures

Given that the primary driver for the soil assessment was geotechnical investigation to inform the project design, sampling of groundwater to determine groundwater quality was not undertaken as part of this assessment. Instead, groundwater depth was recorded during drilling and potential impacts to groundwater quality have been considered further in Technical Report 7 – Surface water and groundwater quality impact assessment.

The scope of work and findings should be read in conjunction with the limitations provided in Section 12.

4. Existing environment

The results of the PSI are summarised in this chapter.

4.1 Project site information

4.1.1 Project site and investigation area identification

Figure 1.1 shows the location of the project site. The site broadly includes the rail corridor from Cabramatta Station to Warwick Farm Station, as well as Broomfield Street from Cabramatta Station to Sussex Street, and the Jacquie Osmond Reserve.

The project site boundary is presented in Figure 4.1.



Figure 4.1 Project Site Investigation

A summary of key information pertinent to the project site identification is provided in Table 4.1.

Table 4.1 Project site summary

Information	Details
Local government area (LGA)	Liverpool City Council (south of Cabramatta Creek) Fairfield City Council (north of Cabramatta Creek)
Investigation area address	The eastern side of the SSFL between Cabramatta Station and the Hume Highway overbridge at Warwick Farm, including Broomfield Street and the Jacquie Osmond Reserve
LGA / Lot / DP	<ul style="list-style-type: none"> • Liverpool City Council LGA Lot 11 DP 1185775 (rail corridor from Cabramatta Creek to Warwick Farm Station) • Liverpool City Council LGA Lot 2 DP 250138 (Jacquie Osmond Reserve) • Fairfield City Council LGA Lot 1 DP865075 (rail corridor from Cabramatta Station to Cabramatta Road overpass) • Fairfield City Council LGA Lot 10, DP 1185718 (rail corridor from Cabramatta Road overpass to Cabramatta Creek) • Broomfield Street (road reserve) from Cabramatta Station to, and including, Sussex Street
Current land zoning	The surrounding area is zoned mixed residential, general industrial, recreational and natural waterways, according to the Liverpool City Council LEP (2008) and Fairfield City Council LEP (2013)
Current land use	South Sydney Freight Line, public road, public recreation, commercial / industrial

4.1.2 Surrounding land use

The land immediately adjacent to the project site is comprised of the following:

- North: directly north of the investigation area is the continuation of the SSFL under the Cabramatta Road overpass and the Cabramatta Railway Station. Land uses to the north of the site include restaurants and a shopping precinct directly east and west of Cabramatta Station and medium density residential properties further north of the site.
- South: the SSFL continues to the south of the investigation area beneath the Hume Highway overpass to Warwick Farm Station. South of Warwick Farm Station, land uses include medium density residential, educational (Liverpool Girls High School), health (Liverpool Hospital), and industrial (including Visy, Ovato, MTA Spare Parts, All Auto Spares).
- East: between Cabramatta Station and Sussex Street, the land use is mostly mixed residential, including low density homes and multi-storey apartments; from Sussex Street to the northern boundary of Peter Warren Automotive there are parklands, including Cabramatta Creek and the Jacquie Osmond Reserve; between the northern boundary of Peter Warren Automotive and the Hume Highway overpass, the land use is commercial / light industrial associated with the Peter Warren Automotive businesses.
- West: between Cabramatta Road overpass and Mallee Street there is a mixture of residential land use including freestanding homes, multi-storey apartments and a motel and shop; between Mallee Road to Sussex St, there are commercial properties including smash repair businesses and auto workshops, and Cabramatta Rugby League Club; between the Cabramatta Rugby League Club and the Lawrence Hargrave School, there is parkland, including Cabramatta Creek; from Lawrence Hargrave School to the Hume Highway overpass, there are free standing residential properties.

4.1.3 Project site history

Aerial photographs and historical maps of the project site are provided in Appendix A. The aerial photographs covered select years between 1929 and 2016.

Previous environmental assessment by Parsons and Brinckerhoff (2006) note that Cabramatta Station was operating by 1870, allowing for the passage of coal fired steam trains, which were eventually phased out in the mid 1900s. They further note that Warwick Farm Station opened in 1943 and has a strong historical association with horse racing and the Australian Jockey Club.

The 1929 historical map confirms the existence of the train line between Cabramatta and Warwick Farm. The map shows that in 1929, the portion of the project site to the north of Cabramatta Creek consisted of the rail corridor, surrounded by sparse road infrastructure and some low density residential land use to the east of the project site. In 1929, the region to the south of Cabramatta Creek had been cleared land with no further development other than the rail corridor. At that time, the project site included a rail corridor junction with a short line to the Warwick Farm racecourse at the current location of Peter Warren Skoda.

From 1943 to 1991, the aerial images reveal the land where the Jacquie Osmond Reserve is presently located was cleared land with little change until around 1991. At this time, the current outline of the reserve becomes defined by the development of the automotive business to the south and the sealing of access roads along the northern and eastern boundary of the reserve. The land was converted to playing fields between 1991 and 2004.

The 1955 aerial photograph indicates clearing of bushland to the north west of Cabramatta Creek, and preparation for expanded residential development in the surrounding area. A large camp-like housing development of unknown purpose was present on the south-west border of the project site in the 1955 image.

By 1961, the camp had been removed and a permanent housing development was under construction with dirt roads providing access to houses in the surrounding area. The area to the northwest of Cabramatta Creek was well established for residential use by 1961 and paved roads (including Church Street, Huon Street and Mallee Street) are present on the aerial photographs from 1961.

Broomfield Avenue is present in the 1943 historical photos, as is Sussex Street east of the railway line. By 1961, Sussex Street had been developed to continue west of the railway line.

With the exception of the development of sporting ovals and facilities on the north bank of Cabramatta Creek (as evident in the 1965 aerial photograph, to west of the project site), there was relatively little additional development north of the Cabramatta Creek divide from 1961 until the present time.

Construction of the existing Cabramatta Road railway overpass took place sometime between 1970 and 1982.

South of Cabramatta Creek, the 1982 aerial photograph shows the development of what is now the Peter Warren Automotive business, along with extensive land clearing for a future shopping mall to the east of the project site (to the east of Sappho Road). That land development continued to progress through to 2004. By 1982, the majority of the land directly to the south-west of the project site consisted of residential development.

Generally from 1982 to present, residential and commercial/light industrial land uses were well established and there was little or no change in land use within or surrounding the project site.

4.2 Project site inspection

A GHD Environmental Scientist conducted an inspection of the project site on Tuesday 16 October 2018 that involved walking outside of the rail corridor heading south from Cabramatta Station, along Broomfield Street and into Jacquie Osmond Reserve on the eastern boundary of the railway corridor.

The land south of the reserve, on the east side of the rail corridor, was inaccessible due to the boundary of the Peter Warren Automotive business being located on the rail corridor boundary. The fence line along this boundary was either wire mesh or concrete and brick. The inspection continued on the western side of the rail corridor from the viaduct just south of Cabramatta Creek, past Shroud Park and along Station Street, to the Hume Highway overpass.

A selection of photographs taken during the inspection are provided in Appendix B. Key observations included:

- The ground surface within the rail corridor of the project site was a mixture of rail infrastructure including tracks, sleepers and ballast. Outside the rail corridor, along Broomfield Street and Sussex Street, it consisted of concrete, asphalt and bitumen, grassed areas and exposed soil. The surfaces were generally in good condition, with grassed areas looking verdant following recent significant rainfalls.
- The Jacquie Osmond Reserve consisted of large grassed playing fields with mature trees at the margins.
- Cabramatta Creek was flowing very swiftly following recent heavy rainfall.
- The project site sloped gently south from Cabramatta Station to Cabramatta Creek, and then flattened south of Cabramatta Creek towards Warwick Farm Station.
- The rail corridor was fenced, with the fencing generally being in a good, secure condition. Gates, where present, were securely locked.
- Project site infrastructure within the rail corridor, as observed from the adjacent roadways, generally consisted of:
 - Rail lines, sleepers and ballast
 - Overhead electrical wiring and related metal structural frameworks
 - Rail bridges over Sussex St and Cabramatta Creek and rail underpasses at Cabramatta Road and Hume Highway
 - Electrical equipment housed in small buildings along the section of rail opposite Peter Warren Automotive
 - Embankments constructed of unknown fill material
- There were a number of small dead bushes in the landscaped garden beds along the rail corridor wall on Broomfield Street; however, the remaining vegetation was generally healthy in appearance.
- There was some areas of the project site where general rubbish (e.g. plastic bags, electrical items, empty paint tins, bricks and wood) had been dumped inside the fence line along the rail corridor.
- No odours of significance were noted during the investigation.
- No obvious areas of chemical spillage or significant surface staining was identified in the project site.

4.3 Environmental setting

4.3.1 Topography

A previous assessment (Parsons Brinckerhoff, 2009) indicates the topography of the project site is gently undulating, with surface relative levels (RLs) varying from 13.59 m Australian Height Datum (AHD) near Cabramatta Station to 5.02 m AHD on the southern side of the Cabramatta Creek).

The site slopes gently from its northern boundary south towards Cabramatta Creek. Beyond the banks of the creek, the land is generally fairly flat lying from Cabramatta Creek south, through Jacquie Osmond Reserve, and onwards to Warwick Farm Station.

4.3.2 Hydrology

The Cabramatta Creek divides the project site into north and south sections, and delineates the local government area boundaries with Fairfield City Council lying to the north and Liverpool City Council to the south.

On-site drainage is intercepted by stormwater drains along the length of Broomfield Street, and surface water from surrounding land is also expected to be diverted into the local stormwater receiving system. Surface water flow not intercepted by the stormwater system is expected to follow localised topography towards Cabramatta Creek, which divides the proposed route into northern and southern portions.

Cabramatta Creek flows eastwards into the Georges River, which then flows south-east into Botany Bay.

Further information regarding surface water, groundwater and hydrology within the project site is provided in Technical Report 5 – Hydrology and flooding impact assessment (GHD, 2019) and Technical Report 7 – Surface water and groundwater quality impact assessment (GHD, 2019).

4.3.3 Soils and landscapes

A review of the Penrith 1: 100 000 Soil Landscape Series – Sheet 9030 indicates that the project site is within the Blacktown residual landscape. This landscape is classified as shallow to moderately deep (>100 cm) hard-setting, residual mottled texture contrast soils, red and brown podzolic soils on crests grading to yellow podzolic soils on lower slopes and in drainage lines. The map suggests a moderately reactive, highly plastic subsoil with low fertility soils and poor soil drainage. The residual soils have formed from *in situ* weathering of parent rock types. The erosion hazard for non-concentrated flows within this landscape is generally moderate, but ranges from low to very high.

Along the floodplains associated with Cabramatta Creek, the dominant soil landscape is the South Creek alluvial landscape and the Penrith map indicates the soil in this landscape will often comprise very deep, layered sediments over bedrock and relict soils. The erosion hazard for South Creek soil landscape is potentially very high to extreme.

4.3.4 Acid sulfate soils

A review of the NSW Government Sharing and Enabling Environmental Data (SEED) website indicates there are no known occurrences of acid sulfate soils (ASS) along Cabramatta Creek where it intersects the project site.

Information provided in the Atlas of Australian Soils (see Appendix A) confirm that there is a low probability of ASS occurring in the project site; however, both the Atlas of Australian Soils and a review of the SEED website indicate a high probability of ASS occurring approximately one

kilometre to the east of the project site where the Cabramatta Creek feeds into the Georges River.

The Fairfield City Council and Liverpool City Council LEP Acid Sulfate Soils Maps for the project site show no ASS present within the project site. However, the proposed signalling works located near Liverpool Station are in an area classified as Class 5 ASS. Acid sulfate soils are not typically found within Class 5 areas. Instead, the Class 5 classification denotes proximity (within 500 metres) to Class 1, 2, 3, or 4 land. As stated above, the closest mapped occurrence of ASS lies about 1 kilometre east of the project site.

4.3.5 Salinity

Urban salinity occurs in areas where humans have changed natural ecosystems, affecting the movement and storage of salts and water in the environment. Areas prone to salinity are usually at low positions in the landscape, such as in valley floors and along floodplains. The Salinity Potential in Western Sydney map (2002) indicates that the project site is located in an area of moderate salinity potential. Saline areas may occur in this zone, which have not yet been identified or may occur if risk factors change adversely. It should be noted that salinity within areas of moderate salinity potential has been found to affect buildings and vegetation (DLWC 2002).

4.3.6 Geology

A review of the 1 : 25 000 Sydney Area Coastal Quaternary Geology Map, and the 1 : 100 000 Penrith Geological Map indicates that the project site is underlain by sedimentary rocks of the Fairfield Basin, as outlined in Table 4.2.

Table 4.2 Review of exiting groundwater data records

Period	Description
Quaternary (Holocene)	Floodplain silts, fluvial sands and clays (associated with the floodplain of Cabramatta Creek)
Quaternary	Terraces of silts, clays, fluvial sands and gravel
Triassic	Clayey quartzose sandstone and clay
Triassic	Wianamatta Group, Bringelly Shale which comprises shales, carbonaceous claystones, medium grained siltstone and clay

Previous investigation (Parsons Brinckerhoff, 2009) in the vicinity of the project site identified dark grey shales, sands and clay alluvium overlying a bedrock of sandstone and siltstone. Based on the available information, the geology of the project site appears to vary from Bringelly Shales at the northern Cabramatta Station end, to Tertiary sediments and Quaternary alluvium in the south near the Warwick Farm end.

4.3.7 Hydrogeology

A review of groundwater bore records from the NSW Department of Primary Industries - Water NSW (see Appendix A) indicates there is one bore within 500 m of the project site: Bore 213404, which is a bore of unknown purpose and depth. A search of the NSW Real Time Database indicates groundwater works bore (GW017355) lies approximately 750 metres to the east of the project site on the southern side of the Cabramatta Creek, as described in Table 4.3.

Table 4.3 Review of existing groundwater data records

Bore ID	Intended purpose	Depth (m)	Standing water level (m)	Approx. distance from project site	Intersected geology
213404	Unknown	-	-	312 m	-
G7355	Irrigation	9.40	3.30	750 m	0 – 4.26 mbgl* clay 4.26 – 9.44 mbgl* sand and sandy clay (wet sand intersected at 5.02 mbgl)

*mbgl refers to metres below ground level

Previous geotechnical investigations (Parsons Brinckerhoff 2009) undertaken within the rail corridor identified groundwater in the northern section at depths of between 1.5 to 2 metres below ground level (mbgl), decreasing to 0.5 mbgl in the vicinity of Cabramatta Creek, and increasing to a depth of 3 mbgl south of the creek near the Peter Warren car dealerships. This is consistent with the findings of this investigation, and is further discussed in Section 8.1.3.

4.4 Summary of previous investigations

In 2006, the ARTC commissioned Parsons Brinckerhoff to undertake an environmental assessment of the proposed development of the SSFL between Macarthur and Sefton in southern Sydney. This development included a section of rail corridor between Cabramatta and Warwick Farm, which forms part of the project site.

The Parsons Brinckerhoff (2006) environmental assessment listed a number of potential contamination sources along the length of the SSFL. Of those, the most relevant key sources of potential contamination to the project are summarised in Table 4.4.

Table 4.4 Potential contaminants of concern (previous investigations)

Activity	Potential contaminant source	Potential contaminants of concern
Use of project site as a rail corridor	Spillage of lubricants and fuels Pesticides / herbicides for weed maintenance Filling of project site Metal dust and asbestos from wheel abrasion	Heavy metals, hydrocarbons (TRH/BTEX/PAHs) Pesticides/herbicides, arsenic Asbestos Asbestos, heavy metals
Historical disposal of ash within rail corridor	Ash from historical use of rail corridor	Heavy metals, hydrocarbons (TRH/BTEX/PAHs)
Rail infrastructure maintenance	Grit blasting and painting of rail bridges	Heavy metals (particularly lead)
Fill materials beneath the project site	Source of materials unknown	Heavy metals, hydrocarbons (TRH/BTEX/PAHs), phenols, asbestos

4.5 Regulatory information overview

GHD reviewed relevant public records maintained by the NSW EPA, including notices under CLM Act 1997 and POEO Act 1997 Environment Protection Licence Register. Results are summarised below.

4.5.1 EPA Contaminated Land: Record of Notices

The EPA contaminated land record of notices provides a record of written regulatory notices issued under the CLM Act 1997 to the owner or responsible person of a property. A search of the register was undertaken by GHD on 3 October 2018 for both the Liverpool City Council and Fairfield City Council LGAs.

There were no records identified for properties within a 1 km radius of the project site.

4.5.2 List of NSW contaminated sites notified to the EPA

The sites appearing in the list of NSW contaminated sites notified to the EPA indicates that the notifiers consider the sites are contaminated and warrant reporting. The EPA will review the sites and make a determination as to whether the site warrants regulation under the CLM Act 1997. A summary of relevant records for properties within 1 km of the site are listed in Table 4.5.

Table 4.5 List of NSW contaminated sites notified to EPA

Site	Address	Activity	EPA Site management class	Proximity to the project site
Caltex Service Station	168 John St, Cabramatta	Service Station	Regulation under CLM Act not required	1000 m west of Cabramatta Station
Warwick Farm Public School	95 Lawrence Hargrave Rd	Landfill	Under assessment	550 m west of Peter Warren Kia

4.5.3 POEO environment protection licence register

The EPA issues environment protection licences to the owners and operators of various industrial premises under the POEO Act 1997, to regulate potential impacts associated with operation. A search of EPA records for properties with 1.0 km of the project site identified licensed activities listed in Table 4.6.

Table 4.6 Licensed Activities under the POEO Act 1997

License Number	Name	Activity	Status	Proximity to project site
3142	Australian Rail Track Corporation Limited	Railway systems activities	Active	Onsite
12208	Sydney Trains	Railway systems activities	Active	Onsite
372	Sydney Water Corporation	Sewage treatment processing by large plants	Active	590 m south east

The EPA also maintains a list of delicensed activities that are still regulated by the EPA. These include the Liverpool Health Service and the Sydney Southwest Private Hospital, both of which lie more than 700 m outside the project site and are unlikely to impact the site.

In addition, the EPA also retains a list of former licensed activities under the POEO Act 1997 that are now revoked or surrendered. These are listed in Table 4.7, and more detail is included in Appendix A.

Table 4.7 Former licensed activities, now revoked or surrendered

License Number	Name	Activity	Status	Proximity to project site
12535	CPB Contractors Pty Ltd	Liverpool – Ashfield pipeline. Sewage treatment processing by small plants	Surrendered	Onsite
12971	Australian Rail Track Corporation	Railway systems activities	Surrendered	Onsite
4653	Lurhmann Environment Management Pty Ltd	Non-Scheduled Activity – application of pesticides	Surrendered	Onsite
4838	Robert Orchard	Non-Scheduled Activity – application of pesticides	Surrendered	Onsite
5150	Fairfield City Council	Non-Scheduled Activity – application of pesticides	Surrendered	Onsite
5176	Liverpool City Council	Non-Scheduled Activity – application of pesticides	Surrendered	Onsite
6630	Sydney Weed and Pest Management Pty Ltd	Non-Scheduled Activity – application of pesticides	Surrendered	Onsite
13316	John Holland Pty Ltd	Railway System Activities	Surrendered	504 m south

5. Preliminary conceptual site model

A conceptual site model (CSM) is a representation of site-related information regarding contamination sources, receptors and exposure pathways between those sources and receptors. The development of a CSM is an essential part of all site assessments and provides the framework for identifying contamination sources and how potential receptors may be exposed to contamination.

Based on the information reviewed as part of this project, the following CSM has been developed for the potential on-site sources of contamination. The conclusions below outline the potential risks to environmental health in consideration of the results of the preliminary site investigation detailed above and CSM below.

5.1 Potential sources of contamination

Potential sources of contamination at the project site and due to the project are considered to include the following:

- Uncharacterised fill material used in the historical construction of the rail line and bridge embankments, and waste materials from former railway camps
- Former rail haulage activities leading to potential spillages of oils and lubricants from locomotive engines, metal dust and asbestos from wheel abrasion.
- The use of herbicides / pesticides to manage weeds along the rail corridor and in recreational areas within the project site (Jacquie Osmond Reserve and Warwick Farm Reserve)
- Spillages and leaks from vehicles parked in roadways within or adjacent to the project site including Broomfield Street and Sussex Street
- Spill or leaks from vehicles / machinery / plant and equipment used during construction and operation/maintenance activities
- Future rail haulage activities leading to potential spillages of oils and lubricants from locomotive engines, metal dust and asbestos from wheel abrasion.
- Contaminants of potential concern (COPC) related to the historical and current land use include:
 - Asbestos Containing Material (ACM) due to operation of rolling stock with asbestos brake pads
 - Hydrocarbons including total recoverable hydrocarbons (TRH), benzene, toluene, ethylbenzene and xylene (BTEX), polycyclic aromatic hydrocarbons (PAH) and phenols due to uncharacterised fill materials, spillages and leaks
 - Heavy metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel and zinc due to uncharacterised fill materials, spillages and leaks
 - Organochlorine pesticides (OCP) and organophosphorus pesticides (OPP) due to the use of herbicides and pesticides.

5.2 Potential receptors

When evaluating potential adverse health and environmental effects from exposure to a contaminant, all potentially exposed populations should be considered. For the project site, the key populations or receptors of interest are considered to include:

- Current site users
- Construction and/or maintenance workers (ARTC, Sydney Trains, Council)
- Ecological receptors (Cabramatta Creek, Jacquie Osmond Reserve)

5.3 Potential pathways

The primary potential pathways by which receptors could be exposed to contamination outlined above are considered to be:

- Direct contact or incidental ingestion of contaminants
- Inhalation of volatile compounds or dust
- Direct contact of soils with ecological receptors.
- Vertical and horizontal migration of contaminants from the shallow soil into the underlying groundwater. Subsequent migration could then occur into the wider groundwater aquifer
- Surface water runoff and migration into surface water

5.4 Considerations

Based on the information presented in the PSI the following potential linkages should be considered:

- Current site users, it is considered that there is limited exposure to subsurface soils to current site users.
- Construction workers for the project have the potential to have direct contact, incidental ingestion or inhalation of contaminants in soil during the excavation or stockpiling of soils or contaminants in groundwater during piling for the retaining walls and the construction of bridge piers.
- Maintenance workers could potentially have direct contact, incidental ingestion or inhalation of contaminants in soil/groundwater during future activities such as general maintenance or excavation of utilities where soils are exposed.
- There is the potential for rainwater to infiltrate through exposed soils in stockpiles or open excavations, a leading to migration of contaminants. This in turn could impact adjacent surface water quality.
- There is potential for soils, surface water and groundwater to be contaminated due to leaks and spills from equipment and vehicles used during construction or future maintenance activities

6. Basis of assessment

6.1 Contamination assessment criteria

The risk screening criteria selected for this assessment are based on published generic values developed using a series of reasonably conservative assumptions in order to be protective of human health and environment for the majority of sites and exposure scenarios under a variety of land use types. As such they are considered to be appropriate for an initial screen of the analytical data collected during the project site assessment to determine whether there could be a potential risk to human health or ecological receptors from contaminants identified at the project site.

The key reference sources from which human health and/or environmental screening criteria have been adopted for this assessment are as follows:

- *National Environment Protection Measure (NEPM) (2013). Schedule B1 – Guideline on Investigation Levels for Soil and Groundwater.*

When selecting appropriate screening criteria, GHD has considered that the primary end use of the project site will be as a railway (e.g. commercial/industrial). The majority of investigation sites were within the proposed railway corridor (from the Hume Highway overpass to the northern end of Peter Warren Automotive) or along Broomfield Street (from Cabramatta Road overpass to Sussex Street) where the ground will be covered by hard stand asphalt, or tracks and ballast, and will be maintained to be void of vegetation and biota such as animals. Therefore, ecological screening criteria are not considered to be relevant for these areas of the limited contamination investigation area.

Three locations (GHD_TP101, GHD_TP102 and GHD_TP103) were completed in Jacquie Osmond Reserve along the western boundary of the reserve adjacent to the rail corridor. These soils have been screened against both the recreational/open space and commercial/industrial ecological screening criteria, to assess risks around construction.

A summary of the adopted screening criteria for soil are provided on the tables in Appendix E.

6.1.1 Soil - Health-based Investigation Levels

The NEPC (2013) Health-based soil Investigation Levels (HILs) are provided for a range of different exposure settings, which are based on the nature of the use(s) for which the land is currently used and/or its approved use(s). The current and future setting of the project site is taken to be commercial/industrial. Therefore this assessment is based on exposure setting D from herein referred as HIL-D.

The NEPC (2013) Health Screening Levels (HSLs) are generic criteria derived for the purpose of assessing potential risks to human health through vapour intrusion from petroleum hydrocarbon contamination in soil. The potential receptors to vapours, if any, considered as part of this assessment include workers on the project site as well as future users of the project site.

A summary of the health screening criteria adopted to assess soil contamination levels is presented in Appendix E.

6.1.2 Soil – Ecological Investigation Levels and Ecological Screening Levels

The NEPC (2013) Ecological Investigation Levels (EIL) are provided for a range of metals and organic substances and are applicable for assessing risk to terrestrial ecosystems. EILs depend on specific soil physicochemical properties and land use scenarios and generally apply to the

top two metres of soil. This assessment has used a conservative approach by adopting the EILs for both commercial/industrial and urban residential / public open space exposure scenarios.

The NEPC 2013 Ecological Screening Levels (ESLs) have been developed for selected petroleum hydrocarbon compounds and total recoverable hydrocarbon (TRH) fractions and are applicable for assessing risk to terrestrial ecosystems, generally applicable for the top 2 meters of soil. This assessment considers coarse-grained soils for both commercial/industrial and urban residential land use.

The EIL and ESL values are considered only for the test pits on the western boundary of Jacquie Osmond Reserve which is considered to be a potential ecological receptor.

A summary of the ecological screening criteria adopted to assess soil contamination levels is presented in Appendix E.

6.1.3 Management limits

The NEPM (2013) includes “management limits” for total recoverable hydrocarbons (TRH). Management limits are applied after consideration of relevant HSLs. Where TRH concentrations are greater than the adopted HSL, consideration will be given to management limits for a commercial/industrial land use.

Management limits for coarse soil have been assumed given the coarse nature of fill material within the investigation area.

6.2 Waste classification assessment criteria

GHD has compared the analytical results of the soil samples collected at the project site to NSW EPA (2014) Waste Classification Guidelines to provide a preliminary indication of the likely classification for waste disposal purposes.

A summary of the waste classification criteria adopted to assess soil contamination levels is presented in Appendix E.

7. Sampling and analysis

Using information collected during the desktop review and project site inspection, a limited contamination soil sampling plan was prepared and implemented concurrently with a geotechnical investigation carried out by GHD at the investigation area.

7.1 Sampling methodology

The areas investigated and sampling locations are presented on Figure 4.1, and a summary of the investigation methodology is provided in Table 7.1.

Table 7.1 Summary of sampling methodology

Item	Description
Date of fieldwork	10 - 13 November 2018
Investigation locations	<p>The limited contamination investigation included 10 test pits as follows: Along Broomfield Street: GHD_TP02, GHD_TP04, GHD_TP06, in Jacque Osmond Reserve: GHD_TP101, GHD_TP102, GHD_TP103, and within the rail corridor adjacent to Peter Warren Automotive: GHD_TP104, GHD_TP105, GHD_TP106, GHD_TP107 And 8 boreholes as follows: Within the rail corridor adjacent to Peter Warren Automotive: GHD_BH02, GHD_BH03, GHD_BH04, GHD_BH05, GHD_BH06, GHD_BH07, GHD_BH08, GHD_BH09.</p> <p>The locations are shown on Table 4.1. Contamination sampling was undertaken at selected geotechnical investigation locations within the project site. The geotechnical investigation was completed to inform the project design.</p>
Test pit and borehole drilling	<p>The test pits were excavated to depth of 2.0 mbgl using a drilling rig fitted with a 250 mm diameter auger. The boreholes were drilled to a nominal depth of 6.45 mbgl. The drilling was undertaken using continuous solid flight augers from a track mounted specialist geotechnical drilling rig provided by Terratest.</p> <p>The investigation locations were selected to gather information on the general contamination conditions at the investigation area and, where possible, were targeted to areas of concern (such as areas of significant filling).</p>
Sampling	<p>A GHD geotechnical engineer experienced with contamination sampling protocols undertook the soil sampling.</p> <p>Representative samples were collected from the shallow soils or fill material encountered at 18 investigation locations from depths between surface and 0.3 metres below ground level.</p>
Geology logging	Soil encountered in the test pits and boreholes were recorded on logging sheets provided in Appendix C.
Sample handling and transport	Following collection, soil samples were immediately placed on ice and stored in a cool, dark environment (esky) prior to being forwarded to the analytical laboratory within the specified holding times along with a chain of custody (COC) form (Appendix D).

Item	Description
Sample analysis	Soil samples were analysed at a NATA-accredited laboratory for a suite of contaminants of potential concern identified during the desktop review, including: Heavy metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel, and zinc) Benzene, toluene, ethylbenzene, xylenes and naphthalene (BTEXN) Total recoverable hydrocarbons (TRH) Polycyclic aromatic hydrocarbons (PAH) Phenols Organochlorine Pesticides (OCP), Organophosphorus Pesticides (OPP), and Herbicides Asbestos (presence or absence).
Laboratory Results	Laboratory certificates of analysis are provided in Appendix D and summary of the analytical results is provided in Appendix E

7.2 Quality control

7.2.1 Field procedure

All fieldwork was conducted in general accordance with GHD's Standard Field Operating Procedures which are aimed at ensuring that all environmental samples are collected by a set of uniform and systematic methods, as required by GHD's Quality Assurance system. Key requirements of these procedures are as follows:

- Appropriately trained and experienced staff who documented activities using photographs and notes on standard field forms such as daily site records and sampling logs;
- Decontamination procedures - including the use of new disposable gloves for the collection of each sample, decontamination of the sampling equipment between each sampling location (using phosphate free detergent) and the use of dedicated laboratory provided sampling containers;
- Logging procedures - all samples are described using a recognised system;
- Calibration procedures - all field monitoring equipment is appropriately calibrated;
- Sample identification procedures - collected samples were immediately transferred to sample containers of appropriate composition and preservation for the required laboratory analysis. All sample containers were clearly labelled with a sample number, sample location, sample depth (for soil samples) and sample date. The sample containers were then transferred to a ice filled cooler for sample preservation during shipment to the testing laboratory; and
- Chain of custody information requirements - a chain-of-custody form was completed and forwarded to the testing laboratory.

7.2.2 Field quality control samples

Field quality control procedures used during the project comprised the collection and analysis of the following samples:

- **Intra-laboratory (blind) duplicates:** Comprise a single sample that is divided into two separate sampling containers. Both samples are sent anonymously to the project laboratory. Blind duplicates provide an indication of the analytical precision of the laboratory, but are inherently influenced by other factors such as sampling techniques and sample media heterogeneity.

- **Soil RPDs:** Relative percentage differences (RPDs) were calculated with the following criteria adopted for acceptability:
 - RPDs have only been considered where at least one concentration of the duplicate pair is greater than ten times the estimated quantitation limit (EQL).
 - GHD has adopted a nominal acceptance criterion of 30% RPD for field duplicates and splits for inorganics and a nominal acceptance criterion of 50% RPD for field duplicates and splits for organics.
 - However, it is noted that these criteria will not always be achieved, particularly in heterogeneous soil or fill materials, or at low analyte concentrations. In such cases, this does not necessarily indicate a problem with the data.
 - The soil RPD results are presented in Appendix E with the exceedances of the adopted acceptance criteria above discussed in Section 8.4.1.

7.2.3 Laboratory quality control

Laboratory quality control procedures used during the project included:

- **Laboratory duplicate samples:** The analytical laboratory collects duplicate sub samples from one sample submitted for analytical testing at a rate equivalent to one in twenty samples per analytical batch, or one sample per batch if less than twenty samples are analysed in a batch. A laboratory duplicate provides data on the analytical precision and reproducibility of the test result.
- **Spiked Samples:** An authentic field sample is 'spiked' by adding an aliquot of known concentration of the target analyte(s) prior to sample extraction and analysis. A spike documents the effect of the sample matrix on the extraction and analytical techniques. Spiked samples are analysed for each batch where samples are analysed for organic chemicals of concern.
- **Certified Reference Standards:** A reference standard of known (certified) concentration is analysed along with a batch of samples. The Certified Reference Standard (CRS) or Laboratory Control Spike provides an indication of the analytical accuracy and the precision of the test method and is used for inorganic analyses.
- **Surrogate Standard / Spikes:** These are organic compounds which are similar to the analyte of interest in terms of chemical composition, extractability, and chromatographic conditions (retention time), but which are not normally found in environmental samples. These surrogate compounds are 'spiked' into blanks, standards and samples submitted for organic analyses by gas-chromatographic techniques prior to sample extraction. Surrogate Standard/Spikes provide a means of checking that no gross errors have occurred during any stage of the test method leading to significant analyte loss.
- **Method Blank:** Usually an organic or aqueous solution that is as free as possible of analytes of interest to which is added all the reagents, in the same volume, as used in the preparation and subsequent analysis of the samples. The reagent blank is carried through the complete sample preparation procedure and contains the same reagent concentrations in the final solution as in the sample solution used for analysis. The reagent blank is used to correct for possible contamination resulting from the preparation or processing of the sample.

The laboratory provided this information to GHD as presented in Appendix D.

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8. Investigation results

This section presents the results of the soil investigation (sampling and analysis) undertaken by GHD at the investigation area between the 10 and 13 of November 2018.

8.1 Field observations

8.1.1 Soil stratigraphy

Geology encountered in the investigation locations is described on the borehole and test pit logs in Appendix C. In summary, fill was predominantly comprised of sandy, gravelly clay and was typically encountered from surface to a depth of up to 1.50 mbgl, after which natural silty-clayey alluvium ranging from brown to dark grey was present to the base of the test pits and boreholes (maximum depth 6.45 mbgl). Railway ballast was recorded in the fill layer of GHD_BH06. No visual and / or olfactory evidence of contamination (such as odour, staining etc.) was reported during the field investigation.

8.1.2 Field screening

Photo-ionisation detector (PID) readings of volatile organic compounds were taken at the surface (0 – 0.3 mbgl) prior to sampling. The highest reading (1.7 ppm) was taken at GHD_BH04 within the rail corridor. The PID readings ranged between 0.5 and 1.7 ppm.

8.1.3 Groundwater

Groundwater was encountered in seven boreholes within the rail corridor adjacent to Peter Warren Automotive during the investigation. Depth to groundwater ranged from 3.0 m to 6.0 mbgl with an increase in depth to groundwater from north to south (Table 8.1).

Table 8.1 Depth to groundwater

Borehole	Depth to groundwater
GHD_BH02	3 mbgl
GHD_BH03	3 mbgl
GHD_BH04	3 mbgl
GHD_BH05	0.5 mbgl (perched groundwater)
GHD_BH06	5.4 mbgl
GHD_BH08	6.0 mbgl
GHD_BH09	5.5 mbgl

No groundwater sampling or analysis was undertaken as part of this assessment.

8.2 Soil laboratory analytical results

A summary of the laboratory reports for soil samples collected from the investigation area is presented in Appendix D. Analytical results summary tables are included in Appendix E.

8.2.1 Health based investigation

All analytical results were below the assessment criteria for the selected health investigation levels (HILs) and health screening levels (HSLs).

Asbestos

Asbestos was not detected in any of the samples analysed.

Metals

Concentrations of heavy metals were below the assessment criteria or below the laboratory limit of reporting (LOR) in all of the samples analysed.

BTEXN

Concentrations of BTEXN were below the laboratory LOR in all samples.

TRH

No TRH results exceeded the adopted project site assessment levels.

PAH

No PAH results exceeded the adopted project site assessment levels.

Phenols

Concentrations of phenols were below the laboratory LOR in all samples.

Pesticides and herbicides

No pesticide or herbicide (OCPs or OPPs) results exceeded the nominated criteria.

8.2.2 Ecological investigation

EILs and ESLs were reviewed against the results of the three test pits along the western boundary of the Jacquie Osmond Reserve which is considered to be a potential ecological receptor (GHD_TP101 to GHD_TP103).

All analytical results were below the assessment criteria for EILs and ESLs for commercial/industrial and urban residential (open space) land uses. Although there were exceedances of the EILs and ESLs at other sampling locations along Broomfield Street and within the rail corridor adjacent to Peter Warren Automotive, soil concentrations at these locations are not deemed to have the potential to impact ecological receptors given the current land use and distance to ecological receptors.

8.2.3 Management Limits

There were no exceedances of the selected management limits.

8.3 Preliminary waste classification

The preliminary and indicative waste classification indicates that based on the samples collected, soils within the rail corridor would meet the classification of General Solid Waste (GSW) according to the NSW EPA (2014) Waste Classification Guidelines, with the exception of nickel in GHD_TP02_0.25 with 41 mg/kg, which exceeded the 40 mg/kg lead criteria for GSW. GHD_TP02 is located on Broomfield Street to the south of Boundary Lane.

If a waste's specific contaminant concentration test value exceeds the contaminant threshold value set for general solid waste, further assessment using the toxicity characteristic leaching procedure (TCLP) test may be used. Given the low levels of nickel exceedance, it is likely that the TCLP would produce results that remain within the classification for GSW for this sample, however this would need to be confirmed by testing waste streams produced during any construction works.

8.4 Quality control assessment

8.4.1 Field QA/QC

Relative percentage differences (RPDs) for soil duplicate sample

As part of the QA/C program, two soil field duplicate samples were analysed. A review by GHD of the quality control procedures adopted during the sampling and analysis has not identified any issues that would affect the use of the results for the purpose of this assessment.

Duplicate samples

A Relative Percentage Difference (RPD) calculation table is presented in Appendix E. The table shows a comparison of analytical results from primary and duplicate samples analysed during the assessment.

One result (copper in GHD_TP104_0.2) exceeded the nominated RPD acceptance criterion of $\pm 30\%$ for inorganics in soil. The soil primary sample (GHD_TP104_0.2) displayed an elevated level of copper (68 mg/kg), with the duplicate sample returning a concentration of 40 mg/kg, resulting in a RPD of 52%. This exceedance is considered to have resulted from heterogeneity of the fill material sampled.

Given that the majority of RPDs were within acceptance limits, the level of precision is considered suitable for the purposes of this assessment.

8.4.2 Laboratory QA/QC

Holding Times

All analytes were extracted within the reported holding times of the laboratories.

Laboratory programme

The NATA certified laboratory utilised for this assessment (Eurofins|mgt) undertook their own quality assurance and quality control procedures for sample analysis. GHD has reviewed the internal laboratory control data provided within the laboratory reports (refer to Appendix D).

A laboratory spike recovery result for zinc and one for lead were below the pass limit criteria. For these samples, an acceptable recovery was obtained for the laboratory control sample indicating a sample matrix interference.

All other quality assurance sample analysis undertaken by the laboratories passed their own quality assurance and control procedures.

8.4.3 Conclusion

Overall, the results of the QA/QC programme for soil are considered to indicate an acceptable degree of confidence in the analytical programme completed. The analytical data set for soil is considered to be valid and acceptable to base conclusions on the contamination status of the site.

A review by GHD of the quality control procedures adopted during the sampling and analysis has not identified any issues that would affect the use of the results for the purpose of this assessment.

8.5 Refined conceptual site model

Based on the soil sample analytical results of the limited contamination sampling program, the conceptual site model has been refined. Given the analytical results were below the health and

ecological assessment criteria at all sample locations, the potential site pathway-receptor (SPR) linkages are considered not complete. This indicates a low health risk to construction workers, future maintenance workers and ecological receptors from a contamination perspective.

Pathways and linkages for the project site are discussed in Table 6-1 below, which shows the refined conceptual site model based on information obtained during this investigation. However, GHD notes that although the investigation area has had a consistent use across its footprint, given the low sampling density there is potential for unexpected finds to be identified during construction works.

Table 8.2 Refined conceptual site model

Potential Source	Potential Pathway	Potential Receptor	Linkage Complete?
<ul style="list-style-type: none"> Contaminants in fill material used to construct the rail line; possible spillages associated with former and current rail activities; possible spills and leaks associated with future construction activities; use of herbicides and pesticides along rail corridor and in the reserve to manage weeds Contaminants of Potential Concern: Heavy metals Petroleum hydrocarbons and oils Asbestos Herbicides and pesticides 	Direct contact or incidental ingestion of contaminants in soil/water	Commercial/industrial or recreational users of the project site	Incomplete – Site users are unlikely to be exposed to contaminants in soil during everyday use of the project site for rail or recreational activities.
	Direct contact or incidental ingestion of contaminants in soil Inhalation of hydrocarbon vapours (associated with minor oil spills) or inhalation of asbestos fibres in soils	Future construction workers and / or intrusive maintenance workers	Incomplete – Intrusive maintenance and/or construction workers could potentially come into contact with contaminants in the soil during earthworks undertaken during construction and operation/maintenance activities. However, concentrations of contaminants in the soils samples collected from the investigation area were below the health screening criteria. Hydrocarbons were identified in soil samples collected during this assessment but at concentrations below health screening criteria for a vapour inhalation pathway. No asbestos was observed or encountered during the investigation.
	Direct contact, incidental ingestion or inhalation of contaminants in groundwater	Future construction workers and / or intrusive maintenance workers	Unknown – Groundwater was not assessed during this investigation. Given the depth of groundwater recorded during this assessment there is potential to encounter groundwater during piling for the retaining walls and construction of bridge piers. . Further details are provided in Technical Report 7 – Surface water and groundwater quality impact assessment.
	Direct contact	Ecological receptors (Cabramatta Creek, Jacquie Osmond Reserve)	<p>Incomplete – Cabramatta Creek runs beneath part of the project site and Jacquie Osmond Reserve forms part of the project site, being adjacent to the rail corridor. Ecology at these receptors could be exposed to contaminants in the soil if it migrates from the project site during future construction works. However, it should be noted that all concentrations of contaminants in soils samples from the investigation area were below the nominated investigation criteria.</p> <p>Potential - There is potential for the Jacquie Osmond Reserve to be directly impacted by spills and leaks during construction activities undertaken on the reserve, and this will need to be managed as part of the CEMP.</p>

Potential Source	Potential Pathway	Potential Receptor	Linkage Complete?
	Migration in groundwater or surface water	Ecological receptors (Cabramatta Creek, Jacquie Osmond Reserve)	Potential – There is the potential for rainwater to infiltrate through exposed soils in stockpiles or open excavations, allowing migration of contaminants. This in turn could impact adjacent surface water quality. This will need to be managed as part of the CEMP. However given the concentrations of contaminants reported in soil as part of this investigation this risk is considered low.

9. Impact assessment

9.1 Impact assessment – construction

Excavation and ground disturbance activities associated with the road works, embankment and bridge construction, and movement of vehicles within and around the site compounds, would expose and disturb soils. If not adequately managed these activities could result in:

- Erosion of exposed soil and stockpiled materials
- Dust generation
- An increase in sediment loads entering the stormwater system and/or local runoff, and therefore Cabramatta Creek
- Acid sulfate soil conditions
- Mobilisation of contaminated sediments.

Potential impacts as they relate to soil and contamination are considered below. Potential water quality impacts are considered in Technical Report 7 – Surface water and groundwater quality impact assessment. Potential air quality impacts are considered in Technical Report 3 – Air quality impact assessment.

9.1.1 Soils

Soil erosion

Construction of the project may temporarily expose areas of natural ground surface and sub-surface through excavation and / or the removal of hardstand such as roads and footpaths during the) or vegetation, during the following construction activities:

- Clearing of trees and/or vegetation along Broomfield Street, near Cabramatta Creek and in Jacquie Osmond Reserve
- Excavation and removal of hardstand during road works along Broomfield Street and Sussex Road
- Excavation associated with construction of the Jacquie Osmond embankment and retaining walls.

The exposure of soil to runoff and wind can increase soil erosion potential, particularly where construction activities are undertaken in soil landscapes characterised by a high and extreme erosion hazard such as those present in the project site (refer to Section 4.3.3).

Soil erosion impacts are expected to be minimal for the majority of the project as a result of the limited areas of excavation and earthworks, the overall topography of the project site, and the temporary nature of exposure.

Regardless of the amount of excavation and ground disturbance required, the potential for erosion impacts would be minimised by implementing standard soil erosion management measures during construction, as described in Section 9.3.

Acid sulfate soils

As described in Section 4.3.4 acid sulfate soils have not been mapped within the project site and are considered to have a low likelihood of occurrence.

Acid sulfate soils only become an issue if the sediments are exposed to air. If sulfate sediments remain below the water table where they cannot be oxidised, then they do not pose a problem.

Given that the majority of excavation works within the project site would be relatively shallow, and unlikely to encounter the water table, the potential for the project to impact acid sulfate soils is considered minimal. There would be some deeper works associated with piling of the retaining walls and construction of the bridges, however given that no acid sulfate soils have been mapped within the project site, the potential for impacts associated with acid sulfate soils during these activities is also considered minimal. Mitigation measures have been provided to manage any potential impacts in the unlikely situation that acid sulfate soils are encountered during works.

Salinity

The Salinity Potential in Western Sydney map (2002) indicates that the project site is located in an area of moderate salinity potential as noted in Section 4.3.5. Salinity within areas of moderate salinity potential may affect in-ground railway infrastructure such as footings and foundations. Electrical conductivity testing undertaken on the soils during the concurrent geotechnical investigation on boreholes adjacent to Peter Warren Automotive (GHD_BH02, GHD_BH03, GHD_BH05, GHD_BH06, GHD_BH07 and GHD_BH09), indicated a soil electrical conductivity of between 39 – 740 $\mu\text{S}/\text{cm}$; whereas soil is often considered saline if it has an EC of 4000 $\mu\text{S}/\text{Cm}$ or over (DLWC 2002). Given the electrical conductivity results from soil sampling are significantly below 4000 $\mu\text{S}/\text{Cm}$, the potential for saline soils to be present within the project site is considered unlikely and has not been considered further in this assessment.

9.1.2 Contamination

Excavation and ground disturbance activities during construction may disturb any contamination and hazardous materials present in soil. As described in Section 5 if inadequately managed, the disturbance of areas of contamination has the potential for:

- Direct contact and/or inhalation by site workers, users and visitors
- Impacts to surrounding environmental receivers
- Mobilisation and migration of surface and subsurface contaminants via leaching, runoff and/or subsurface flow, impacting nearby soils, Cabramatta Creek and groundwater.

Given that concentrations of COPC in all analysed soil samples were below the adopted human health and ecological screening levels, and asbestos was not encountered during the investigation or in analysed soil samples, the health impact to construction workers, users and visitors and the potential impact to environmental receivers during construction is considered to be low. Considering that no contamination of concern was found in the soils, the potential for mobilisation of contaminants via runoff, leaching or sub-surface soils is also considered low.

Spills and leaks of fuels, oils, and other hazardous materials during construction have the potential to result in contamination of the soil. This could result from the operation and maintenance of plant and equipment adjacent to work areas and within the compound sites.

9.2 Impact assessment - operation

9.2.1 Contamination

The following principal operational activities at the project site have the potential to result in soil and groundwater contamination if not appropriately managed.

- Incidental spillage or leakage of lubricants, oils and fuels from plant and equipment during maintenance activities
- Use of pesticides and herbicides to control weeds within the rail corridor

- Erosion and movement of soils exposed during maintenance activities.
- Future rail haulage activities leading to potential spillages of oils and lubricants from locomotive engines, metal dust and asbestos from wheel abrasion.
- Locomotive maintenance is not anticipated to be undertaken within the project site.

The potential for contamination as a result of general maintenance activities is considered to be low, based on the limited extent of these activities and the amount of vehicles and equipment that would likely be used during maintenance. These impacts would be minimised by implementing procedures to manage spills and control weeds during operation of the rail network similar to those used currently for the SSFL operation. ARTC are not responsible for the operation of rolling stock. Freight trains would continue to operate in accordance with existing operating procedures and State legislative requirements.

9.3 Recommended management and mitigation measures - construction

9.3.1 Soils

To manage potential general soil and erosion impacts, a erosion and sediment control measures should be developed and implemented in accordance with Managing Urban Stormwater: Soils and Construction Volume 1 (Landcom, 2004), and Managing Urban Stormwater: Soils and Construction Volume 2A (Department of Environment and Climate Change, 2008).

Acid sulfate soils

For this project, management of risk for ASS includes:

- Where possible, avoiding construction in land where ASS is known to occur
- If this is not possible, prevent oxidation of the sulphides, and
- If this is not possible, allow oxidation of the sulphides but neutralise the acid as it is produced.

As described in Section 4.3.4, the project lies within an area of low potential for ASS, however, where ASS are suspected or encountered during excavation, soil sampling and analysis are recommended to determine the presences or absence of ASS. This is particularly relevant for deep piling works in the vicinity of Cabramatta Creek where work is expected to extend beneath fill levels.

In order to minimise the impact on construction activities, a field pH testing and field peroxide pH testing regime should be undertaken for the deeper excavation and piling work around Cabramatta Creek, in accordance with the *Acid Sulfate Soils Assessment Guidelines* (ASSMAC, 1998). Should ASS or potential ASS be identified during the testing, then an Acid Sulfate Soils Management Plan will need to be prepared and implemented.

9.3.2 Contamination

An Unexpected finds Procedure (UFP) should be prepared and implemented at the project site during construction. There may be areas of contamination at the project site that have not been identified by the limited investigation completed by GHD. As such, a UFP is required to explain the identification and management procedures to be followed should unexpected contamination be encountered during development of the site.

To manage the potential for contamination due to spillages, fuels and chemicals the CEMP should include an incident emergency spill procedure.

GHD has completed a preliminary waste classification for soils samples at the project site; this should be considered when assessing disposal options for waste soils that may be generated during construction. However, final waste classification must be conducted in accordance with NSW EPA (2014) Waste Classification Guidelines using a sampling density appropriate for the volume of waste to be excavated and removed, prior to any offsite disposal being undertaken.

Where construction works are undertaken within the rail corridor, or within the defined study area, the mitigation measures proposed to mitigate impacts identified as part of this assessment are considered sufficient to manage signalling works within the rail corridor, or utility relocation/protection or tie in works within the study area. Construction work undertaken on utilities located outside the footprint should be assessed for the potential to encounter contamination. These locations and associated risks should be considered on a site by site basis and assessed and managed accordingly.

9.4 Recommended management and mitigation measures - operation

9.4.1 Soil

During any maintenance works where soils are exposed, sediment and erosion control devices, and stockpile management practices should be implemented and installed in accordance with Managing Urban Stormwater: Soils and Construction Volume 1 (Landcom, 2004).

9.4.2 Contamination

Leaks and spills during maintenance activities should be managed in accordance with ARTC's existing spill response procedures and ARTC's Environment Protection License #3142.

10. Conclusions

Based on the results of the scope of works presented in Section 1.5 of this report, and in accordance with the limitations presented in Section 11, the following conclusions have been made.

- A review of publicly available data confirms that the operation of the railway has occurred since at least 1870.
- There are no records held on the NSW EPA contaminated land database that would suggest the project site is contaminated or has been notified as being contaminated.
- Desktop review, project site inspection and limited soil sampling carried out in the investigation area by GHD as part of this assessment has not identified any evidence of gross or widespread contamination in soils.
- Based on desktop review, no evidence of acid sulfate soils (Class 1 to 4) have been identified within the area likely to be impacted by the project.
- Concentrations of heavy metals and hydrocarbons in samples of shallow soils collected from the project site did not exceed selected health-screening criteria for ongoing primary use of the project site as a railway.
- Limited sampling at three locations on the western boundary of Jacquie Osmond Reserve returned results that were below all selected health based and ecological assessment criteria.
- Soils collected from the project site have a preliminary waste classification of General Solid Waste with the exception of soil at TP02 that was initially classified as Restricted Solid Waste due to the presence of a slightly elevated concentration of nickel. It is likely that TCLP analysis would produce results that remain within the classification for GSW for this sample, however this would need to be confirmed by testing on waste streams produced during any development works.
- Based on the results of this assessment the risk of impacts to human health and the environment due to contamination present in soils is considered low, and it is considered that the potential for soil and contamination impacts during construction or operation of the project would be appropriately mitigated through the implementation of the management measures provided in this assessment.

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11. References

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12. Limitations

This report has been prepared by GHD for ARTC and may only be used and relied on by ARTC for the purpose agreed between GHD and ARTC as set out in this report.

GHD otherwise disclaims responsibility to any person other than ARTC arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described throughout this report. GHD disclaims liability arising from any of the assumptions being incorrect.

Where data supplied by ARTC or other external sources, including previous site investigation data and site plans, have been used, it has been assumed that the information is correct unless otherwise stated. No responsibility is accepted by GHD for incomplete or inaccurate data supplied by others.

The opinions, conclusions and any recommendations in this report are based on information obtained from, and testing undertaken at or in connection with, specific sample points. Site conditions at other parts of the site may be different from the site conditions found at the specific sample points.

Investigations undertaken in respect of this report are constrained by the particular site conditions, such as the location of buildings, services and vegetation. As a result, not all relevant site features and conditions may have been identified in this report.

Site conditions (including the presence of hazardous substances and/or site contamination) may change after the date of this Report. GHD does not accept responsibility arising from, or in connection with, any change to the site conditions. GHD is also not responsible for updating this report if the site conditions change.

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Appendices

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Appendix A – Lot Search reports



Date: 09 Oct 2018 12:01:07

Reference: LS004300 EP

**Address: Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170
(Section 1)**

Disclaimer:

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

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Location Confidences

Where Lotsearch has had to georeference features from supplied addresses, a location confidence has been assigned to the data record. This indicates a confidence to the positional accuracy of the feature. Where applicable, a confidence is given under the field heading “LocConf” or “Location Confidence”.

LC Code	Location Confidence
Premise match	Georeferenced to the site location / premise or part of site
General area or suburb match	Georeferenced with the confidence of the general/approximate area
Road match	Georeferenced to the road or rail
Road intersection	Georeferenced to the road intersection
Feature is a buffered point	Feature is a buffered point
Land adjacent to geocoded site	Land adjacent to Georeferenced Site

Dataset Listing

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

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features Onsite	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	Dept. Finance, Services & Innovation	09/10/2018	09/10/2018	Daily	-	-	-	-
Topographic Data	Dept. Finance, Services & Innovation	17/07/2018	17/07/2018	As required	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority	12/09/2018	05/09/2018	Monthly	1000	0	0	2
Contaminated Land Records of Notice	Environment Protection Authority	04/09/2018	04/09/2018	Monthly	1000	0	0	0
Former Gasworks	Environment Protection Authority	04/10/2018	11/10/2017	Monthly	1000	0	0	0
National Waste Management Site Database	Geoscience Australia	07/08/2018	07/03/2017	Quarterly	1000	0	0	0
EPA PFAS Investigation Program	Environment Protection Authority	05/10/2018	05/10/2018	Monthly	2000	0	0	0
EPA Other Sites with Contamination Issues	Environment Protection Authority	11/01/2018	11/01/2018	As required	1000	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority	03/10/2018	03/10/2018	Monthly	1000	2	2	2
Delicensed POEO Activities still Regulated by the EPA	Environment Protection Authority	03/10/2018	03/10/2018	Monthly	1000	0	0	0
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority	03/10/2018	03/10/2018	Monthly	1000	7	7	7
UPSS Environmentally Sensitive Zones	Environment Protection Authority	14/04/2015	12/01/2010	As required	1000	1	1	1
UBD Business to Business Directory 1991 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	2	2
UBD Business to Business Directory 1991 (Road & Area Matches)	Hardie Grant			Not required	150	-	1	1
UBD Business to Business Directory 1986 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	17	67
UBD Business to Business Directory 1986 (Road & Area Matches)	Hardie Grant			Not required	150	-	6	6
UBD Business Directory 1982 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	12	62
UBD Business Directory 1982 (Road & Area Matches)	Hardie Grant			Not required	150	-	6	6
UBD Business Directory 1978 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	13	45
UBD Business Directory 1978 (Road & Area Matches)	Hardie Grant			Not required	150	-	10	10
UBD Business Directory 1975 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	12	70
UBD Business Directory 1975 (Road & Area Matches)	Hardie Grant			Not required	150	-	17	17
UBD Business Directory 1970 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	35	76
UBD Business Directory 1970 (Road & Area Matches)	Hardie Grant			Not required	150	-	33	33
UBD Business Directory 1965 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	36	83
UBD Business Directory 1965 (Road & Area Matches)	Hardie Grant			Not required	150	-	20	20
UBD Business Directory 1961 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	44	84
UBD Business Directory 1961 (Road & Area Matches)	Hardie Grant			Not required	150	-	21	21
UBD Business Directory 1950 (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	16	26
UBD Business Directory 1950 (Road & Area Matches)	Hardie Grant			Not required	150	-	32	36

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features Onsite	No. Features within 100m	No. Features within Buffer
UBD Business Directory Drycleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	500	0	4	50
UBD Business Directory Drycleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	500	-	31	48
Points of Interest	Dept. Finance, Services & Innovation	17/07/2018	17/07/2018	Quarterly	1000	0	3	76
Tanks (Areas)	Dept. Finance, Services & Innovation	17/07/2018	17/07/2018	Quarterly	1000	0	0	0
Tanks (Points)	Dept. Finance, Services & Innovation	17/07/2018	17/07/2018	Quarterly	1000	0	0	0
Major Easements	Dept. Finance, Services & Innovation	17/07/2018	17/07/2018	As required	1000	0	0	6
State Forest	Dept. Finance, Services & Innovation	18/01/2018	18/01/2018	As required	1000	0	0	0
NSW National Parks and Wildlife Service Reserves	NSW Office of Environment & Heritage	18/01/2018	30/09/2017	Annually	1000	0	0	0
Hydrogeology Map of Australia	Commonwealth of Australia (Geoscience Australia)	08/10/2014	17/03/2000	As required	1000	1	1	1
Botany Groundwater Management Zones	NSW Department of Primary Industries	15/03/2018	01/10/2005	As required	1000	0	0	0
Groundwater Boreholes	NSW Dept. of Primary Industries - Water NSW; Commonwealth of Australia (Bureau of Meteorology)	24/07/2018	23/07/2018	Annually	2000	0	0	58
Geological Units 1:100,000	NSW Dept. of Industry, Resources & Energy	20/08/2014		None planned	1000	2	-	3
Geological Structures 1:100,000	NSW Dept. of Industry, Resources & Energy	20/08/2014		None planned	1000	0	-	2
Naturally Occurring Asbestos Potential	NSW Dept. of Industry, Resources & Energy	04/12/2015	24/09/2015	Unknown	1000	0	0	0
Soil Landscapes	NSW Office of Environment & Heritage	12/08/2014		None planned	1000	2	-	3
Atlas of Australian Soils	CSIRO	19/05/2017	17/02/2011	As required	1000	2	3	3
Standard Local Environmental Plan Acid Sulfate Soils	NSW Planning and Environment	07/10/2016	07/10/2016	As required	500	0	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	19/01/2017	21/02/2013	As required	1000	2	2	3
Dryland Salinity - National Assessment	National Land and Water Resources Audit	18/07/2014	12/05/2013	None planned	1000	0	0	0
Dryland Salinity Potential of Western Sydney	NSW Office of Environment & Heritage	12/05/2017	01/01/2002	None planned	1000	1	1	4
Mining Subsidence Districts	Dept. Finance, Services & Innovation	13/07/2017	01/07/2017	As required	1000	0	0	0
SEPP 14 - Coastal Wetlands	NSW Planning and Environment	17/12/2015	24/10/2008	Annually	1000	0	0	0
SEPP 26 - Littoral Rainforest	NSW Planning and Environment	17/12/2015	05/02/1988	Annually	1000	0	0	0
SEPP 71 - Coastal Protection	NSW Planning and Environment	17/12/2015	01/08/2003	Annually	1000	0	0	0
SEPP Major Developments 2005	NSW Planning and Environment	09/03/2013	25/05/2005	Under Review	1000	0	0	0
SEPP Strategic Land Use Areas	NSW Planning and Environment	01/08/2017	28/01/2014	Annually	1000	0	0	0
LEP - Land Zoning	NSW Planning and Environment	23/07/2018	29/06/2018	Quarterly	1000	10	15	70
LEP - Minimum Subdivision Lot Size	NSW Planning and Environment	23/07/2018	13/07/2018	Quarterly	0	1	-	-
LEP - Height of Building	NSW Planning and Environment	09/08/2018	22/06/2018	Quarterly	0	2	-	-
LEP - Floor Space Ratio	NSW Planning and Environment	23/07/2018	06/07/2018	Quarterly	0	2	-	-
LEP - Land Application	NSW Planning and Environment	23/07/2018	29/06/2018	Quarterly	0	2	-	-
LEP - Land Reservation Acquisition	NSW Planning and Environment	23/07/2018	13/07/2018	Quarterly	0	0	-	-
State Heritage Items	NSW Office of Environment & Heritage	04/04/2018	30/09/2016	Quarterly	1000	0	0	0

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features Onsite	No. Features within 100m	No. Features within Buffer
Local Heritage Items	NSW Planning and Environment	04/04/2018	23/03/2018	Quarterly	1000	2	2	13
Bush Fire Prone Land	NSW Rural Fire Service	08/08/2018	31/07/2018	Quarterly	1000	3	3	3
Native Vegetation of the Sydney Metropolitan Area	NSW Office of Environment & Heritage	01/03/2017	16/12/2016	As required	1000	4	4	10
RAMSAR Wetlands	Commonwealth of Australia Department of the Environment	08/10/2014	24/06/2011	As required	1000	0	0	0
Groundwater Dependent Ecosystems	Bureau of Meteorology	14/08/2017	15/05/2017	Unknown	1000	1	1	1
Inflow Dependent Ecosystems Likelihood	Bureau of Meteorology	14/08/2017	15/05/2017	Unknown	1000	1	1	4
NSW BioNet Species Sightings	NSW Office of Environment & Heritage	24/09/2018	24/09/2018	Daily	10000	-	-	-

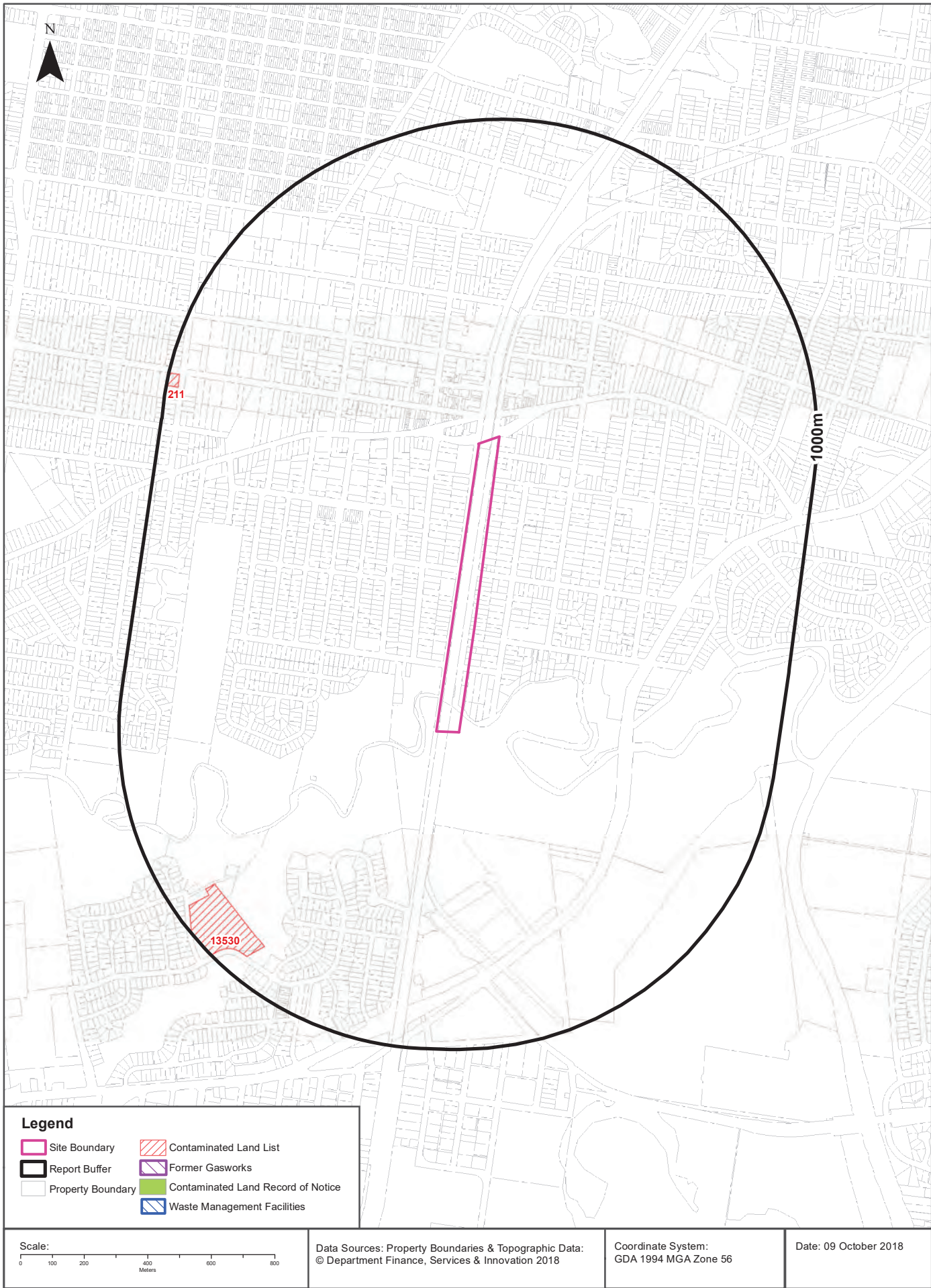
Aerial Imagery 2017

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)



Contaminated Land & Waste Management Facilities

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)



Contaminated Land & Waste Management Facilities

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

List of NSW contaminated sites notified to EPA

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

Map Id	Site	Address	Suburb	Activity	Management Class	Status	Location Confidence	Dist (m)	Direction
13530	Warwick Farm Public School	95 Lawrence Hargrave Road	WARWICK FARM	Landfill	Under assessment	Current EPA List	Premise Match	845m	South West
211	Caltex Service Station Cabramatta	168 John Street	Cabramatta	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	962m	North West

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

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

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

Contaminated Land & Waste Management Facilities

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

Contaminated Land: Records of Notice

Record of Notices within the dataset buffer:

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

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

Former Gasworks

Former Gasworks within the dataset buffer:

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

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

National Waste Management Site Database

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

Site Id	Owner	Name	Address	Suburb	Class	Landfill	Reprocess	Transfer	Comments	Loc Conf	Dist (m)	Direction
N/A	No records in buffer											

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

EPA PFAS Investigation Program

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

EPA PFAS Investigation Program

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

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

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

EPA Other Sites with Contamination Issues

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

EPA Other Sites with Contamination Issues

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

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

Sites within the dataset buffer:

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

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

Current EPA Licensed Activities

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)



EPA Activities

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

Licensed Activities under the POEO Act 1997

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

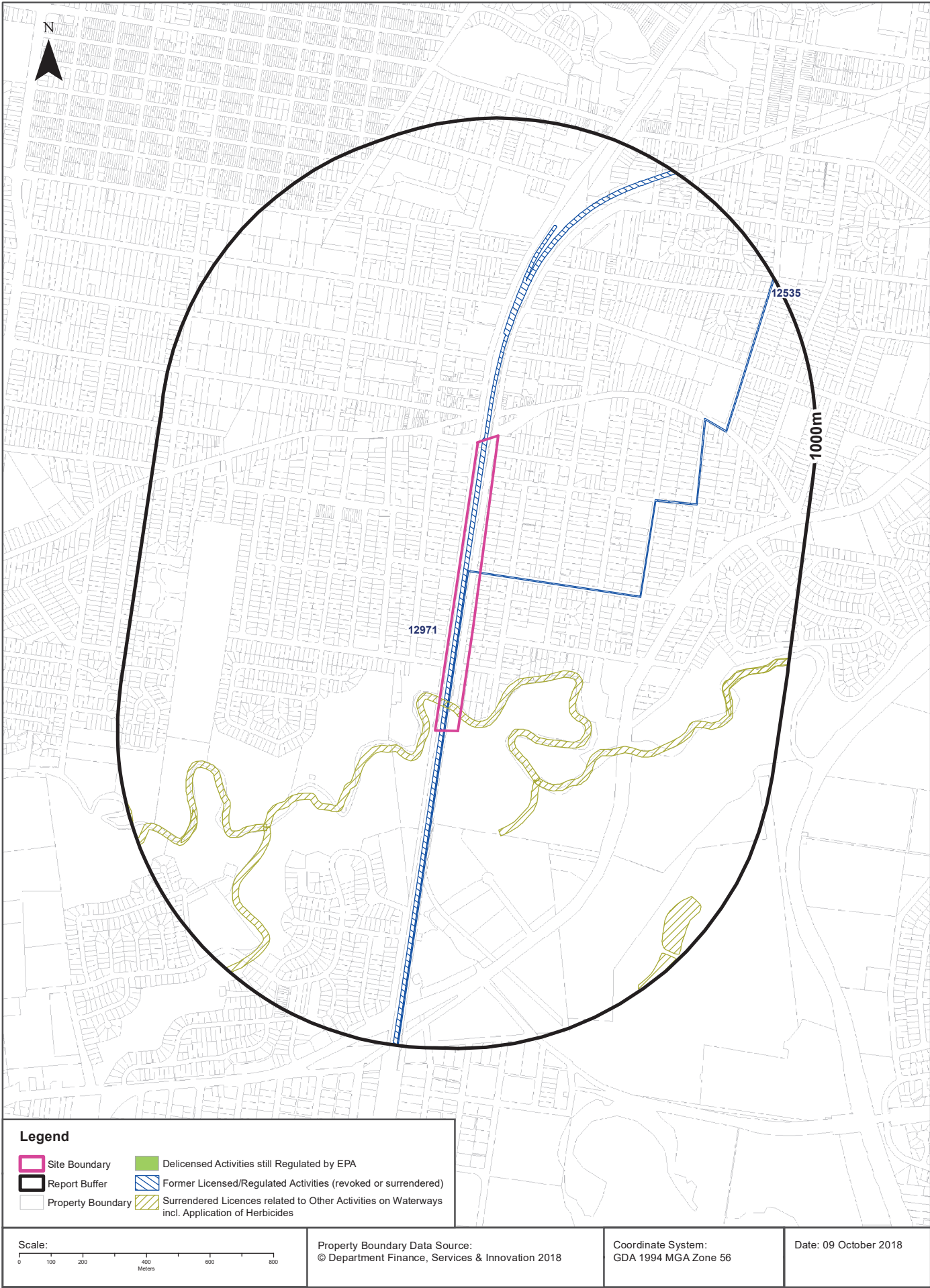
EPL	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
3142	AUSTRALIAN RAIL TRACK CORPORATION LIMITED		GPO BOX 14, SYDNEY, NSW 2001		Railway systems activities	Network of Features	0m	Onsite
12208	SYDNEY TRAINS		PO BOX K349, HAYMARKET, NSW 1238		Railway systems activities	Road Match	0m	Onsite

POEO Licence Data Source: Environment Protection Authority

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Delicensed & Former Licensed EPA Activities

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)



EPA Activities

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

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
N/A	No records in buffer							

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
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	0m	Onsite
12971	AUSTRALIAN RAIL TRACK CORPORATION LIMITED	Amy Street Berala to Menangle Road Glen Alpine, BERALA, NSW 2141	Surrendered	26/11/2008	Railway systems activities	Road Match	0m	Onsite
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	Onsite
4838	Robert Orchard	Various Waterways throughout New South Wales - SYDNEY NSW 2000	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	Onsite
5150	FAIRFIELD CITY COUNCIL	WATERWAYS OF FAIRFIELD CITY COUNCIL - FAIRFIELD NSW 2165	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	Onsite
5176	LIVERPOOL CITY COUNCIL	WATERWAYS OF LIVERPOOL CITY	Surrendered	17/04/2001	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	Onsite
6630	SYDNEY WEED & PEST MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW - PROSPECT, NSW, 2148	Surrendered		Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	Onsite

Former Licensed Activities Data Source: Environment Protection Authority
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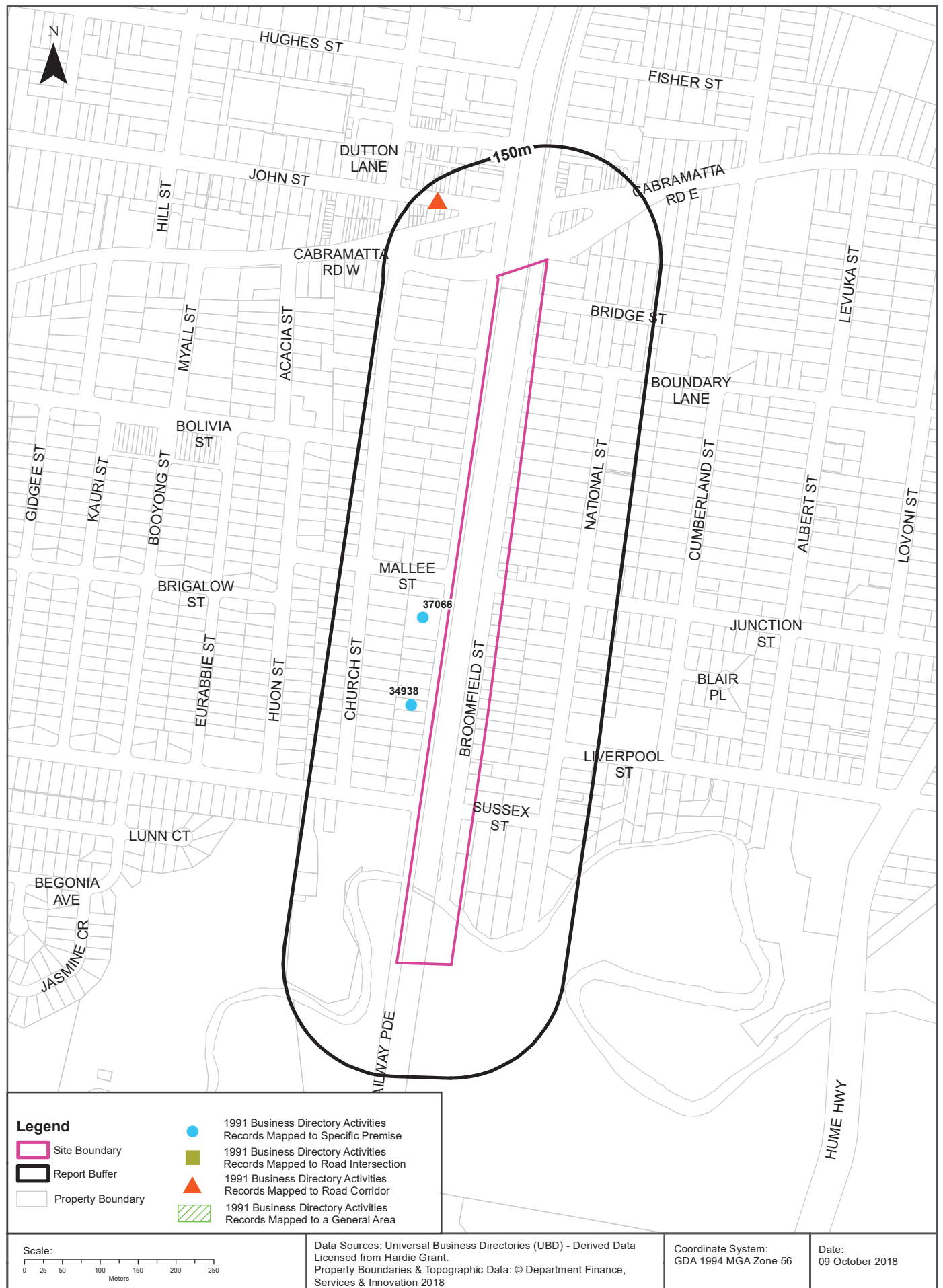
UPSS Sensitive Zones

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)



1991 Historical Business Directory Records

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)



Historical Business Directories

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

1991 Business to Business Directory Records Premise or Road Intersection Matches

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

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
Auto Electricians	Forsyth, A., 249 Railway Pde, Cabramatta 2166	34938	Premise Match	31m	South West
Builders Supplies	Bargain Building Supplies Pty. Ltd, 240 Railway Pde., Cabramatta. 2166	37066	Premise Match	33m	West

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

1991 Business to Business Directory Records Road or Area Matches

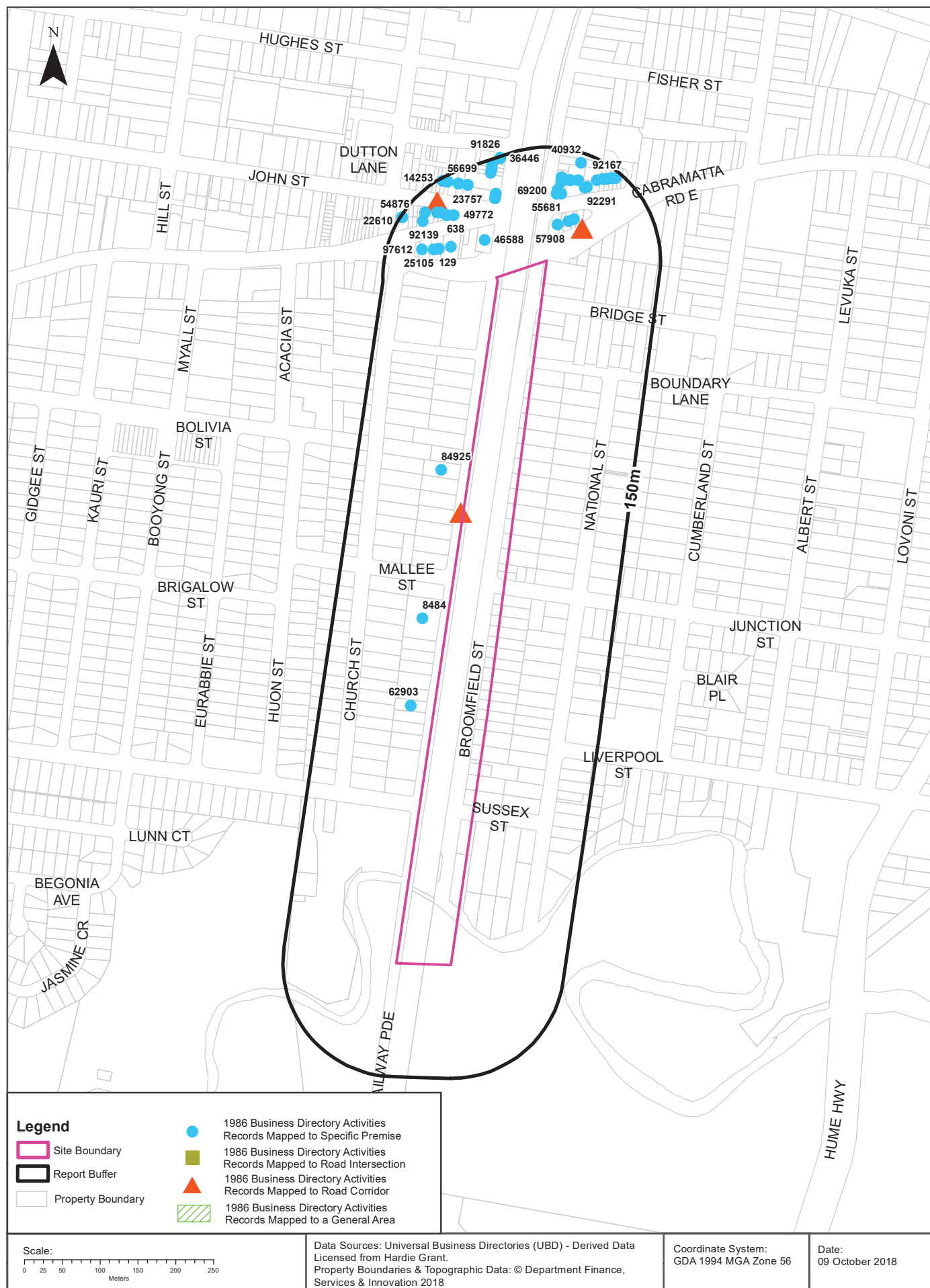
Records from the 1991 UBD Business to Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
Motor Garages & Service Stations	Esso Cabramatta Service Station, John St, Cabramatta 2166	53714	Road Match	100m

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

1986 Historical Business Directory Records

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)



Historical Business Directories

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

1986 Business to Business Directory Records Premise or Road Intersection Matches

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

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
MOTOR ELECTRICIANS.	Forsyth, A., 249 Railway Pde, Cabramatta.	62903	Premise Match	31m	South West
BUILDERS SUPPLIERS.	Bargain Building Supplies, 240 Railway Pde., Cabramatta.	8484	Premise Match	33m	West
SCHOOLS - KINDERGARTEN, DAY NURSERY.	Monaghan, A. F., 232 Railway Pde., Cabramatta.	84925	Premise Match	37m	North
MEDICAL PRACTITIONERS.	Teisseyre Zofia, 156 Cabramatta Rd., Cabramatta.,	57908	Premise Match	50m	North
HOTELS-LICENSED.	Cabramatta Inn, 90 Railway Pde., Cabramatta.	46588	Premise Match	52m	North
HAIRDRESSERS-LADIES &/OR BEAUTY SALONS.	Bonnies Hairdressing Salon, 150 Cabramatta Rd., Cabramatta.	41698	Premise Match	60m	North
RESTAURANTS.	Le Chasseur Francias, 148 Cabramatta Rd., Cabramatta,	82116	Premise Match	66m	North
BEAUTICIANS.	Aux Coquettes, 182 Cabramatta Rd., Cabramatta,	5665	Premise Match	73m	North
ACCOUNTANTS & AUDITORS.	Apex Accounting Co., 190 Cabramatta Rd., Cabramatta.	129	Premise Match	85m	North
TAXATION CONSULTANTS.	Apex Accounting Co., 190 Cabramatta Rd., Cabramatta.	92139	Premise Match	85m	North
NEWSAGENTS.	Cabramatta East Newsagent, 96A Broomfield St., Cabramatta.	69200	Premise Match	90m	North
MEDICAL PRACTITIONERS.	Kaushik, N. S. & S. K., 151 Cabramatta Rd., Cabramatta.	55681	Premise Match	91m	North
DRESS FABRIC RETAILERS.	Van-Hung Fabrics, 192 Cabramatta Rd., Cabramatta.	25105	Premise Match	91m	North
DENTISTS.	Coby, M. D., 94 Broomfield St., Cabramatta.	22428	Premise Match	95m	North
FISH MERCHANTS-RETAIL.	Tran Bros., 94 Broomfield St., Cabramatta.	33293	Premise Match	95m	North
CHEMISTS-PHARMACEUTICAL.	Bookalilis Pharmacy, 208 Railway Pde., Cabramatta.	13989	Premise Match	100m	North
JEWELLERS &/OR WATCHMAKERS-RETAIL.	Hungi Than'h Jewellers, 2 John St., Cabramatta.	49772	Premise Match	100m	North
FRUITERERS &/OR GREENGROCERS.	Ziino, A., 207 Railway Pde., Cabramatta.	36477	Premise Match	102m	North
VIDEO RECORDER &/OR CASSETTE SALES &/OR HIRE &/OR SERVICE.	International Video, 198 Cabramatta Rd., Cabramatta.	97612	Premise Match	105m	North
ACCOUNTANTS & AUDITORS.	Kenez, I., 6 John St., Cabramatta,	638	Premise Match	105m	North
TAXATION CONSULTANTS.	Kenez, I., 6 John St., Cabramatta.	92312	Premise Match	105m	North
MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Kostopoulos, G., 8 John St., Cabramatta.,	59223	Premise Match	105m	North
FISH MERCHANTS-RETAIL.	Notaras, G. & J., 206 Railway Pde., Cabramatta.	33219	Premise Match	105m	North
GROCERS-RETAIL.	Duc-Hung Long, 92 Broomfield St., Cabramatta.	40614	Premise Match	106m	North
ACCOUNTANTS & AUDITORS.	Coopers & Lybrand, 14S Cabramatta Rd. East, Cabramatta,	321	Premise Match	109m	North
STOCK &/OR STATION AGENTS.	Cabramatta Agencies, 155 Cabramatta Rd., Cabramatta.,	89459	Premise Match	111m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
AUCTIONEERS REAL ESTATE	Cabramatta Agencies, 155 Cabramatta Rd., Cabramatta.	4364	Premise Match	111m	North
REAL ESTATE AGENTS.	Cabramatta Agencies, 155 Cabramatta Rd., Cabramatta.	79219	Premise Match	111m	North
DELICATESSENS.	David Lu Food Store, 155 Cabramatta Rd., Cabramatta.	21664	Premise Match	111m	North
TAXATION CONSULTANTS.	I.T.P. People, The, 143 Cabramatta Rd., Cabramatta.	92291	Premise Match	111m	North
DENTISTS.	Benetatos, S., 90 Broomfield Ave, Cabramatta.	22299	Premise Match	112m	North
REAL ESTATE AGENTS.	Hooker, L. J. Cabramatta, 90 Broomfield St, Cabramatta.	79611	Premise Match	112m	North
CLOTHING-RETAIL-LADIES &/OR GIRLS WEAR.	Marina Frocks, 12 John St., Cabramatta,	17527	Premise Match	113m	North
MIXED BUSINESSES.	Olympic Store, 149 Cabramatta Rd., Cabramatta,.	60255	Premise Match	114m	North
TRAVEL AGENCIES &/OR BOOKING OFFICES.	USSIA Travel Agency, 14 John St., Cabramatta.	95749	Premise Match	117m	North
BUTCHERS-RETAIL.	Tiern-Thit, 195 Cabramatta Rd., Cabramatta.	10720	Premise Match	122m	North
CHEMISTS-PHARMACEUTICAL.	Cabramatta East Pharmacy, 137 Cabramatta Rd. East, Cabramatta.	14025	Premise Match	125m	North
CONFECTIONERS-RETAIL.	Darrell-Lea, 18 John St., Cabramatta.	20042	Premise Match	128m	North
DEPARTMENTAL STORES.	Woolworths Ltd., 19 John St., Cabramatta.	23757	Premise Match	128m	North
GROCERS-RETAIL.	Woolworths Ltd., 19 John St., Cabramatta.	41254	Premise Match	128m	North
RESTAURANTS.	ShunHing, 135 Cabramatta Rd. East, Cabramatta. -	82845	Premise Match	131m	North
DENTISTS.	Fung, John, Y., 25 John St., Cabramatta.	22611	Premise Match	134m	North
DENTISTS.	Morphett, J. A., 25 John St., Cabramatta.	23057	Premise Match	134m	North
BUTCHERS-RETAIL.	W. & K. Butchery, 201 Railway Pde., Cabramatta.	10780	Premise Match	134m	North
TAXATION CONSULTANTS.	Block, H. & R., 133 Cabramatta Rd. East, Cabramatta.	92167	Premise Match	135m	North
TAKE-AWAY FOODS.	Georges Pizza & Food Bar, 131 Cabramatta Rd. East, Cabramatta.	90887	Premise Match	138m	North
MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Georges Pizza & Food Bar, 131 Cabramatta Rd. East, Cabramatta.	59160	Premise Match	138m	North
GROCERS-RETAIL.	Jip Hong Food Store, 86 Broomfield St., Cabramatta.	40932	Premise Match	138m	North
NEWSAGENTS.	Cassimaty, J. 200 Railway Pde., Cabramatta.	69217	Premise Match	139m	North
TRAVEL AGENCIES &/OR BOOKING OFFICES.	Mekong & Holding Travel, 129 Cabramatta Rd. East, Cabramatta.	95455	Premise Match	142m	North
DENTISTS.	Abouf, Shop 8 Walkway Centre, 33 John St., Cabramatta.	22230	Premise Match	143m	North
BEAUTICIANS.	Mirjana's, Shop 5 Walkway Centre, 33 John St., Cabramatta.	5797	Premise Match	143m	North
DELICATESSENS	Kariaths G 199 Railway Pde., Cabramatta.	21825	Premise Match	143m	North
MEDICAL PRACTITIONERS.	Kwan, E., Shop 7 Walkway Centre, 33 John St., Cabramatta.	55886	Premise Match	143m	North
CLOTHING-RETAIL-MENS &/OR BOYS WEAR.	Loose Threads, Shop 1 Walkway Centre, 33 John St., Cabramatta.	18511	Premise Match	143m	North
TAKE-AWAY FOODS.	Minh-Tam, Shop 4 Walkway Centre, 33 John St., Cabramatta.	91364	Premise Match	143m	North
MEDICAL PRACTITIONERS.	Ng. Jit, Seng, 7 Walkway Centre, 33 John St., Cabramatta,	56699	Premise Match	143m	North
MEDICAL PRACTITIONERS.	Pham Binh My. Shop 7 Walkway Centre, 33 John St., Cabramatta.	56952	Premise Match	143m	North
POULTRY DEALERS - RETAIL.	Red-Lea, Shop 2 Walkway Centre, 33 John St., Cabramatta.	75629	Premise Match	143m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
TAKE-AWAY FOODS.	Red-Lea, Shop 2 Walkway Centre, 33 John St., Cabramatta.	91650	Premise Match	143m	North
CLOTHING-RETAIL-LADIES &/OR GIRLS WEAR.	Saigon Xpress, Shop 5 Walkway Centre, 33 John St., Cabramatta.	17822	Premise Match	143m	North
CHEMISTS-PHARMACEUTICAL.	Gardiner, G., 35 John St., Cabramatta.	14253	Premise Match	146m	North
DENTISTS.	Fung, John, 28 John St., Cabramatta.	22610	Premise Match	148m	North
MEDICAL PRACTITIONERS.	Fok, Kitty K. F., 28 John St., Cabramatta.	54876	Premise Match	148m	North
TAKE-AWAY FOODS.	Surrento Coffee Lounge, 195 Railway Pde., Cabramatta.	91826	Premise Match	149m	North
CAFES, MILK BARS &/OR SNACK BARS.	Surrento Coffee Lounge, 195 Railway Pde., Cabramatta.	11419	Premise Match	149m	North
FRUITERERS &/OR GREENGROCERS.	Vartuli & Torfino, 195 Railway Pde., Cabramatta.	36446	Premise Match	149m	North

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

1986 Business to Business Directory Records Road or Area Matches

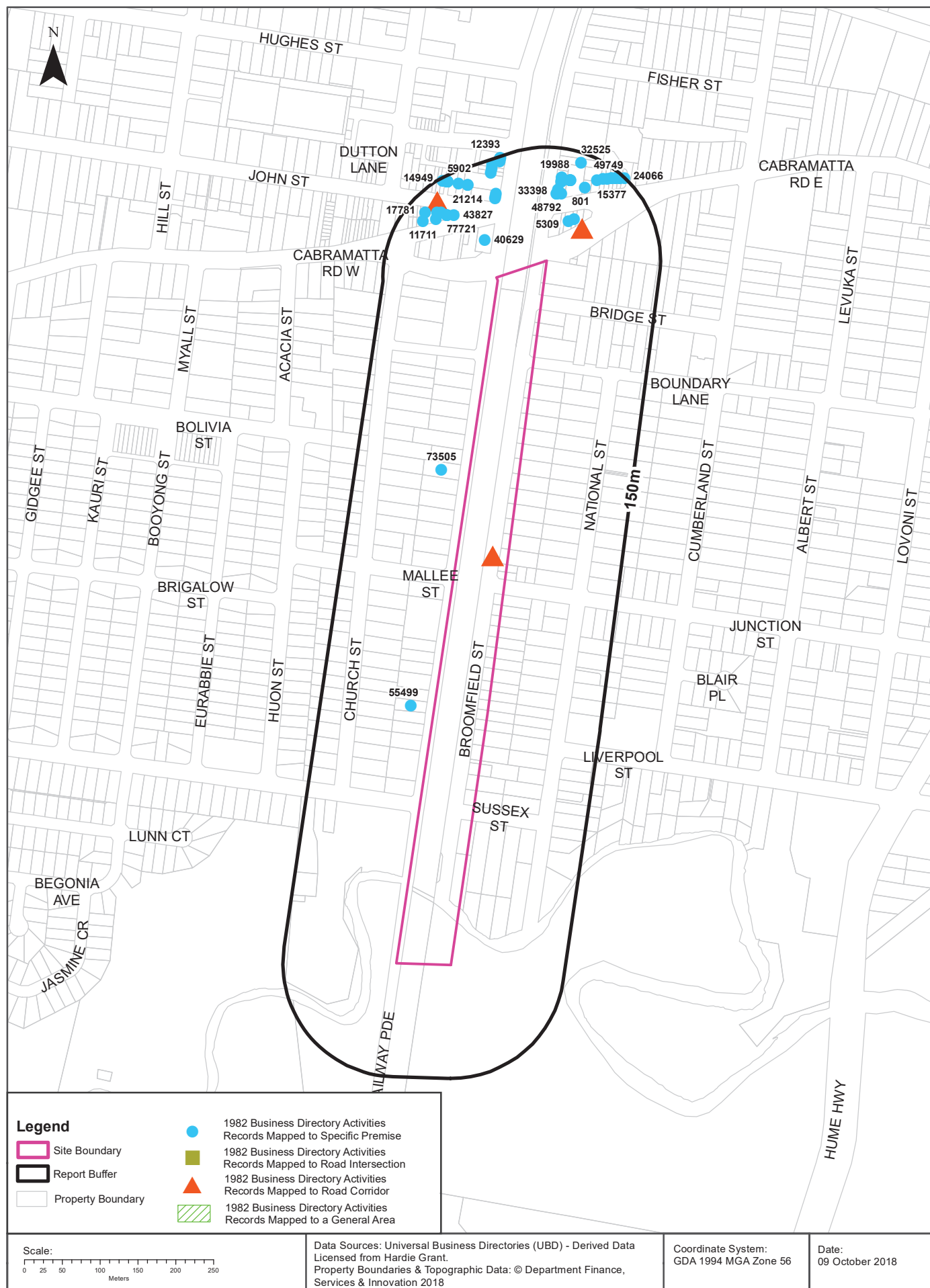
Records from the 1986 UBD Business to Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
MOTOR GARAGES & SERVICE STATIONS.	Amoco Cabramatta Service Station, Cabramatta Rd., Cabramatta.	63884	Road Match	0m
CHEMISTS-PHARMACEUTICAL.	Penna's Pharmacy, 198 Railway Pde., Cabramatta.	14697	Road Match	0m
MEDICAL PRACTITIONERS.	Lau, C. M., 17 John St., Cabramatta.	55958	Road Match	58m
MOTOR GARAGES & SERVICE STATIONS.	Esso Cabramatta Service Station, John St., Cabramatta.	64613	Road Match	100m
MOTOR STEERING SPECIALISTS.	Esso Cabramatta Service Station, John St., Cabramatta.	67773	Road Match	100m
TYRE DEALERS &/OR RETREADERS &/OR VULCANISERS.	Esso Cabramatta Service Station, John St., Cabramatta.	96339	Road Match	100m

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

1982 Historical Business Directory Records

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)



Historical Business Directories

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

1982 Business Directory Records Premise or Road Intersection Matches

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

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
MOTOR ELECTRICIANS, (M6580)	Forsyth, A., 249 Railway Pde., Cabramatta. 2266.	55499	Premise Match	31m	South West
SCHOOLS - KINDERGARTEN, DAY.NURSERY. (S1470)	Monaghan, A. T, 232 Railway Pde., Cabramatta. 2166.	73505	Premise Match	37m	North
HOTELS - LICENSED. (H7150)	Cabramatta Inn, 90 Railway Pde., Cabramatta. 2166.	40629	Premise Match	52m	North
BEAUTY SALONS &/OR LADIES HAIRDRESSERS. (B2000)	Bonnies Hairdressing Salon, 150 Cabramatta Rd., Cabramatta.2166.	5309	Premise Match	60m	North
RESTAURANTS. (R5180)	Le Chasseur Francias, 148 Cabramatta Rd., Cabramatta. 2166.	71205	Premise Match	66m	North
BEAUTY SALONS &/OR LADIES HAIRDRESSERS. (B2000)	Erika Hair Stylist, 96 Broomfield St, Cabramatta. 2166.	5599	Premise Match	90m	North
FRUITERERS &/OR GREENGROCERS. (F6775)	Cammari Bros., 96 Broomfield St., Cabramatta. 2166.	33398	Premise Match	90m	North
NEWSAGENTS. (N0800)	Cosmopolitan Newsagent, 96a Broomfield St , Cabramatta. 2166.	60461	Premise Match	90m	North
MEDICAL PRACTITIONERS. (M2020)	Kaushik, N. S. & S. K., 151 Cabramatta Rd., Cabramatta. 2166.	48792	Premise Match	91m	North
DENTISTS. (D1800)	Coby, M. D., 94 Broomfield St., Cabramatta. 2166.	20094	Premise Match	95m	North
CHEMISTS - PHARMACEUTICAL. (C4110)	Bookalils Pharmacy, 208 Railway Pde., Cabramatta. 2166.	14788	Premise Match	100m	North
JEWELLERS &/OR WATCHMAKERS RETAIL. (J0550)	Whittakers Jewellers, 2 John St., Cabramatta. 2166.	43827	Premise Match	100m	North
FRUITERERS &/OR GREENGROCERS. (F6775)	Ziino, A., 207 Railway Pde., Cabramatta. 2166,	34089	Premise Match	102m	North
SURVEYORS - LAND, (S8160)	Hill, J. F. & Associates, 6 John St., Cabramatta. 2166.	77721	Premise Match	105m	North
ACCOUNTANTS & AUDITORS.(A0360)	Kenez, I., 6 John St., Cabramatta. 2166.	553	Premise Match	105m	North
MILK, FRUIT JUICE BARS &/OR CONFECTIONERS, (M3180)	Kostopoulos, G., 8 John St., Cabramatta. 2166.	52280	Premise Match	105m	North
FISH MERCHANTS - RETAIL (F2825)	Notaras, G. & J., 206 Railway Pde., Cabramatta. 2166.	31009	Premise Match	105m	North
GROCERS - RETAIL. (G7850)	Asian Food Store, 92 Broomfield Ave., Cabramatta. 2166.	37372	Premise Match	106m	North
MEDICAL PRACTITIONERS. (M2020)	Jakovic, V., 92 Broomfield St., Cabramatta. 2166.	48708	Premise Match	106m	North
ACCOUNTANTS & AUDITORS.(A0360)	Rankin, P. G. Peel & Co., 145 Cabramatta Rd. East, Cabramatta.2166.	801	Premise Match	109m	North
AUCTIONEERS - REAL ESTATE.(A8430)	Cabramatta Agencies, 155 Cabramatta Rd., Cabramatta. 2166.	3893	Premise Match	111m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
REAL ESTATE AGENTS. (R2555)	Cabramatta Agencies. 155 Cabramatta Rd , Cabramatta. 2166.	68711	Premise Match	111m	North
STOCK &/OR STATION AGENTS.(S7140)	Cabramatta Agencies. 155 Cabramatta Rd., Cabramatta. 2166.	77388	Premise Match	111m	North
DELICATESSENS. (D1250)	Murray's Food Store, 155 Cabramatta Rd., Cabramatta. 2166.	19598	Premise Match	111m	North
LEATHER GOODS RETAILERS.(L3500)	Wheatley, D., 191 Cabramatta Rd., Cabramatta. 2166.	45234	Premise Match	111m	North
DENTISTS. (D1800)	Benetatos, S., 90 Broomfield Ave, Cabramatta. 2166.	19988	Premise Match	112m	North
REAL ESTATE AGENTS. (R2555)	Hooker, L. J. Cabramatta, 90 Broomfield St., Cabramatta. 2166.	69114	Premise Match	112m	North
DRESS SHOPS & ACCESSORIES.(D7450)	Marina Frocks, 12 John St., Cabramatta. 2166.	23140	Premise Match	113m	North
TRAVEL AGENCIES &/OR BOOKING OFFICES. (T7425)	USSIA Travel Agency, 14 John St., Cabramatta. 2166.	82218	Premise Match	117m	North
BUTCHERS - RETAIL. (B8040)	Tiem-Thit, 195 Cabramatta Rd., Cabramatta. 2166.	11711	Premise Match	122m	North
CHEMISTS - PHARMACEUTICAL. (C4110)	Medich, J., 137 Cabramatta Rd, East, Cabramatta. 2166.	15377	Premise Match	125m	North
CONFECTIONERS - RETAIL. (C7290)	Darrell-Lea. 18 John St., Cabramatta. 2166.	17781	Premise Match	128m	North
GROCERS - RETAIL. (G7850)	Woolworths Ltd., 19 John St., Cabramatta. 2166.	38140	Premise Match	128m	North
DEPARTMENTAL STORES. (D1950)	Woolworths Ltd., 19 John St., Cabramatta. 2166.	21214	Premise Match	128m	North
RESTAURANTS. (R5180)	Shun Hing, 135 Cabramatta Rd. East., Cabramatta. 2166.	71715	Premise Match	131m	North
DENTISTS. (D1800)	Morphett, J. A., 25 John St., Cabramatta. 2166.	20624	Premise Match	134m	North
BUTCHERS - RETAIL. (B8040)	W. & K. Butchery, 201 Railway Pde Cabramatta. 2166.	11758	Premise Match	134m	North
BUTCHERS - RETAIL. (B8040)	Baypla (C'matta) Pty. Ltd., 133 Cabramatta Rd. East., Cabramatta. 2166.	10507	Premise Match	135m	North
MILK, FRUIT JUICE BARS &/OR CONFECTIONERS, (M3180)	Georges Pizza & Food Bar, 131 Cabramatta Rd., Cabramatta.2166	52209	Premise Match	138m	North
TAKE-AWAY FOODS. (T0235)	Georges Pizza & Food Bar, 131 Cabramatta Rd., Cabramatta.2166	78375	Premise Match	138m	North
FOOTWEAR RETAILERS (F5575)	Monti's Fashion Shoes, 86 Broomfield St., Cabramatta. 2166.	32525	Premise Match	138m	North
NEWSAGENTS. (N0800)	Cassimaty, J. 200 Railway Pde., Cabramatta. 2166.	60423	Premise Match	139m	North
MEDICAL PRACTITIONERS. (M2020)	Moses, J. M., 129 Cabramatta Rd. East., Cabramatta. 2166.	49499	Premise Match	142m	North
MEDICAL PRACTITIONERS. (M2020)	Patwardhan, J. R., 129 Cabramatta Rd. East, Cooramatta. 2166.	49749	Premise Match	142m	North
HAIRDRESSERS - GENTS. (H0550)	Irmgards, Shop 6 Walkway Centre, 33 John St., Cabramatta. 2166.	38563	Premise Match	143m	North
BEAUTY SALONS &/OR LADIES HAIRDRESSERS. (B2000)	Irmgards, Shop 6 Walkway Centre, 33 John St., Cabramatta. 2166.	5902	Premise Match	143m	North
DENTISTS. (D1800)	Miknic, N., Shop 8 Walkway Centre, 33 John St., Cabramatta.2166.	20597	Premise Match	143m	North
BEAUTICIANS. (B1985)	Mirjana's, Shop 5 Walkway Centre, 33 John St., Cabramatta. 2166.	5139	Premise Match	143m	North
MEDICAL PRACTITIONERS. (M2020)	Beh, P. C. T., Shop 7 Walkway Centre, 33 John St., Cabramatta.2166.	47175	Premise Match	143m	North
DELICATESSENS. (D1250)	Kariatlis, G., 199 Railway Pde., Cabramatta. 2166.	19504	Premise Match	143m	North
MERCERS - MENS &/OR BOYS OUTFITTERS. (M2120)	Loose Threads, Shop 1 Walkway Centre, 33 John St., Cabramatta.2166.	51288	Premise Match	143m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
TAKE-AWAY FOODS. (T0235)	Minh-Tam, Shop 4 Walkway Centre, 33 John St., Cabramatta.2166.	78692	Premise Match	143m	North
SANDWICH &/OR LUNCHEONSHOPS. (S0600)	Nanas Shop, Shop 2 Walkway Centre, 33 John St., Cabramatta.2166	72994	Premise Match	143m	North
DRESS SHOPS & ACCESSORIES.(D7450)	Saigon Xpress, Shop 3 Walkway Centre, 33 John St., Cabramatta.2166.	23387	Premise Match	143m	North
BEAUTY SALONS &/OR LADIES HAIRDRESSERS. (B2000)	Stardust Beauty Salon, 197 Railway Pde., Cabramatta. 2166,	6571	Premise Match	144m	North
CHEMISTS - PHARMACEUTICAL. (C4110)	Dash & Gardiner, 35 John St., Cabramatta. 2166.	14949	Premise Match	146m	North
FRUITERERS &/OR GREENGROCERS. (F6775)	Kiratli, Y & Soker, T., 127 Cabramatta Rd. East., Cabramatta.2166.	33663	Premise Match	146m	North
MILK, FRUIT JUICE BARS &/OR CONFECTIONERS, (M3180)	Kiratli, Y & Soker, T., 127 Cabramatta Rd. East., Cabramatta.2166.	52272	Premise Match	146m	North
DRY CLEANERS & PRESSERS.(D8500)	Stardust Dry Cleaners, 125 Cabramatta Rd. East., Cabramatta.2166.	24066	Premise Match	149m	North
CAFES, TEA ROOMS &/OR COFFEELOUNGES. (C0345)	Surrento Coffee Lounge, 195 Railway Pde., Cabramatta. 2166.	12393	Premise Match	149m	North
TAKE-AWAY FOODS. (T0235)	Surrento Coffee Lounge, 195 Railway Pde., Cabramatta. 2166.	78934	Premise Match	149m	North
FRUITERERS &/OR GREENGROCERS. (F6775)	Vartuli, Torfino & Inzitari, 195 Railway Pde., Cabramatta. 2166.	34053	Premise Match	149m	North

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

1982 Business Directory Records Road or Area Matches

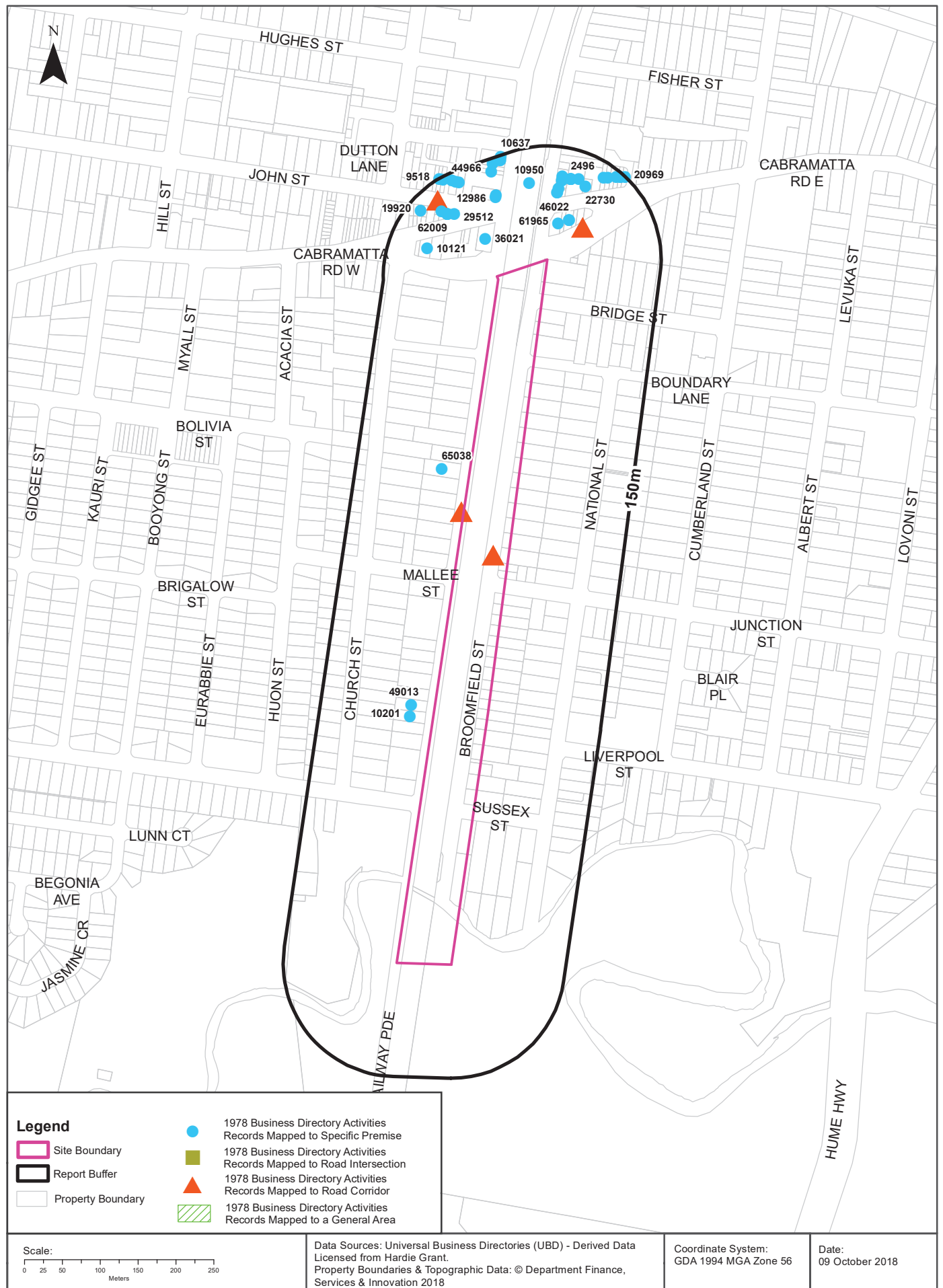
Records from the 1982 UBD Business Directory, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Amoco Cabramatta Service Station, Cabramatta Rd Cabramatta.2166.	55958	Road Match	0m
BUTCHERS - RETAIL. (B8040)	Champion Butchery, The, 93 Broomfield St., Cabramatta. 2166.	10683	Road Match	0m
GIFT SHOPS. (G3350)	Beverlys Jewellery, 7 John St.(Cabramatta. 2166.	36103	Road Match	58m
MOTOR STEERING SPECIALISTS.(M8100)	Esso Cabramatta Service Station, John St Cabramatta. 2166.	59511	Road Match	100m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Esso Cabramatta Service Station, John St., Cabramatta. 2166.	56682	Road Match	100m
TYRE DEALERS &/OR RETREADERS &/OR VULCANISERS. (T8830)	Esso Cabramatta Service Station, John St., Cabramatta. 2166.	82635	Road Match	100m

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1978 Historical Business Directory Records

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)



Historical Business Directories

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

1978 Business Directory Records Premise or Road Intersection Matches

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

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
MOTOR ELECTRICIANS	Forsyth, A., 249 Railway Pde., Cabramatta.	49013	Premise Match	31m	South West
BUTCHERS - WHOLESALE.	Myers.C..Boneless Meats Pty. Ltd., 250 Railway Pde., Cabramatta.	10201	Premise Match	31m	South West
SCHOOLS-KINDERGARTEN, DAY NURSERY.	Monaghan, A. F., 232 Railway Pde., Cabramatta.	65038	Premise Match	37m	North
REAL ESTATE AGENTS &/OR VALUERS.	Mann, R. &Co., 156 Cabramatta Rd., Cabramatta.	61965	Premise Match	50m	North
HOTELS-LICENSED.	Cabramatta Inn, 90 Railway Pde., Cabramatta.	36021	Premise Match	52m	North
BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Jackies Hairdressing Salon, 150 Cabramatta Rd., Cabramatta.	5120	Premise Match	60m	North
MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Magonezos. E., 152 Cabramatta Rd., Cabramatta.	46022	Premise Match	60m	North
BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Erika Hair Stylist, 96 Broomfield St., Cabramatta.	4968	Premise Match	90m	North
CHEMISTS-PHARMACEUTICAL.	Theatre Pharmacy. 96a Broomfield St., Cabramatta.	13896	Premise Match	90m	North
DENTISTS.	Coby, M. D., 94 Broomfield St., Cabramatta.	17982	Premise Match	95m	North
BUTCHERS-RETAIL.	Zukow. E. & S., 196 Cabramatta Rd. West. Cabramatta.	10121	Premise Match	99m	North
CHEMISTS-PHARMACEUTICAL.	Bookaliis Pharmacy. 208 Railway Pde., Cabramatta.	12986	Premise Match	100m	North
FOOTWEAR RETAILERS.	Wheatley, C. E., 2 John St., Cabramatta.	29512	Premise Match	100m	North
FRUITERERS &/OR GREENGROCERS.	Vilagliano Brs., 207 Railway Pde., Cabramatta.	30933	Premise Match	102m	North
CAKE SHOPS&/OR PASTRYCOOKS.	Sloane. N., Railway Station, Cabramatta.	10950	Premise Match	104m	North
SURVEYORS-LAND.	Hill. J.F. & Associates, 6 John St., Cabramatta.	68887	Premise Match	105m	North
ACCOUNTANTS & AUDITORS.	Kenez, I.. 6 John St., Cabramatta.	478	Premise Match	105m	North
REAL ESTATE AGENTS &/OR VALUERS.	Michaels Real Estate. 6 John St., Cabramatta.	62009	Premise Match	105m	North
MEDICAL PRACTITIONERS.	Staden. J.. 92 Broomfield St., Cabramatta.	44355	Premise Match	106m	North
DELICATESSENS.	Station Delicatessen, The, 92 Broomfield St., Cabramatta.	17688	Premise Match	106m	North
ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL.	Cabramatta Elec. Centre, 145 Cabramatta Rd., Cabramatta.	22730	Premise Match	109m	North
ANIMAL &/OR BIRD DEALERS.	Rainbow Garden Pet Centres, 155 Cabramatta Rd., Cabramatta.	2496	Premise Match	111m	North
REAL ESTATE AGENTS &/OR VALUERS.	Cabramatta Agencies, 155 Cabramatta Rd., Cabramatta.	61458	Premise Match	111m	North
STOCK &/OR STATION AGENTS.	Cabramatta Agencies, 155 Cabramatta Rd., Cabramatta.	68602	Premise Match	111m	North
AUCTIONEERS-REAL ESTATE.	Cabramatta Agencies, 155 Cabramatta Rd.. Cabramatta.	3683	Premise Match	111m	North
DENTISTS.	Benetatos. S., 90 Broomfield Ave, Cabramatta.	17905	Premise Match	112m	North
DRESS SHOPS & ACCESSORIES.	Marina Frocks, 12 John St., Cabramatta.	20280	Premise Match	113m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
GROCERS-RETAIL.	Bills Minit Market. 149 Cabramatta Rd. East., Cabramatta.	33688	Premise Match	114m	North
RESTAURANTS.	Kam Hing Wah, 135 Cabramatta Rd. East., Cabramatta.	63071	Premise Match	131m	North
DRESS SHOPS & ACCESSORIES.	Benson, J., 20 John St., Cabramatta.	19920	Premise Match	133m	North
BUTCHERS-RETAIL.	Gambrill, D., 201 Railway Pde., Cabramatta.	9190	Premise Match	134m	North
DENTISTS.	Morphett, J. A., 25 John St., Cabramatta.	18350	Premise Match	134m	North
BUTCHERS-RETAIL.	Baypla (C'matta) Pty. Ltd., 133 Cabramatta Rd. East., Cabramatta.	8890	Premise Match	135m	North
SPORTSWEAR RETAILERS.	Sussan lingerie L Sportswear. 27 John St., Cabramatta.	67060	Premise Match	137m	North
MERCERS-MENS &/OR BOYS OUTFITTERS.	Ingalls, 29 John St., Cabramatta.	44966	Premise Match	140m	North
CHEMISTS-PHARMACEUTICAL.	Ronalds Pharmacy. 129 Cabramatta Rd. East., Cabramatta.	13769	Premise Match	142m	North
DELICATESSENS.	Kariatlis, G., 199 Railway Pde., Cabramatta.	17504	Premise Match	143m	North
BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Stardust Beauty Salon, 197 Railway Pde., Cabramatta.	5610	Premise Match	144m	North
FRUITERERS &/OR GREENGROCERS.	Vartuli. Iorfino & Inzitari, 197 Railway Pde., Cabramatta.	30924	Premise Match	144m	North
CHEMISTS-PHARMACEUTICAL.	Dash & Gardiner, 35 John St., Cabramatta.	13132	Premise Match	146m	North
FRUITERERS &/OR GREENGROCERS.	Kiratli, Y & Soker, T., 127 Cabramatta Rd. East., Cabramatta.	30551	Premise Match	146m	North
MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Kiratli. Y & Soker. T., 127 Cabramatta Rd. East., Cabramatta.	45992	Premise Match	146m	North
DRY CLEANERS, PRESSERS &/OR DYERS	Stardust Dry Cleaners, 125 Cabramatta Rd. East., Cabramatta.	20969	Premise Match	149m	North
BUTCHERS-RETAIL.	Manahan, J. & M. Pty. Ltd., 37 John St., Cabramatta.	9518	Premise Match	149m	North
CAFES, TEA ROOMS &/OR COFFEE LOUNGES.	Surrento Coffee Lounge. 195 Railway Pde., Cabramatta.	10637	Premise Match	149m	North

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1978 Business Directory Records Road or Area Matches

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

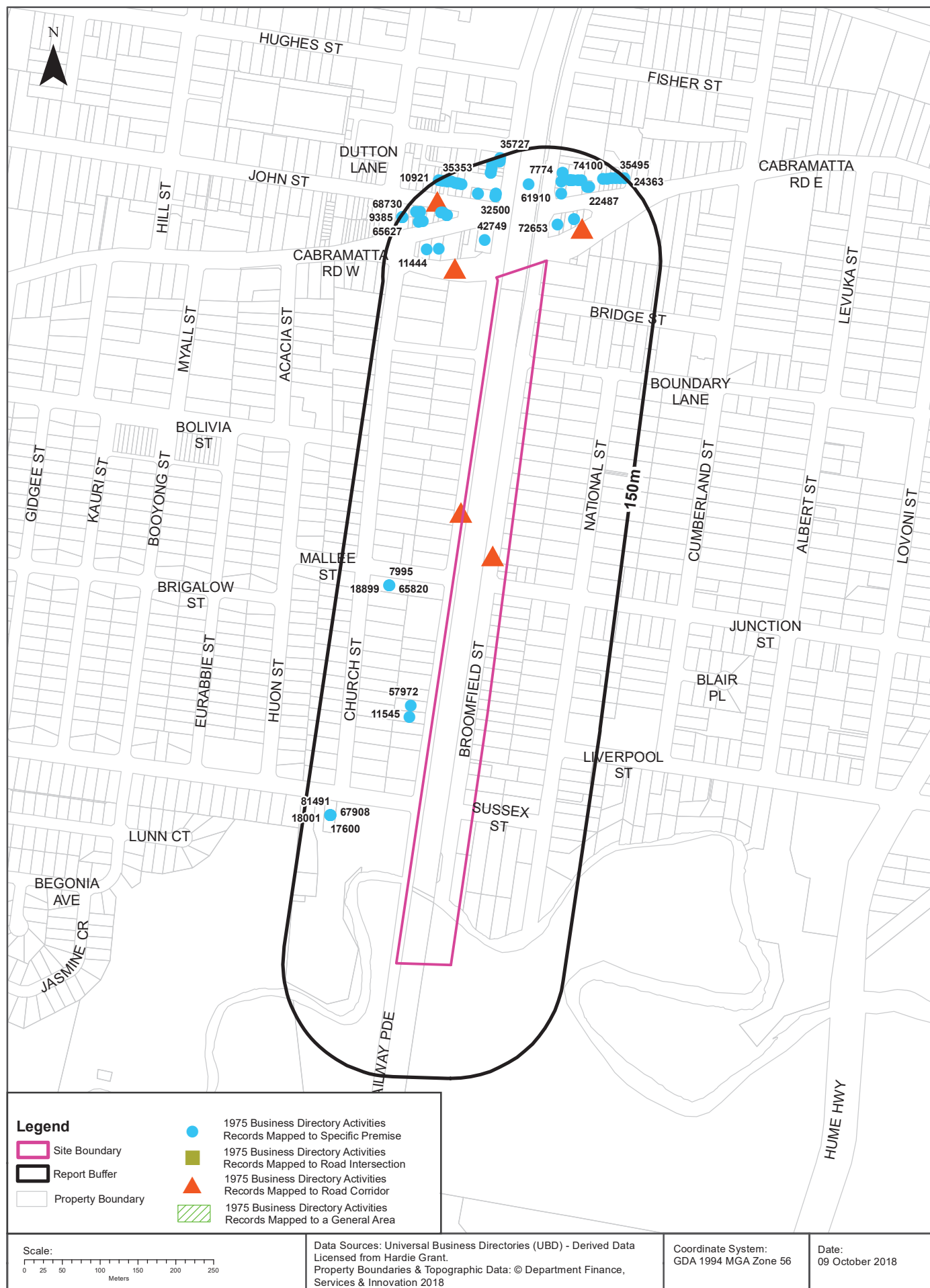
Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Amoco Service Station, Cabramatta Rd., Cabramatta.	49241	Road Match	0m
LIBRARIES-PUBLIC.	Cabramatta Public Library, Railway Pde., Cabramatta.	40204	Road Match	0m
BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Romeo For Juliets Hair, Railway Pde., Cabramatta.	5527	Road Match	0m
BUTCHERS-RETAIL.	Stamos Meats. Railway Pde., Cabramatta.	9926	Road Match	0m
BUTCHERS-RETAIL.	Station Butchery. The, 93 Broomfield St., Cabramatta.	9933	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Esso Servicenter, John St., Cabramatta.	49986	Road Match	100m
MOTOR STEERING SPECIALISTS.	Esso Servicenter, John St., Cabramatta.	53037	Road Match	100m
TYRE DEALERS, RETREADERS ' &/OR VULCANIZERS.	Esso Servicenter, John St., Cabramatta.	72912	Road Match	100m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
FOOTWEAR RETAILERS.	Hilray Shoes Pty. Ltd., John St., Cabramatta.	29366	Road Match	100m
DENTISTS.	Kazokas, G. E., John St., Cabramatta.	18203	Road Match	100m

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1975 Historical Business Directory Records

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)



Historical Business Directories

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

1975 Business Directory Records Premise or Road Intersection Matches

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

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
MOTOR ELECTRICIANS.	Forsyth, A., 249 Railway Pde., Cabramatta.	57972	Premise Match	31m	South West
BUTCHERS - WHOLESALE	Myers, C. Yagoona Boneless Meats, 250 Railway Pde., Cabramatta.	11545	Premise Match	31m	South West
REAL ESTATE AGENTS &/OR VALUERS.	Mann, R. & Co., 156 Cabramatta Rd., Cabramatta.	72653	Premise Match	50m	North
HOTELS-LICENCED	Cabramatta Hotel, 209 Railway Pde., Cabramatta.	42749	Premise Match	52m	North
BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Marjorie Dee Salon, 148 Cabramatta Rd. East, Cabramatta.	5645	Premise Match	66m	North
MIXED BUSINESSES.	Pauls Grocery & Milk Bar, 148 Cabramatta Rd. East., Cabramatta.	55438	Premise Match	66m	North
PALLET-MFRS. &/OR HIRERS.	Botany (Betta) Box Co., 42 Church St., Cabramatta	65820	Premise Match	83m	North West
BOX & CASE MFRS. &/OR MERCHANTS.	Botany Betta Box Co., 42 Church St., Cabramatta.	7995	Premise Match	83m	North West
COOPERS &/OR VAT MAKERS.	Hughes. A. E. Pty. Ltd., 42 Church St., Cabramatta.	18899	Premise Match	83m	North West
BUSINESS AGENTS &/OR BROKERS.	O'Toole, F. T , 190a Cabramatta Rd., Cabramatta	9853	Premise Match	85m	North
GROCERS-RETAIL	Cut Price Foodmarket, 151 Cabramatta Rd. East., Cabramatta.	39293	Premise Match	91m	North
BUTCHERS-RETAIL	Zukow, E., 196 Cabramatta Rd. West, Cabramatta.	11444	Premise Match	99m	North
FRUITERERS &/OR GREENGROCERS.	Exclusive Fruit Market, 207 Railway Pde., Cabramatta.	35188	Premise Match	102m	North
FISHMERCHANTS-RETAIL	Nicholas Fish Supply, 207A Railway Pde., Cabramatta.	32500	Premise Match	102m	North
MOTOR SERVICE STATIONS - PETROL, OIL	Railway Service Station, Railway Pde., Cabramatta.	61910	Premise Match	104m	North
CHEMISTS-PHARMACEUTICAL	Bookalils Pharmacy, 206 Railway Pde., Cabramatta.	15016	Premise Match	105m	North
HAIRDRESSERS-GENTS.	Edwards, N., 6 John St., Cabramatta.	40484	Premise Match	105m	North
FISHMERCHANTS-RETAIL	Cabramatta Fish Supply, 206 Railway Pde., Cabramatta.	32307	Premise Match	105m	North
ACCOUNTANTS & AUDITORS.	Kenez, I., 1/6 John St., Cabramatta.	367	Premise Match	105m	North
REAL ESTATE AGENTS &/OR VALUERS.	Michael's Real Estate, 6 John St., Cabramatta.	72692	Premise Match	105m	North
DELICATESSENS	Station Delicatessen, The, 92 Broomfield St., Cabramatta.	20524	Premise Match	106m	North
STOCK &/OR STATION AGENTS. .	Cabramatta Agencies, 155 Cabramatta Rd. Cabramatta.	81102	Premise Match	111m	North
AUCTIONEERS-REAL ESTATE	Cabramatta Agencies, 155 Cabramatta Rd., Cabramatta.	3454	Premise Match	111m	North
REAL ESTATE AGENTS &/OR VALUERS.	Cabramatta Agencies, 155 Cabramatta Rd., Cabramatta.	72090	Premise Match	111m	North
MIXED BUSINESSES.	Pekic, N. & M., 143 Cabramatta Rd. East., Cabramatta.	55445	Premise Match	111m	North
CAFES, TEA ROOMS &/OR COFFEE LOUNGES.	White Rose, 10 John St., Cabramatta.	12351	Premise Match	111m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
CHEMISTS-PHARMACEUTICAL	Theatre Pharmacy, 153 Cabramatta Rd. East., Cabramatta.	15983	Premise Match	112m	North
DRAPER-RETAIL	Davidovic, I., 141 Cabramatta Rd. East., Cabramatta.	22487	Premise Match	112m	North
DELICATESSENS	Erwins Delicatessen, 15 John St., Cabramatta.	20138	Premise Match	113m	North
MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Key, The ,11 John St.,Cabramatta.	53501	Premise Match	113m	North
DRESS SHOPS & ACCESSORIES.	Marina Frocks, 12 John St., V Cabramatta	23410	Premise Match	113m	North
DISCOUNT HOUSES	New Furniture (Discounts), 149 Cabramatta Rd., Cabramatta.	21957	Premise Match	114m	North
CLOTHING - PLASTIC MFRS. &/OR W/SALERS.	Driclad Pty. Ltd, 20 Sussex St, Cabramatta.	17600	Premise Match	115m	South West
CLOTHING-WATERPROOF MFRS.&/OR W/SALERS	Driclad Pty. Ltd, 20 Sussex St, Cabramatta.	18001	Premise Match	115m	South West
PLASTIC FABRICATORS &/OR VACUUM FORMERS.	Driclad Pty. Ltd, 20 Sussex St. Cabramatta.	67798	Premise Match	115m	South West
PLASTIC GOODS MFRS.	Driclad Pty. Ltd, 20 Sussex St. Cabramatta.	67908	Premise Match	115m	South West
CLOTHING - INDUSTRIAL & PROTECTIVE MFRS. &/OR W/SALERS.	Driclad Pty. Ltd., 20 Sussex St, Cabramatta.	17290	Premise Match	115m	South West
SWIMMING POOL CONSTRUCTION CONTRACTORS.	Driclad Pty. Ltd, 20 Sussex St, Cabramatta.	81491	Premise Match	115m	South West
SOLICITORS.	Gibbs, G. J. & Co. 147 Cabramatta Rd. Cast., Cabramatta.	78323	Premise Match	116m	North
BOOT &/OR SHOE REPAIRERS.	Monti, C., 88 Broomfield St., Cabramatta.	7774	Premise Match	118m	North
FOOTWEAR RETAILERS.	Monti. C., 88 Broomfield St., Cabramatta.	34081	Premise Match	118m	North
CYCLE DEALERS &/OR ACCESSORIES.	Baaley & Weston, 195 Cabramatta Rd., Cabramatta.	19663	Premise Match	122m	North
RESTAURANTS.	Bar., B., Q Restaurant, 197 Cabramatta Rd. West, Cabramatta.	73564	Premise Match	127m	North
RESTAURANTS.	Season Restaurant, 135 Cabramatta Rd. East., Cabramatta.	74100	Premise Match	131m	North
MIXED BUSINESSES	Young s Boundary Store. 25 St. Johns Rd., Cabramatta West.	55887	Premise Match	132m	North
DRESS SHOPS & ACCESSORIES.	Benson. J., 20 John St., Cabramatta.	22983	Premise Match	133m	North
DENTISTS.	Fung, J. Y., 25 John St., Cabramatta.	20945	Premise Match	134m	North
BUTCHERS-RETAIL	Gambrills D. 201 Railway Pde., Cabramatta.	10396	Premise Match	134m	North
DENTISTS.	Morphett, J. A., 25 John St., Cabramatta.	21229	Premise Match	134m	North
NEWSAGENTS-GENERAL	Cabramatta Newsagency, 201A Railway Pde.; Cabramatta	63437	Premise Match	134m	North
BUTCHERS-RETAIL	Baypla (C'matta) Pty. Ltd., 133 Cabramatta Rd. East., Cabramatta.	10037	Premise Match	135m	North
CHEMISTS-PHARMACEUTICAL	Dash & Gardiner, 2 7 John St., Cabramatta.	15174	Premise Match	137m	North
SOLICITORS.	Coop, W. H., 22 John St., Cabramatta.	78204	Premise Match	137m	North
FISHMERCHANTS-RETAIL	Arney's Fish & Chips, 131 Cabramatta Rd. East., Cabramatta.	32269	Premise Match	138m	North
NEWSAGENTS-GENERAL	Cabramatta Newsagency. 200 Railway Pde., Cabramatta.	63438	Premise Match	139m	North
MERCERS-MENS &/OR BOYS OUTFITTERS.	Ingalli's, 29 John St., Cabramatta. '	52193	Premise Match	140m	North
CHEMISTS-PHARMACEUTICAL	Ronald's Pharmacy. 129 Cabramatta Rd. East., Cabramatta.	15848	Premise Match	142m	North
HAIRDRESSERS-GENTS.	Kulic, B., 33 John St., Cabramatta,	40656	Premise Match	143m	North
DELICATESSENS.	Cabramatta Delicatessen, 199 Railway Pde., Cabramatta.	19979	Premise Match	143m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
DRY CLEANERS, PRESSERS&/OR DYERS.	Stardust Dry Cleaners, 197 Railway Pde., Cabramatta	24362	Premise Match	144m	North
BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Cabramatta Beauty Salon, 197 Railway Pde., Cabramatta.	5028	Premise Match	144m	North
FRUITERERS &/OR GREENGROCERS.	Hill, R., 35 John St., Cabramatta.	35353	Premise Match	146m	North
FRUITERERS &/OR GREENGROCERS.	Maceri, J., 127 Cabramatta Rd. East., Cabramatta.	35495	Premise Match	146m	North
PAINT VARNISH OILS &/OR COLOUR MERCHANTS.	Taylor J. M., D. M. Pty. Ltd., 28 John St., Cabramatta.	65627	Premise Match	148m	North
HARDWARE DEALERS &/OR IRONMONGERS.	Taylor, J. M., D. M. Pty. Ltd., 28 John St., Cabramatta	41363	Premise Match	148m	North
BUILDERS SUPPLIERS.	Taylor, J. M., D. M. Pty. Ltd., 28 John St., Cabramatta.	9385	Premise Match	148m	North
PLUMBERS SUPPLIES.	Taylor, J. M., D. M. Pty. Ltd., 28 John St., Cabramatta.	68730	Premise Match	148m	North
DRY CLEANERS, PRESSERS&/OR DYERS.	Stardust Dry Cleaners, 125 Cabramatta Rd. East., Cabramalls	24363	Premise Match	149m	North
BUTCHERS-RETAIL	O'Sullivan's Cabramatta Butchery, 37 John St., Cabramatta	10921	Premise Match	149m	North
FRUITERERS &/OR GREENGROCERS.	Railway Fruit Shop, 195 Railway Pde., Cabramatta.	35727	Premise Match	149m	North

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1975 Business Directory Records Road or Area Matches

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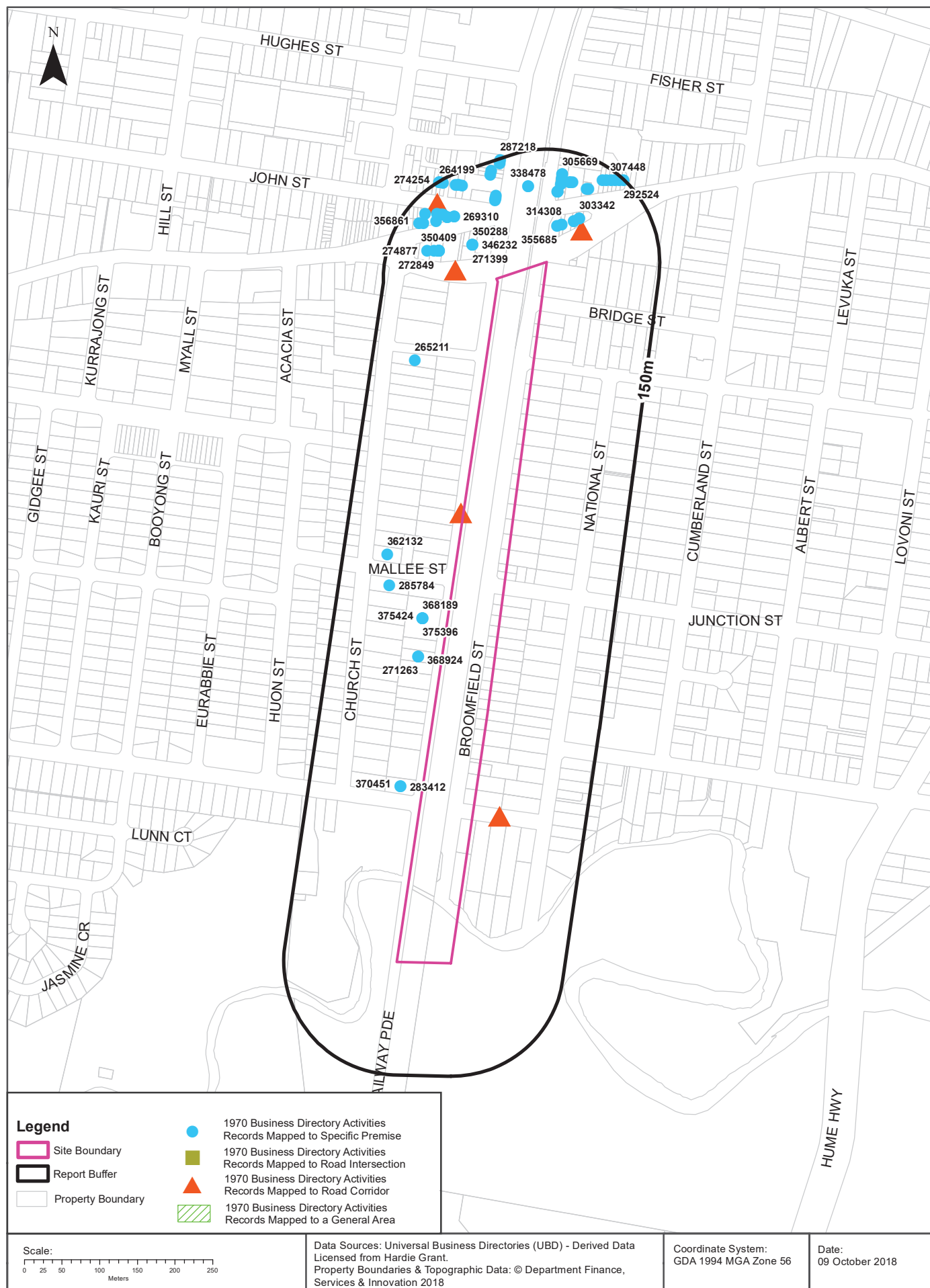
Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
LIBRARIES-PUBLIC.	Cabramatta Public Library, Railway Pde., Cabramatta.	47459	Road Match	0m
PLUMBERS, GASFITTERS &/OR DRAINLAYERS.	Cranney. E. C., 35 Broomfield St., Cabramatta.	68404	Road Match	0m
MEDICAL PRACTITIONERS.	Dobell-Brown, D. L., Cabramatta Rd. East., Cabramatta.	50139	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS.	Esso Servicenter Cabramatta Rd., Cabramatta Heights.	58821	Road Match	0m
MOTOR STEERING SPECIALISTS.	Esso Servicenter Cabramatta Rd., Cabramatta Heights.	62566	Road Match	0m
TYRE DEALERS, RETREADERS &/OR VULCANIZERS,	Esso Servicenter, Cabramatta Rd., Cabramatta Heights.	85553	Road Match	0m
HAIRDRESSERS-GENTS.	Mens Hairdresser, 821 Broomfield St., Cabramatta.	40722	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS.	Amoco Service Station, Cabramatta Rd., Cabramatta.	58333	Road Match	13m
FISHMERCHANTS-RETAIL	Cabramatta Fish Shop, 1460 Cabramatta Rd., Cabramatta.	32306	Road Match	13m
BUTCHERS-RETAIL	Harry's Butchery, 388 Cabramatta Rd., Cabramatta West.	10520	Road Match	13m
MOTOR SERVICE STATIONS - PETROL, OIL	Total Service Station, Cabramatta Rd., Cabramatta.	61996	Road Match	13m
ELECTRICAL SUPPLIES &/OR APPLIANCES-RETAIL	Anderson, 17 John St., Cabramatta.	26207	Road Match	58m
GROCERS-RETAIL	G O S. Grocery Discount Store, 9 John St., Cabramatta	39439	Road Match	58m
JEWELLERS &/OR WATCHMAKERS-RETAIL	Gibson's Gift Store, 7 John St., Cabramatta.	45924	Road Match	58m
MOTOR GARAGES &/OR ENGINEERS.	Country Service Station, John St., Cabramatta.	58715	Road Match	100m
MOTOR GARAGES &/OR ENGINEERS.	Golden Fleece Service Station. John St., Cabramatta.	58947	Road Match	100m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
CAKE SHOPS &/OR PASTRYCOOKS.	Williams Cakes, 74 John St., Cabramatta.	12849	Road Match	100m

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1970 Historical Business Directory Records

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)



Historical Business Directories

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

1970 Business Directory Records Premise or Road Intersection Matches

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

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
CLOTHING MFRS. &/OR W'SALERS-PLASTIC (C464)	Driclad Pty. Ltd., 254 Railway Pde., Cabramatta	283412	Premise Match	29m	South West
TOY MANUFACTURERS (T545)	Driclad Pty. Ltd., 254 Railway Pde., Cabramatta	370451	Premise Match	29m	South West
TIMBER MERCHANTS (T385)	Cabramatta Timber & Builders Supplies Pty. Ltd., 241-245 Railway Pde., Cabramatta	368924	Premise Match	32m	South West
BUILDERS' SUPPLIERS (B814)	Cabramatta Timber & Builders Supplies Pty. Ltd., 241-245 Railway Pde., Cabramatta	271263	Premise Match	32m	South West
TEXTILE MANUFACTURERS (T255)	Cabramatta Weaving Mills Pty. Ltd., 240 Railway Pde., Cabramatta	368189	Premise Match	33m	West
WOOLLEN/WORSTED MFRS. (W520)	Cabramatta Weaving Mills Pty. Ltd., 240 Railway Pde., Cabramatta	375396	Premise Match	33m	West
WEAVERS (W125)	Cabramatta Weaving Mills Pty. Ltd., 240 Railway Pde., Cabramatta	373357	Premise Match	33m	West
WOOLLEN/WORSTED PIECEGOODS-WHOLESALE (W525)	Cabramatta Weaving Mills Pty. Ltd., 240 Railway Pde., Cabramatta	375424	Premise Match	33m	West
REAL ESTATE AGENTS/VALUERS(R205)	Mann,R. & Co., 156 Cabramatta Rd.CABRAMATTA	355685	Premise Match	50m	North
HAIRDRESSERS (GENT.'S) (H070)	Petrino,F., 154 Cabramatta Rd. East,Cabramatta	314308	Premise Match	54m	North
PAINT,VARNISH,OILS/COLOUR MERCHANTS (P074)	Henderson,H. & Sons Pty. Ltd.,170 Cabramatta Rd.,Cabramatta	346232	Premise Match	55m	North
BUILDERS' SUPPLIERS (B814)	Henderson, H & Sons Pty. Ltd., 170 Cabramatta Rd.,Cabramatta	271399	Premise Match	55m	North
PLUMBERS' SUPPLIES (P612)	Henderson,H. & Sons Pty. Ltd., 170 Cabramatta Rd., Cabramatta	350288	Premise Match	55m	North
FRUITERERS/GREENGROCERS (F640)	John's Fruit Shop, 148 Cabramatta Rd.East, Cabramatta	307301	Premise Match	66m	North
MIXED BUSINESSES (M408)	Pauls Grocery & Milk Bar, 148-152 Cabramatta Rd. East, Cabramatta	333562	Premise Match	66m	North
DRY CLEANERS,PRESSERS/DYERS (D710)	Nu-Valet Dry Cleaners, 146 Cabramatta Rd., Cabramatta	292432	Premise Match	72m	North
FISH MERCHANTS-RETAIL (F245)	Cabramatta Fish Shop, 146b Cabramatta Rd., Cabramatta	303342	Premise Match	72m	North
COOPERS & VAT MAKERS (C650)	Hughes, AEpty. Ltd., 42 Church St., Cabramatta	285784	Premise Match	83m	North West
JOINERY MANUFACTURERS (J240)	Ball & Sons, 190 Cabramatta Rd., Cabramatta	321740	Premise Match	85m	North
FURNITURE-KITCHEN UNITS & CABINETS-MANUFACTURERS&/OR WHOLESALE (F745)	Ball & Sons, 190 Cabramatta Rd., Cabramatta	309633	Premise Match	85m	North
FURNITURE-HOUSEHOLD-RETAILERS RETAILERS (F740)	Ball & Sons, 190 Cabramatta Rd, Cabramatta	309364	Premise Match	85m	North
PLUMBERS,GASFITTERS/DRAIN LAYERS(P608)	Ball A., 190 Cabramatta Rd.CABRAMATTA	350409	Premise Match	85m	North
STOCK/STATION AGENTS (S754)	Bonnyrigg Real Estate Agents, 190a Cabramatta Rd., Cabramatta	366014	Premise Match	85m	North
REAL ESTATE AGENTS/VALUERS(R205)	O'Toole,F.T., 190a Cabramatta Rd.CABRAMATTA	355818	Premise Match	85m	North
STOCK/STATION AGENTS (S754)	O'Toole,F.T., 190a Cabramatta Rd., Cabramatta	366095	Premise Match	85m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
BUSINESS AGENTS &/OR BROKERS(B852)	O'Toole, FT., 192 Cabramatta Rd., Cabramatta	272849	Premise Match	91m	North
SOFT DRINK & CORDIAL MFRS/SUPPLIES (S404)	Hughes. A. E. Pty. Ltd., 40 Church St., Cabramatta	362132	Premise Match	92m	North West
BATTERY DISTRIBUTORS (B190)	Cabramatta Auto Electrical Service, 12 Church St., Cabramatta	265211	Premise Match	94m	North
DENTISTS (D140)	Benetatos,S., 94a Broomfield Ave., Cabramatta	288371	Premise Match	95m	North
BUTCHERS-RETAIL (B860)	Station Butchery (The), 94 Broomfield St., Cabramatta	274599	Premise Match	95m	North
MEDICAL PRACTITIONERS (M216)	Staden,J., 94a Broomfield St., Cabramatta	328300	Premise Match	95m	North
BUTCHERS-RETAIL (B860)	Zukow, E., 196 Cabramatta Rd., West Cabramatta	274877	Premise Match	99m	North
CHEMISTS-PHARMACEUTICAL (C286)	Bookallil's (Watts) Corner Pharmacy, 208 Railway Pde.,Cabramatta	280098	Premise Match	100m	North
BOOT & SHOE REPAIRERS (B580)	Wright Shoe Store (The), 2 John St., Cabramatta	269310	Premise Match	100m	North
FOOTWEAR RETAILERS (F495)	Wright Shoe Store (The), 2 John St., Cabramatta	305794	Premise Match	100m	North
HOTELS-LICENSED (H690)	Cabramatta Hotel,Civ. 207 Railway Pde. & John St., Cabramatta	317133	Premise Match	102m	North
FRUITERERS/GREENGROCERS (F640)	Exclusive Fruit Market, 207 Railway Pde., Cabramatta	307014	Premise Match	102m	North
MOTOR GARAGES & ENGINEERS(M6S6)	Railway Service Station,Railway Pde.CABRAMATTA	338478	Premise Match	104m	North
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Railway Service Station,Railway Pde.CABRAMATTA	341415	Premise Match	104m	North
HAIRDRESSERS (GENT.'S) (H070)	Edwards,Norm., 6-8 John St., Cabramatta	313857	Premise Match	105m	North
FISH MERCHANTS-RETAIL (F245)	Cabramatta Fish Supply, 206 Railway Pde., Cabramatta	303343	Premise Match	105m	North
TAILORS-LADIES'/GENT'S (T015)	Continental Tailor (The), 6-8 John St, Cabramatta	366658	Premise Match	105m	North
DELICATESSENS (D080)	Station Delicatessen (The), 92 Broomfield St., Cabramatta	287983	Premise Match	106m	North
HANDBAG/GLOVE SPECIALISTS (H160)	Wheatley's, 189-191 Cabramatta Rd. West, Cabramatta	314821	Premise Match	111m	North
STOCK/STATION AGENTS (S754)	Cabramatta Agencies, 155 Cabramatta Rd., Cabramatta	366021	Premise Match	111m	North
AUCTIONEERS-REAL ESTATE (A625)	Cabramatta Agencies, 155 Cabramatta Rd., Cabramatta	263743	Premise Match	111m	North
MIXED BUSINESSES (M408)	Pekic,N. & M., 143 Cabramatta Rd., Cabramatta	333576	Premise Match	111m	North
CAFES, COFFEE LOUNGES, Etc. (C030)	White Rose, 10 John St., Cabramatta	276213	Premise Match	111m	North
CHEMISTS-PHARMACEUTICAL (C286)	Theatre Pharmacy, 153 Cabramatta Rd., Cabramatta	281217	Premise Match	112m	North
STOCK/STATION AGENTS (S754)	Carlo-Wilson, 90 Broomfield St., Cabramatta	366023	Premise Match	112m	North
DRAPERS-RETAIL (D540)	Davidovic,I., 141 Cabramatta Rd.East,Cabramatta	290336	Premise Match	112m	North
CAKE SHOPS & PASTRYCOOKS (C045)	Kookery Nook, 90 Broomfield Ave., Cabramatta	276640	Premise Match	112m	North
DRESS SHOPS (D595)	Marina Frocks, 12 John St., Cabramatta	291518	Premise Match	113m	North
DRESS SHOPS (D595)	Benson, Julie, 14 John St., Cabramatta	291066	Premise Match	117m	North
BOOT & SHOE REPAIRERS (B580)	Monti, Chas., 88 Broomfield Ave, Cabramatta	269052	Premise Match	118m	North
FOOTWEAR RETAILERS (F495)	Monti,Chas., 88 Broomfield Ave., Cabramatta	305669	Premise Match	118m	North
CYCLE DEALERS & ACCESSORIES(C798)	Bagley & Weston, 195 Cabramatta Rd., Cabramatta	286765	Premise Match	122m	North
RESTAURANTS (R320)	Bar-B-Q Restaurant, 197 Cabramatta Rd., Cabramatta	356861	Premise Match	127m	North
OPTOMETRISTS-REGISTERED (O 280)	Russell,G. B., 18 John St., Cabramatta	345429	Premise Match	128m	North
RESTAURANTS (R320)	Season Restaurant, 135 Cabramatta Rd. East, Cabramatta	357244	Premise Match	131m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
DANCING TEACHERS & STUDIOS (D070)	Labbozzetta,F., 23 John St., Cabramatta	286980	Premise Match	132m	North
BUTCHERS-RETAIL (B860)	Gambrill, D., 201 Railway Pde., Cabramatta	273639	Premise Match	134m	North
DENTISTS (D140)	Morphett,J.A., 25 John St., Cabramatta	288862	Premise Match	134m	North
REAL ESTATE AGENTS/VALUERS(R205)	Property Transfer Pty. Ltd., 25 John St. CABRAMATTA	355895	Premise Match	134m	North
BUTCHERS-RETAIL (B860)	Baypla (C'matta) Pty. Ltd., 133 Cabramatta RdEast,Cabramatta	273176	Premise Match	135m	North
CHEMISTS-PHARMACEUTICAL (C286)	Donohue, D F., 27 John St., Cabramatta	280297	Premise Match	137m	North
FISH MERCHANTS-RETAIL (F245)	Aroney's Fish & Chips, 131 Cabramatta Rd.East, Cabrmmta.	303293	Premise Match	138m	North
NEWSAGENTS (N100)	Cabramatta Newsagency, 200 Railway Pde., Cabramatta	343411	Premise Match	139m	North
CHEMISTS-PHARMACEUTICAL (C286)	Ronald's Pharmacy, 129 Cabramatta Rd East, Cabramatta	281066	Premise Match	142m	North
FRUITERERS/GREENGROCERS (F640)	Vartul-Orfino Railway Fruit, 197 Railway Pde., Cabramatta	308117	Premise Match	144m	North
FRUITERERS/GREENGROCERS (F640)	Hill,R., 35 John St., Cabramatta	307240	Premise Match	146m	North
FRUITERERS/GREENGROCERS (F640)	Maceri,J., 127 Cabramatta Rd.East,Cabramatta	307448	Premise Match	146m	North
DRY CLEANERS,PRESSERS/DYERS (D710)	Stardust Dry Cleaners, 125 Cabramatta Rd.East, Cabramatta	292524	Premise Match	149m	North
BUTCHERS-RETAIL (B860)	O'Sullivan's Cabramatta Butchery, 37 John St., Cabramatta	274254	Premise Match	149m	North
DELICATESSENS (D080)	Cabramatta Delicatessen, 195 Railway Pde., Cabramatta	287218	Premise Match	149m	North
BABY & CHILDREN'S WEAR-RETAIL(B005)	Marie (The), Baby Wear., 37 John St., Cabramatta	264199	Premise Match	149m	North

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

1970 Business Directory Records Road or Area Matches

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

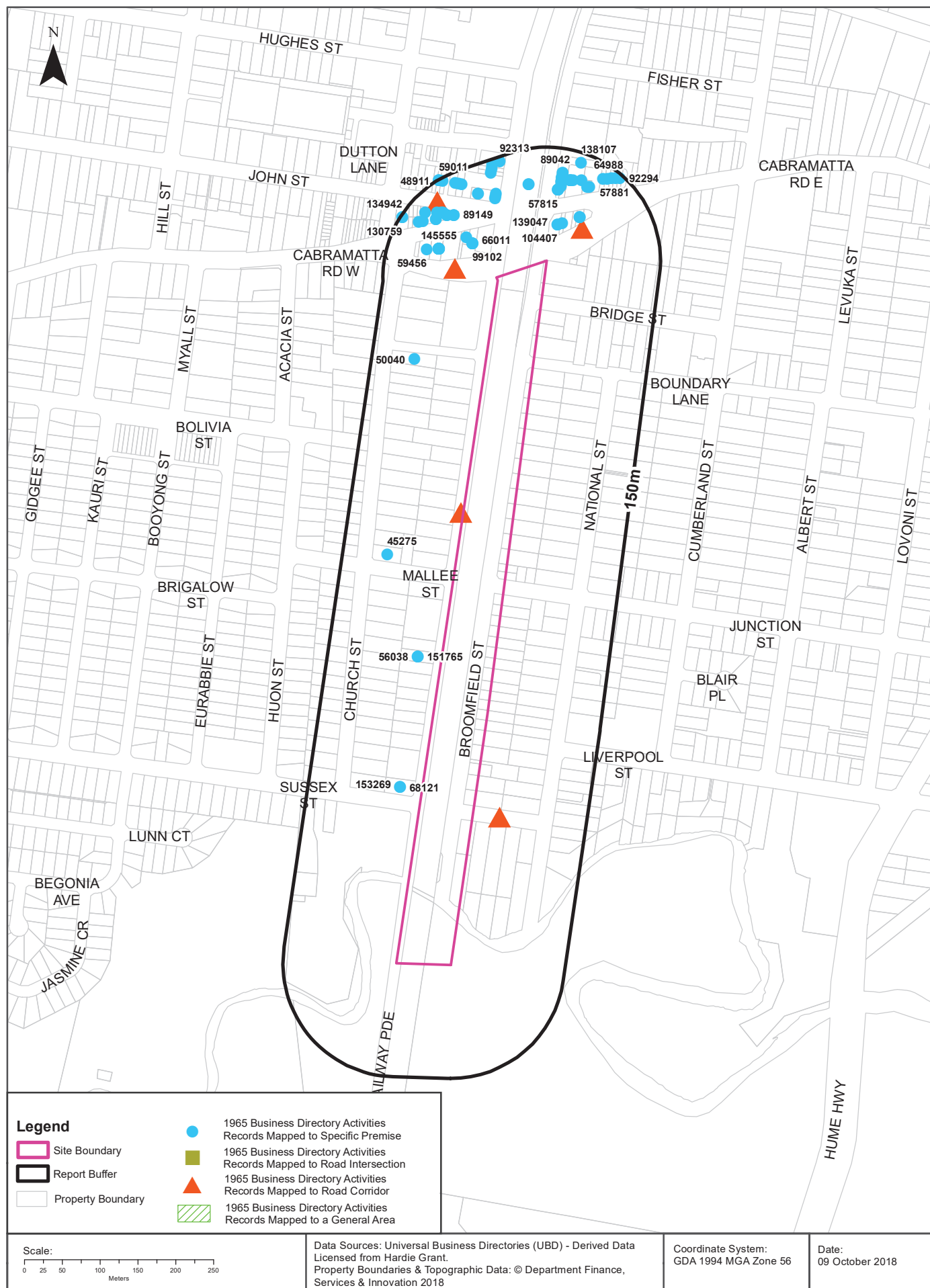
Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
BUILDERS' HARDWARE-MFRS.&OR DISTRIBUTORS (B804)	Buckley, DM Pty. Ltd., Cabramatta Rd., Cabramatta	271030	Road Match	0m
PAINT,VARNISH,OILS/COLOUR MERCHANTS (P074)	Buckley,D. M. Pty. Ltd.,Cabramatta Rd.,Cabramatta	346118	Road Match	0m
PLUMBERS' SUPPLIES (P612)	Buckley,D. M. Pty. Ltd.,Cabramatta Rd.,Cabramatta	350227	Road Match	0m
TIMBER MERCHANTS (T385)	Buckley,D.M.Pty. Ltd.,Cabramatta Rd.,Cabramatta	368917	Road Match	0m
WALLBOARD MERCHANTS (W025)	Buckley,D.M.Pty. Ltd.,Cabramatta Rd.,Cabramatta	372833	Road Match	0m
LOCAL BODIES (L630)	Cabramatta & Canley Vale Municipality,Railway Pdf-Cabramatta	323750	Road Match	0m
CLUBS & SPORTING BODIES (C487)	Cabramatta Golf Club Ltd., Cabramatta Rd., Cabramatta	284070	Road Match	0m
MEDICAL PRACTITIONERS (M216)	Dobell-Brown,David L., 128 Cabramatta Rd., Cabramatta	326671	Road Match	0m
BOOT & SHOE REPAIRERS (B580)	Gillard, WE., Lot 7 Cabramatta Rd., Cabramatta	268866	Road Match	0m
AUCTIONEERS-REAL ESTATE (A625)	Hibble, E H., Cabramatta Rd., Cabramatta	263784	Road Match	0m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
BUSINESS AGENTS &/OR BROKERS(B852)	Hibble, E H., Cabramatta Rd., Cabramatta	272759	Road Match	0m
STOCK/STATION AGENTS (S754)	Hibble,E.H.,Cabramatta Rd.,Cabramatta	366067	Road Match	0m
CARRIERS & CARTAGE CONTRACTORS (C150)	Liebrand, GF., Cabramatta Rd., Cabramatta	278188	Road Match	0m
PLASTIC CONVERTERS (P550)	Marine Plastic Co. Pty. Ltd.,Sussex St., Cabramatta	349400	Road Match	0m
PLASTIC FABRICATORS Cr VACUUM FORMERS (P556)	Marine Plastic Co. Pty. Ltd.,Sussex St., Cabramatta	349546	Road Match	0m
PLASTIC GOODS MFRS. (P564)	Marine Plastic Co. Pty. Ltd.,Sussex St., Cabramatta	349702	Road Match	0m
TOY MANUFACTURERS (T545)	Marine Plastic Co. Pty. Ltd.,Sussex St., Cabramatta	370445	Road Match	0m
MOTOR GARAGES & ENGINEERS(M6S6)	Amoco Service Station,Cabramatta Rd.CABRAMATTA	337192	Road Match	13m
MOTOR GARAGES & ENGINEERS(M6S6)	Bob's Auto Centre,Cabramatta Rd.CABRAMATTA	337328	Road Match	13m
REAL ESTATE AGENTS/VALUERS(R205)	Cabramatta Agencies, 155 Cabramatta Rd.CABRAMATTA	355068	Road Match	13m
MOTOR GARAGES & ENGINEERS(M6S6)	Cabramatta Motorways,Cabramatta Rd. West CABRAMATTA	337484	Road Match	13m
MOTOR GARAGES & ENGINEERS(M6S6)	Esso Servicenter,Cabramatta Rd.,Cabramatta Heights	337767	Road Match	13m
MOTOR STEERING SPECIALISTS (M736)	Esso Servicentre,Cabramatta Rd.,Cabramatta Heights	342293	Road Match	13m
TYRE/TUBE DEALERS (T760)	Esso Servicentre,Cabramatta Rd.,Cabramatta Heights	371859	Road Match	13m
BOOT & SHOE REPAIRERS (B580)	Forsberg, A., 235 Cabramatta RdWest, Cabramatta	268848	Road Match	13m
REAL ESTATE AGENTS/VALUERS(R205)	Hibble,E. H.,Cabramatta Rd.CABRAMATTA	355475	Road Match	13m
MOTOR SERVICE STATIONS- PETROL,OIL,Etc. (M716)	Mt. Pritchard Service Station,Cabramatta Rd.CABRAMATTA	341355	Road Match	13m
MOTOR SERVICE STATIONS- PETROL,OIL,Etc. (M716)	Total Service Station,Cabramatta Rd.CABRAMATTA	341567	Road Match	13m
MOTOR GARAGES & ENGINEERS(M6S6)	Coventry Service Station,Johns St. CABRAMATTA	337629	Road Match	100m
MOTOR GARAGES & ENGINEERS(M6S6)	Golden Fleece Service Station,John St. CABRAMATTA	337908	Road Match	100m
DENTISTS (D140)	Kazokas,G.E.,John St., Cabramatta	288726	Road Match	100m
CAKE SHOPS & PASTRYCOOKS (C045)	Pat-A-Cakes, Todd's, 74 John St., Cabramatta	276787	Road Match	100m
FISH MERCHANTS-RETAIL (F245)	Verrell,W.H., 60 Johns St., Cabramatta	303820	Road Match	100m

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

1965 Historical Business Directory Records

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)



Historical Business Directories

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

1965 Business Directory Records Premise or Road Intersection Matches

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

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
Clothing Mfrs. &/or W'salers - Plastics	Driclad Pty. Ltd., 254 Railway Pde., Cabramatta	68121	Premise Match	29m	South West
Toy Mfrs.	Driclad Pty. Ltd. , 254 Railway Pde., Cabramatta	153269	Premise Match	29m	South West
TIMBER MERCHANTS	Cabramatta Timber & Builders Supplies Pty. Ltd. , 241-245 Railway Pde., Cabramatta	151765	Premise Match	32m	South West
Builders' Suppliers	Cabramatta Timber & Builders Supplies Pty. Ltd. , 241-249 Railway Pde., Cabramatta	56038	Premise Match	32m	South West
Real Estate Agents/Valuers	Mann, R. & Co. , 156 Cabramatta Rd. Cabramatta	139047	Premise Match	50m	North
Insurance Agents	Mann, R. & Co., 156 Cabramatta Rd, Cabramatta	104407	Premise Match	50m	North
Hairdressers (Gent.'s)/Tobacconists	Calandra, A. , 154 Cabramatta Rd. East, Cabramatta	97833	Premise Match	54m	North
Paint, Varnish, Oils/Colour Merchants	Henderson, H. & Sons Pty. Ltd., 170 Cabramatta Rd., Cabramatta	130887	Premise Match	55m	North
Hardware Dealers &/or Ironmongers	Henderson, H. & Sons Pty. Ltd., 170 Cabramatta Rd. Cabramatta	99102	Premise Match	55m	North
China, Crockery, Crystal, Cutlery, Earthenware, Glassware & Silverware Dealers	Henderson, H. & Son Pty. Ltd., 170-176 Cabramatta Rd. West, Cabramatta	66011	Premise Match	55m	North
Plumbers' Supplies	Henderson, H. & Sons Pty. Ltd. , 170 Cabramatta Rd., Cabramatta	135003	Premise Match	55m	North
Billiards Saloons	Cabramatta B.C.U., 178 Cabramatta Rd. West, Cabramatta	51516	Premise Match	66m	North
Dry Cleaners, Pressers/Dyers	Cabramatta Dry Cleaners, 146 Cabramatta Rd., Cabramatta	76108	Premise Match	72m	North
Fruiterers & Greengrocers	Cabramatta Fruit, 146 Cabramatta Rd., East, Cabramatta	90952	Premise Match	72m	North
Mixed Businesses	Pauls Grocery & Milk Bar, 146-152 Cabramatta Rd., East, Cabramatta	118319	Premise Match	72m	North
Furniture - Kitchen Units & Cabinets - Mfrs. &/or Wholesalers	Ball & Sons , 190 Cabramatta Rd., Cabramatta	93687	Premise Match	85m	North
Joinery Manufacturers	Ball & Sons, 190 Cabramatta Rd., Cabramatta	106375	Premise Match	85m	North
Furniture - Household - Retailers	Ball & Sons , 190 Cabramatta Rd., Cabramatta	93423	Premise Match	85m	North
Plumbers, Gasfitters/Drainlayers	Ball, A., 190 Cabramatta Rd., Cabramatta	134460	Premise Match	85m	North
STOCK/STATION AGENTS	Bonnyrigg Real Estate Agents , 190a Cabramatta Rd., Cabramatta	148783	Premise Match	85m	North
SOLICITORS	Christie, Alison , 190 Cabramatta Rd., Cabramatta	145555	Premise Match	85m	North
Fruiterers & Greengrocers	Fante & Fimano., 190a Cabramatta Rd., Cabramatta	91218	Premise Match	85m	North
Real Estate Agents/Valuers	O'Toole, F. T. , 190a Cabramatta Rd. Cabramatta	139048	Premise Match	85m	North
STOCK/STATION AGENTS	O'Toole, F. T. , 190a Cabramatta Rd., Cabramatta	148891	Premise Match	85m	North
Business Agents &/or Brokers	O'Toole, F. T. , 190a Cabramatta Rd., Cabramatta	57633	Premise Match	85m	North
Aerated Water & Cordial Mfrs.' Supplies	Hughes, A. E. Pty. Ltd. , 40 Church St., Cabramatta	45275	Premise Match	92m	North West
Battery Distributors	Cabramatta Auto Electrical Service., 12 Church St., Cabramatta	50040	Premise Match	94m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
Butchers - Retail	Australian & Continental Butchery , 94 Broomfield Ave., Cabramatta	57815	Premise Match	95m	North
DENTISTS	Benetatos, S., 94a Broomfield Ave., Cabramatta	73137	Premise Match	95m	North
Beauty Salons &/or Ladies Hairdressers	Helenas Beauty Salon., 94a Broomfield Ave., Cabramatta	50712	Premise Match	95m	North
Insurance Agents	Canceri, C., 94a Broomfield Ave., Cabramatta	104143	Premise Match	95m	North
Butchers - Retail	Versace, R. & Y. , 196 Cabramatta Rd., West Cabramatta	59456	Premise Match	99m	North
Chemists - Pharmaceutical	Bookalil's (Watts) Corner Pharmacy, 208 Railway Pde., Cabramatta	64755	Premise Match	100m	North
BOOT & SHOE REPAIRERS	Wheatley, C. , 2 John St., Cabramatta	53789	Premise Match	100m	North
Parcel Delivery Specialists	Ruta Gift Parcels Service (Overseas), 94a Broomfield Ave., Cabramatta	131777	Premise Match	100m	North
Footwear Retailers	Wheatley, C., 2 John St., Cabramatta	89149	Premise Match	100m	North
Cake Shops & Pastrycooks	Continental Cakes., 207 Railway Pde., Cabramatta	61146	Premise Match	102m	North
Motor Garages & Engineers	Railway Service Station, Railway Pde. Cabramatta	122336	Premise Match	104m	North
Motor Service Stations - Petrol, Oil, Etc.	Railway Service Station, Railway Pde. Cabramatta	125534	Premise Match	104m	North
Hairdressers (Gent.'s)/Tobacconists	Edwards, Norm., 6-8 John St., Cabramatta	97982	Premise Match	105m	North
Fish Merchants - Retail	Cabramatta Fish Supply, 206 Railway Pde., Cabramatta	86715	Premise Match	105m	North
TAILORS-LADIES'/GENT.'S	Continental Tailor (The) , 6-8 John St., Cabramatta	149513	Premise Match	105m	North
DELICATESSENS	Guild's Station Delicatessen, 92 Broomfield Ave., Cabramatta	72240	Premise Match	106m	North
ACCOUNTANTS & AUDITORS	Rankin, P G. & Co. , 92 Bromfield St., Cabramatta	44095	Premise Match	106m	North
Handbag/Glove Specialists	Wheatley's., 189-191 Cabramatta Rd. West, Cabramatta	98858	Premise Match	111m	North
Jewellers/Watchmakers - Retail	Anton, S., 189-193 Cabramatta Rd., Cabramatta	105847	Premise Match	111m	North
STOCK/STATION AGENTS	Cabramatta Agencies , 155 Cabramatta Rd., Cabramatta	148794	Premise Match	111m	North
Insurance Agents	Cabramatta Agencies, 155 Cabramatta Rd., Cabramatta	104134	Premise Match	111m	North
Real Estate Agents/Valuers	Cabramatta Agencies., 155 Cabramatta Rd. Cabramatta	139043	Premise Match	111m	North
Mixed Businesses	Pekic, N., 143 Cabramatta Rd. East, Cabramatta	118330	Premise Match	111m	North
Cafes, Tea Rooms, Coffee Lounges, Etc.	White Rose La Monaco., 10 John St., Cabramatta	60927	Premise Match	111m	North
Chemists - Pharmaceutical	Theatre Pharmacy, 153 Cabramatta Rd., Cabramatta	65685	Premise Match	112m	North
Real Estate Agents/Valuers	Canceri-Wilson., 90a Broomfield Ave. Cabramatta	139044	Premise Match	112m	North
Cake Shops & Pastrycooks	Kookery Nook., 90 Broomfield Ave., Cabramatta	61345	Premise Match	112m	North
Sandwich & Luncheon Shops	Milano Hamburger Si Sandwiches., 141 Cabramatta Rd. East Cabramatta	142047	Premise Match	112m	North
Frock & Coat Salons	Marina Frocks, 12 John St., Cabramatta	90113	Premise Match	113m	North
Milk, Fruit Juice Bars/Confectioners	Sotiros, James, 11 John St., Cabramatta	115612	Premise Match	113m	North
DELICATESSENS	Sotiros, James, 13-15 John St., Cabramatta	72742	Premise Match	113m	North
SOLICITORS	Messner, A. D. , 147 Cabramatta Rd., Cabramatta	145924	Premise Match	116m	North
Frock & Coat Salons	Benson, Julie, 14 John St., Cabramatta	89739	Premise Match	117m	North
BOOT & SHOE REPAIRERS	Monti, Chas., 88 Broomfield Ave., Cabramatta	53523	Premise Match	118m	North
Footwear Retailers	Monti, Chas., 88 Broomfield Ave., Cabramatta	89042	Premise Match	118m	North
Cycle Dealers & Accessories	Bagley & Weston, 195 Cabramatta Rd., Cabramatta	71486	Premise Match	122m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
Fish Merchants - Retail	Pacific Fish Supply, 197 Cabramatta Rd. W., Cabramatta	86983	Premise Match	127m	North
Fruiterers & Greengrocers	Vitagliano, 18 John St., Cabramatta	92337	Premise Match	128m	North
Restaurants	Cabramatta Chinese Restaurant., 135 Cabramatta Rd., East Cabramatta	140365	Premise Match	131m	North
Hairdressers (Gent.'s)/Tobacconists	John Street Hairdresser., 23 John St., Cabramatta	98158	Premise Match	132m	North
Butchers - Retail	Gambrill, D. , 201 Railway Pde., Cabramatta	58346	Premise Match	134m	North
Beauty Salons &/or Ladies Hairdressers	Graham, Mrs. L. , 25 John St., Cabramatta	50676	Premise Match	134m	North
Butchers - Retail	Baypla (C'matta) Pty. Ltd. , 133 Cabramatta Rd. East, Cabramatta	57881	Premise Match	135m	North
Chemists - Pharmaceutical	Donohue, D. F., 27 John St., Cabramatta	64936	Premise Match	137m	North
Radio &/Or Television Sakes & Servicemen	Dimarco Bros., 86 Broomfield St., Cabramatta Cabramatta	138107	Premise Match	138m	North
Fish Merchants - Retail	Aroney's Fish & Chips, 131 Cabramatta Rd. East, Cabrmmta.	86658	Premise Match	138m	North
Newsagents	Cabramatta Newsagency, 200 Railway Pde., Cabramatta	128047	Premise Match	139m	North
Chemists - Pharmaceutical	Farrah, K. W., 129 Cabramatta Rd., East Cabramatta	64988	Premise Match	142m	North
DELICATESSENS	Cabramatta Delicatessen, 199 Railway Pde., Cabramatta	71947	Premise Match	143m	North
Fruiterers & Greengrocers	Vartul-Orfino Railway Fruit , 197 Railway Pde., Cabramatta	92313	Premise Match	144m	North
Fruiterers & Greengrocers	Ortado, J. (Jnr.) , 35 John St., Cabramatta	91862	Premise Match	146m	North
Fruiterers & Greengrocers	Trimarchi Sons—Mart., 127 Cabramatta Rd. East, Cabramatta	92294	Premise Match	146m	North
Paint, Varnish, Oils/Colour Merchants	Buckley, D. M. Pty. Ltd., 28-38 John St., Cabramatta	130759	Premise Match	148m	North
Plumbers' Supplies	Buckley, D. M. Pty. Ltd. , 28-38 John St., Cabramatta	134942	Premise Match	148m	North
Butchers - Retail	O'Sullivan's Cabramatta Butchery , 37 John St., Cabramatta	59011	Premise Match	149m	North
Baby & Children's Wear - Retail	Marie (The)Baby Wear., 37 John St., Cabramatta	48911	Premise Match	149m	North

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

1965 Business Directory Records Road or Area Matches

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

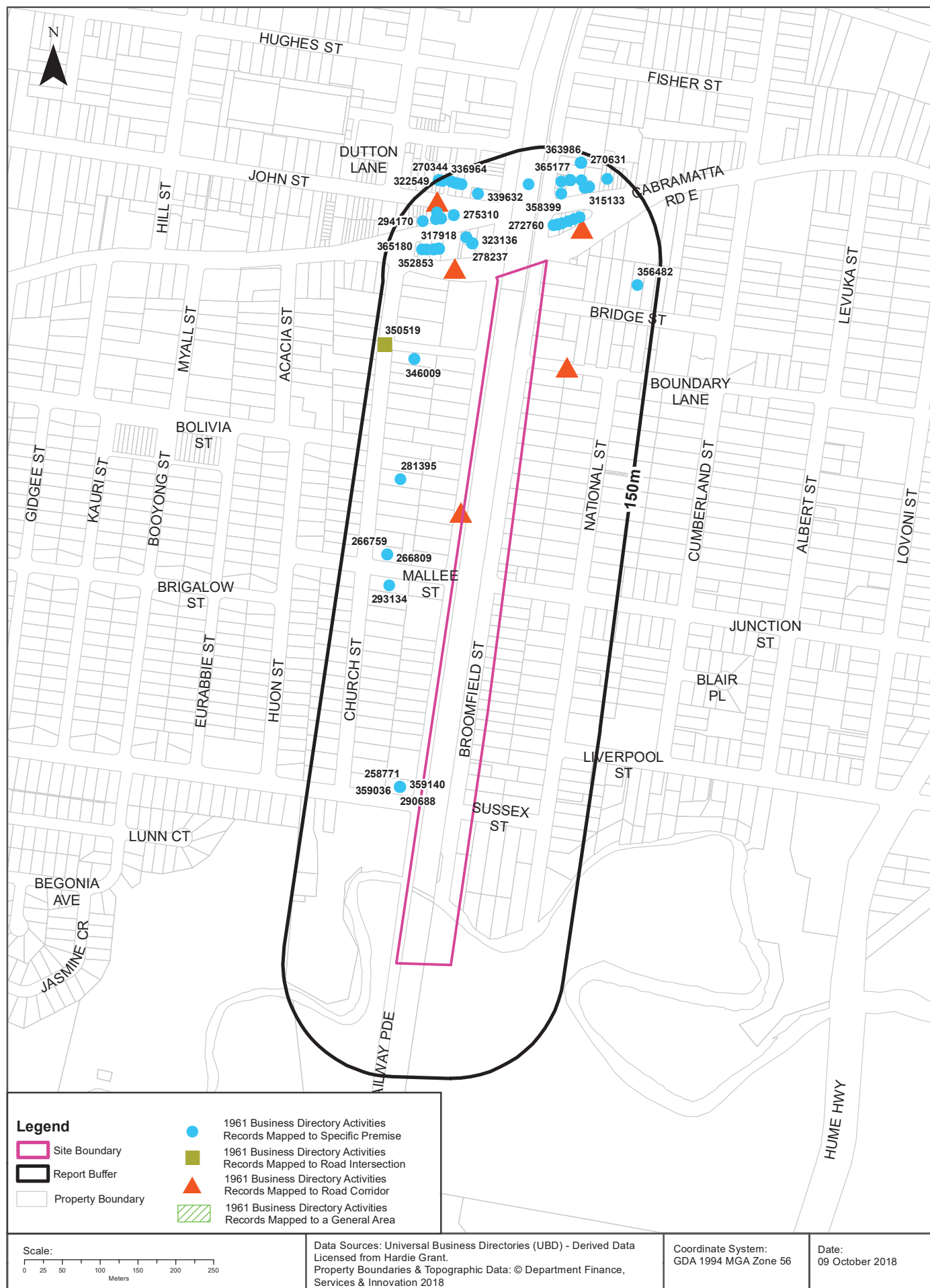
Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
Local Bodies	Cahramatta & Canley Vale Municipality, Railway Pde.. Cabramatta	108315	Road Match	0m
Medical Practitioners	Dobell-Brown, David L., 128 Cabramatta Rd., Cabramatta	111237	Road Match	0m
TIMBER MERCHANTS	Hirst, Wilson , 63 Railway Pde., Cabramatta	151838	Road Match	0m
Joinery Merchants	Hirst, Wilson, 63 Railway Pde., Cabramatta	106650	Road Match	0m
Dentists	Houston, W. M., 77 Railway Pde., Cabramatta	73442	Road Match	0m
Toy Mfrs.	Marine Plastic Co. Pty. Ltd. , Sussex St., Cabramatta	153291	Road Match	0m
Plastic Goods Manufacturers	Marine Plastic Co. Pty. Ltd., Sussex St., Cabramatta	133930	Road Match	0m
Plastic Converters	Marine Plastic Co. Pty. Ltd., Sussex St., Catramatte	133663	Road Match	0m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
Plastic Fabricators & Vacuum Formers	Marine. Plastic Co. Pty. Ltd., Sussex St., Cabramatta	133796	Road Match	0m
Motor Service Stations - Petrol, Oil, Etc.	Cabramatta Motorways, Cabramatta Rd. Cabramatta	125526	Road Match	13m
Butchers - Retail	Fahey's Top Grade Butchery , 388 Cabramatta Cabramatta West	58280	Road Match	13m
BOOT & SHOE REPAIRERS	Forsberg, A., 235 Cabramatte Rd. West, Cabramatta	53277	Road Match	13m
Carriers & Cartage Contractors	Liebrand, G. F., Cabramatta Rd., Cabramatta	63146	Road Match	13m
Motor Service Stations - Petrol, Oil, Etc.	Total Service Station, Cabramatta Rd. Cabramatta	125536	Road Match	13m
Jewellers/Watchmakers - Retail	Gibson Gift Store, 7 John St., Cabramatta	105999	Road Match	58m
DELICATESSENS	Quality Foods Pty. Ltd., 21 John St., Cabramatta	72616	Road Match	58m
Fish Merchants - Retail	Green Wave Fish Supply (The), 60 John St., Cabramatta	86841	Road Match	100m
Dentists	Kazokas, G. E., John St., Cabramatta	73476	Road Match	100m
Cake Shops & Pastrycooks	Pat-A-Cakes, Todd's., 74 John St., Cabramatta	61486	Road Match	100m
Fish Merchants - Retail	Verrell, W. H., 60 Johns St., Cabramatta	87153	Road Match	100m

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

1961 Historical Business Directory Records

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)



Historical Business Directories

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

1961 Business Directory Records Premise or Road Intersection Matches

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

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
CLOTHING MFRS. &/OR W'SALERS-PLASTIC	Driclad Pty. Ltd., 254 Railway Pde., Cabramatta	290688	Premise Match	29m	South West
CLOTHING MFRS. &/OR W'SALERS-PLASTIC	Marine Plastic Co. Pty. Ltd., 254 Railway Pde., Cabramatta	290697	Premise Match	29m	South West
PLASTIC FABRICATORS	Marine Plastic Co. Pty. Ltd., 254 Railway Pde., Cabramatta	359140	Premise Match	29m	South West
PLASTIC GOODS MFRS.	Marine Plastic Co. Pty. Ltd., 254 Railway Pde., Cabramatta	359273	Premise Match	29m	South West
TOY MANUFACTURERS	Driclad Pty. Ltd., 254 Railway Pde., Cabramatta	258771	Premise Match	29m	South West
PLASTIC CONVERTERS	Marine Plastic Co. Pty. Ltd., 254 Railway Pde., Cabramatta	359036	Premise Match	29m	South West
BEAUTY SALONS & LADIES' HAIRDRESSERS	Roxy Beauty Salon, 158 Cabramatta Rd., Cabramatta	272760	Premise Match	48m	North
REAL ESTATE AGENTS/VALUERS	Liverpool District Estate Agency 156 Cabramatta Rd., Cabramatta CABRAMATTA	365181	Premise Match	50m	North
REAL ESTATE AGENTS/VALUERS	Liverpool District Estate Agency, 156 Cabramatta Rd. CABRAMATTA	365182	Premise Match	50m	North
INSURANCE AGENTS	Liverpool District Estate Agency, 156 Cabramatta Rd., Cabramatta	327892	Premise Match	50m	North
FISH MERCHANTS-RETAIL	Cabramatta Fish Supply, 154 Cabramatta Rd. East, Cabramatta	310909	Premise Match	54m	North
PAINT, VARNISH, OILS/COLOUR MERCHANTS	Henderson, H. & Sons Pty. Ltd., 170 Cabramatta Rd., Cabramatta	355670	Premise Match	55m	North
HARDWARE DEALERS/IRONMONGERS	Henderson, H. & Sons Pty. Ltd., 170 Cabramatta Rd. CABRAMATTA	323136	Premise Match	55m	North
PLUMBERS' SUPPLIES	Henderson, H. & Sons Pty. Ltd., 170 Cabramatta Rd., Cabramatta	361001	Premise Match	55m	North
BUILDERS' SUPPLIERS	Henderson, H. & Sons Pty. Ltd., 170 Cabramatta Rd., Cabramatta	278237	Premise Match	55m	North
HOTELS—LICENSED	Hotel Cabramatta, 91 Railway Pde., Cabramatta	325398	Premise Match	55m	North
GROCERS-RETAIL	Henderson, H. & Son Pty. Ltd., 170-176 Cabramatta Rd. West, Cabramatta	320619	Premise Match	55m	North
MIXED BUSINESS	Stevenson's, H. & K. Grocery & Milk Bar, 150-152 Cabramatta Rd East	342479	Premise Match	60m	North
BILLIARDS SALOONS	Mulhall, C., 178 Cabramatta Rd., Cabramatta	273080	Premise Match	66m	North
HAIRDRESSERS (GENT.'S) /TOBACCONISTS	Mulhall, C., 178 Cabramatta Rd., Cabramatta	322339	Premise Match	66m	North
DELICATESSENS	European .Delicatessen, 148 Cabramatta Rd. East, Cabrmmta	294793	Premise Match	66m	North
DRY CLEANERS, PRESSERS / DYERS	Cabravale Dry Cleaners, 146 Cabramatta Rd., Cabramatta	299067	Premise Match	72m	North
COOPERS & VAT MAKERS	Hughes, A. E. Pty. Ltd., 42 Church St., Cabramatta	293134	Premise Match	83m	North West
FURNITURE-KITCHEN UNITS & CABINETS-MANUFACTURERS &/OR WHOLESALEERS	Ball & Sons, 190 Cabramatta Rd., Cabramatta	317918	Premise Match	85m	North
JOINERY MANUFACTURERS	Ball & Sons, 190 Cabramatta Rd., Cabramatta	329739	Premise Match	85m	North
STOCK/STATION AGENTS	Bonnyrigg Real Estate Agents, 190a Cabramatta Rd., Cabramatta	254215	Premise Match	85m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
REAL ESTATE AGENTS/VALUERS	Byrne, J. K., 190 Cabramatta Rd. CABRAMATTA	365176	Premise Match	85m	North
FURNITURE-HOUSEHOLD-RETAILERS	Cabramatta Modern Furniture Co., 190 Cabramatta Rd. West, Cabramatta	317711	Premise Match	85m	North
TAILORS-LADIES'/GENT.'S	Julian Fashions (Wholesale), 190 Cabramatta Rd., Cabramatta	254971	Premise Match	85m	North
REAL ESTATE AGENTS/VALUERS	Nasman, M., 190 Cabramatta Rd. CABRAMATTA	365183	Premise Match	85m	North
REAL ESTATE AGENTS/VALUERS	O'Toole, F. T., 190a Cabramatta Rd. CABRAMATTA	365184	Premise Match	85m	North
BUSINESS AGENTS &/OR BROKERS	O'Toole, F. T., 190a Cabramatta Rd., Cabramatta	279622	Premise Match	85m	North
BUTCHERS-RETAIL	Williams, W. S., 30 Church St., Cabramatta	281395	Premise Match	88m	North West
RADIO &/OR TELEVISION SALES & SERVICEMEN	Clipper Radio Co., 192 Cabramatta Rd., West Cabramatta CABRAMATTA	363983	Premise Match	91m	North
PICTURE THEATRES	Cabramatta Royal, 145-151 Cabramatta Rd. East, Cabramatta	358399	Premise Match	91m	North
MUSIC—SHEET, GRAMOPHONE RECORDS—DEALERS	Clipper Radio Co., 192 Cabramatta Rd. W., Cabramatta	352853	Premise Match	91m	North
ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Clipper Radio Co., 192 Cabramatta Rd. West, Cabramatta	303062	Premise Match	91m	North
AERATED WATER & CORDIAL MFRS.	Hughes, A. E. Pty. Ltd., 40 Church St., Cabramatta	266759	Premise Match	92m	North West
AERATED WATER & CORDIAL MFRS.' SUPPLIES	Hughes, A. E. Pty. Ltd., 40 Church St., Cabramatta	266809	Premise Match	92m	North West
BATTERY DISTRIBUTORS	Cabramatta Auto Electrical Service, 12 Church St., Cabramatta	271865	Premise Match	94m	North
MOTOR ELECTRICIANS	Cabramatta Auto Electrical Service, 12 Church St., Cabramatta	346009	Premise Match	94m	North
BUTCHERS-RETAIL	Paine, C. & Son, 196 Cabramatta Rd. West, Cabramatta	280919	Premise Match	99m	North
BOOT & SHOE REPAIRERS	Wheatley, C., 2 John St., Cabramatta	275310	Premise Match	100m	North
FOOTWEAR RETAILERS	Wheatley, C., 2 John St., Cabramatta	313288	Premise Match	100m	North
MOTOR GARAGES & ENGINEERS	Railway Service Station, Railway Pde. CABRAMATTA	347978	Premise Match	104m	North
REAL ESTATE AGENTS/VALUERS	Hibble, Henry E. Pty. Ltd., 198 Cabramatta Rd. CABRAMATTA	365180	Premise Match	105m	North
ACCOUNTANTS & AUDITORS	Rankin, P. G. & Co., 92 Bromfield St., Cabramatta.	265586	Premise Match	106m	North
REAL ESTATE AGENTS/VALUERS	Connor's of Cabramatta, 189 Cabramatta Rd. CABRAMATTA	365179	Premise Match	107m	North
STOCK/STATION AGENTS	Connor's of Cabramatta, 189 Cabramatta Rd., Cabramatta	254238	Premise Match	107m	North
DENTISTS	Eslake, E. J., 145 Cabramatta Rd., Cabramatta	295888	Premise Match	109m	North
JEWELLERS/WATCHMAKERS—RETAIL	Antonijevic, S., 145 Cabramatta Rd. East, Cabramatta	329021	Premise Match	109m	North
AUCTIONEERS-POULTRY	Cabramatta Agencies. 155 Cabramatta Rd., Cabramatta	270131	Premise Match	111m	North
GROCERS-RETAIL	"Continental Foods", 143 Cabramatta Rd. East, Cabramatta	320040	Premise Match	111m	North
REAL ESTATE AGENTS/VALUERS	Cabramatta Agencies, 155 Cabramatta Rd. CABRAMATTA	365177	Premise Match	111m	North
INSURANCE AGENTS	Cabramatta Agencies, 155 Cabramatta Rd., Cabramatta	327717	Premise Match	111m	North
STOCK/STATION AGENTS	Cabramatta Agencies, 155 Cabramatta Rd., Cabramatta	254224	Premise Match	111m	North
REAL ESTATE AGENTS/VALUERS	Caterson, R. & Co., 155 Cabramatta Rd., East Cabramatta CABRAMATTA	365178	Premise Match	111m	North
STOCK/STATION AGENTS	Caterson, R. D. & Co., 155 Cabramatta Rd. East, Cabramatta	254226	Premise Match	111m	North
LIBRARIES—LENDING	Marita Library & Florist, 187-191 Cabramatta Rd. West, Cabramatta	331477	Premise Match	111m	North
FRUITERERS/GREENGROCERS	Campisi, L., 141 Cabramatta Rd. East, Cabramatta	315133	Premise Match	112m	North

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
MILK, FRUIT JUICE BARS/CONFECTIONERS	Sotiros, Theo & Son, 11 John St., Cabramatta	339632	Premise Match	113m	North
DELICATESSENS	Sotiros, Theo & Son, 13-15 John St., Cabramatta	295299	Premise Match	113m	North
SOLICITORS	Messner, A. D., 147 Cabramatta Rd., Cabramatta	251589	Premise Match	116m	North
BANKS	Commercial Banking Company of Sydney Limited 14 John St., Cabramatta	271219	Premise Match	117m	North
CYCLE DEALERS & ACCESSORIES	Bagley & Weston, 195 Cabramatta Rd., Cabramatta	294170	Premise Match	122m	North
PAINTERS, PAPERHANGERS/DECORATORS	Wells, W. J. & M. A., 9 Bridge St., Cabramatta	356482	Premise Match	123m	North East
REAL ESTATE AGENTS/VALUERS	Bolton, G. & Co., 23 John St. CABRAMATTA	365175	Premise Match	132m	North
BEAUTY SALONS & LADIES' HAIRDRESSERS	Douglas, Donald Beauty Salon, 25 John St., Cabramatta	272370	Premise Match	134m	North
CHEMISTS-PHARMACEUTICAL	Jollow's Pharmacy, 133 Cabramatta Rd. E., Cabramatta	287723	Premise Match	135m	North
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Cumberland Motors (Sales) Pty. Ltd., Cnr. Church & Boundary Sts. GRANVILLE	350519	Road Intersection	135m	North
CHEMISTS-PHARMACEUTICAL	Donohue, D. F., 27 John St., Cabramatta	287517	Premise Match	137m	North
RADIO &/OR TELEVISION SALES & SERVICEMEN	Branch Store: 86 Broomfield St., Cabramatta LIVERPOOL	364310	Premise Match	138m	North
RADIO &/OR TELEVISION SALES & SERVICEMEN	Dimarco Bros 86 Broomfield St., Cabramatta CABRAMATTA	363985	Premise Match	138m	North
SPORTS GOODS REPAIRERS	Dimarco Bros Branch Store: 86 Broomfield St., Cabramatta	252031	Premise Match	138m	North
RADIO &/OR TELEVISION SALES & SERVICEMEN	Dimarco Bros., 86 Broomfield St., Cabramatta CABRAMATTA	363986	Premise Match	138m	North
FROCK & COAT SALONS	Regina Styles, 86 Bloomfield St., Cabramatta	314447	Premise Match	138m	North
FURNITURE-HOUSEHOLD-RETAILERS	Dimarco Bros 121 George St., Liverpool Branch Shop: 86 Broomfield St., Cabramatta	366055	Premise Match	138m	North
ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Dimarco Bros 121 George St., Liverpool Branch Store: 86 Broomfield St., Cabramatta	366054	Premise Match	138m	North
SPORTS GOODS RETAILERS	Dimarco Bros Branch Store: 86 Broomfield St., Cabramatta	252094	Premise Match	138m	North
BABY & CHILDREN'S WEAR-RETAIL	Regina Styles, 86 Broomfield St., Cabramatta	270631	Premise Match	138m	North
MERCERS—MEN'S & BOYS' OUTFITTERS	Ingall's, 29 John St., Cabramatta	336964	Premise Match	140m	North
FRUITERERS/GREENGROCERS	Ortado, J. (Jnr.), 35 John St., Cabramatta	315933	Premise Match	146m	North
HAIRDRESSERS (GENT.'S) /TOBACCONISTS	Swainston, W., 37 John St., Cabramatta	322549	Premise Match	149m	North
BABY & CHILDREN'S WEAR-RETAIL	"Marie" (The), Baby Wear, 37 John St., Cabramatta	270344	Premise Match	149m	North

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1961 Business Directory Records Road or Area Matches

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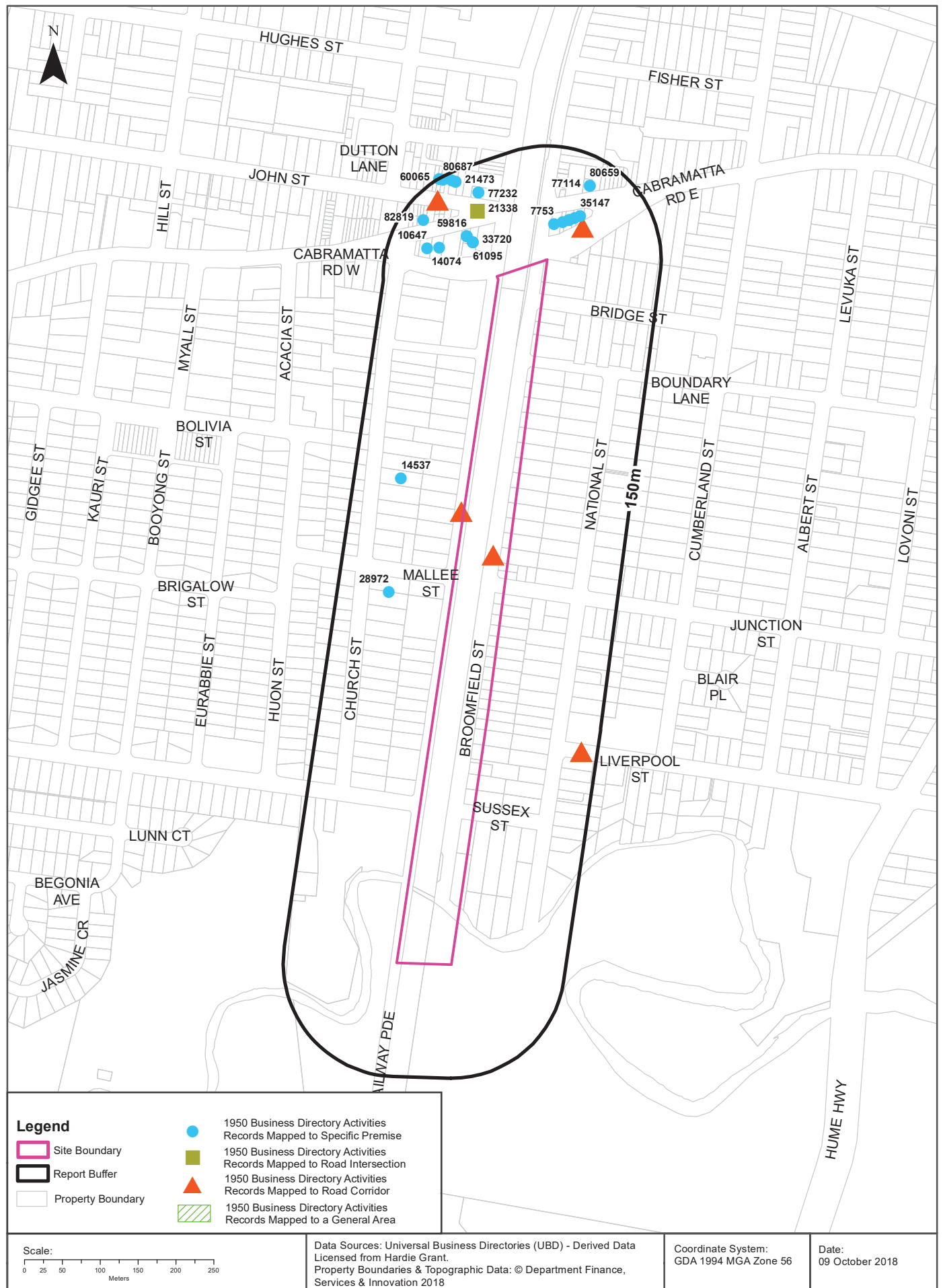
Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
CHEMISTS-PHARMACEUTICAL	Bookall's Corner Pharm., 89 Railway Pde., Cabramatta	287359	Road Match	0m
MOTOR GARAGES & ENGINEERS	Brassington, M. R., Cabramatta Rd. CABRAMATTA	346719	Road Match	0m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
MEDICAL PRACTITIONERS	Dobell-Brown, N. G., 128 Cabramatta Rd., Cabramatta	334983	Road Match	0m
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Griffiths, S. M., Cabramatta Rd. CABRAMATTA	350652	Road Match	0m
JOINERY MERCHANTS	Hirst, Wilson, 63 Railway Pde., Cabramatta	330132	Road Match	0m
TIMBER MERCHANTS	Hirst, Wilson, 63 Railway Pde., Cabramatta	257396	Road Match	0m
DENTISTS	Houston, W. M., 77 Railway Pde., Cabramatta	296049	Road Match	0m
MOTOR GARAGES & ENGINEERS	Morrison, J. H., Railway Pde. Canley Vale	347745	Road Match	0m
BABY & CHILDREN'S WEAR-RETAIL	Peter John (The), 75 Railway Pde., Cabramatta	270614	Road Match	0m
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Total Service Station, Cabramatta Rd. CABRAMATTA	351191	Road Match	0m
CAKE SHOPS & PASTRYCOOKS	Winnel, R., 88 Railway Pde., Cabramatta	283407	Road Match	0m
FENCE/GATE MFRS.	Wirex, Manufacturing Co. Pty. Ltd., Boundry La., Cabramatta	309902	Road Match	0m
WIRE CHAIN MFRS.	Wirex Manufacturing Co. Pty. Ltd., Boundry Lane, Cabramatta	263269	Road Match	0m
SECOND-HAND DEALERS	Beverley, Ruth, 237 Cabramatta Rd. West, Cabramatta (Clothing)	248765	Road Match	13m
CARRIERS & CARTAGE CONTRACTORS	Liebrand, G. F., Cabramatta Rd., Cabramatta	285006	Road Match	13m
RADIO &/OR TELEVISION SALES & SERVICEMEN	Davies, E. G., 17 John St. CABRAMATTA	363984	Road Match	58m
ELECTRICAL SUPPLIES/APPLIANCES RETAILERS	Davies, E. G., 17 John St., Cabramatta	303078	Road Match	58m
JEWELLERS/WATCHMAKERS—RETAIL	Gibson Gift Store, 7 John St., Cabramatta	329162	Road Match	58m
FRUITERERS/GREENGROCERS	Knelevie & Pekic, 21 John St., Cabramatta	315617	Road Match	58m
FISH MERCHANTS-RETAIL	Green Wave Fish Supply (The), 60 John St., Cabramatta	311008	Road Match	100m
FISH MERCHANTS-RETAIL	Verrell, W. H., 60 Johns St., Cabramatta	311276	Road Match	100m

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1950 Historical Business Directory Records

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)



Historical Business Directories

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

1950 Business Directory Records Premise or Road Intersection Matches

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

Business Activity	Premise	Ref No.	Location Confidence	Distance to Feature Point	Direction
BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Roxy Beauty Salon, 158 Cabramatta Rd., Cabramatta	7753	Premise Match	48m	North
PRINTERS-GENERAL	Cabra Printing Service, 154 Cabramatta Rd., Cabramatta	94810	Premise Match	54m	North
HARDWARE DEALERS &/OR IRONMONGERS	Henderson, H. and Sons Pty. Ltd., 170 Cabramatta Rd., Cabramatta	61095	Premise Match	55m	North
DRAPERS-RETAIL	Henderson, H. and Sons Pty. Ltd., 170 Cabramatta Rd., Cabramatta	33720	Premise Match	55m	North
MIXED BUSINESSES & GENERAL STORES	Henderson, H. and Sons Pty. Ltd., 170 Cabramatta Rd., Cabramatta	80161	Premise Match	55m	North
HARDWARE DEALERS &/OR IRONMONGERS	Wobken, J. B., 150-152 Cabramatta Rd., Cabramatta	61499	Premise Match	60m	North
GROCERS-RETAIL	Wobken, J. B., 150-152 Cabramatta Rd., Cabramatta	56202	Premise Match	60m	North
HAIRDRESSERS (GENT.'S) &/OR TOBACCONISTS	Mulhall, C., 178 Cabramatta Rd., Cabramatta	59816	Premise Match	66m	North
BILLIARDS SALOONS	Mulhall, C., 178 Cabramatta Rd., Cabramatta	8176	Premise Match	66m	North
FRUITERERS & GREENGROCERS	Cremin, S., 148 Cabramatta Rd., Cabramatta	49882	Premise Match	66m	North
DRY CLEANERS, PRESSERS & DYERS	Cabravale Dry Cleaners, 146 Cabramatta Rd., Cabramatta	35147	Premise Match	72m	North
COOPERS & VAT MAKERS	Hughes and Company, 42-44 Church St., Cabramatta	28972	Premise Match	82m	West
BUTCHERS-RETAIL	Paine, C., 190 Cabramatta Rd., Cabramatta	14074	Premise Match	85m	North
BUTCHERS-RETAIL	Williams, W. S., 30 Church St., Cabramatta	14537	Premise Match	88m	North West
CHEMISTS-PHARMACEUTICAL	Bookailli, J., 71 The Crescent, Fairfield; Cnr. Railway Pde. and John St., Cabramatta	21338	Road Intersection	90m	North
BOOT & SHOE REPAIRERS	Smith, J. C., 196 Cabramatta Rd., Cabramatta	10647	Premise Match	99m	North
MILK BARS & CONFECTIONERS	O'Brien, F. J., 141 Cabramatta Rd., Cabramatta,	77114	Premise Match	112m	North
MIXED BUSINESSES & GENERAL STORES	O'Brien, F., 141 Cabramatta Rd., Cabramatta	80659	Premise Match	112m	North
MILK BARS & CONFECTIONERS	Radford, 11-15 John St., Cabramatta	77232	Premise Match	113m	North
CAFES, TEA ROOMS, COFFEE LOUNGES, Etc.	Radford's, 11-15 John St., Cabramatta	15920	Premise Match	113m	North
MOTOR CYCLE ACCESSORIES & SPARE PARTS DEALERS	Bagley and Weston, 195 Cabramatta Rd., Cabramatta	82819	Premise Match	122m	North
CHEMISTS-PHARMACEUTICAL	Donohue, D. F., 27 John St., Cabramatta	21473	Premise Match	137m	North
BEAUTY SALONS &/OR LADIES' HAIRDRESSERS	Graham, L. A., 27 John St., Cabramatta	7211	Premise Match	137m	North
MERCERS & GENT'S OUTFITTERS	Ingall's, 29 John St., Cabramatta	74453	Premise Match	140m	North
MIXED BUSINESSES & GENERAL STORES	Ortado, J., 35 John St., Cabramatta	80687	Premise Match	146m	North
HAIRDRESSERS (GENT.'S) &/OR TOBACCONISTS	Swainston, W., 37 John St., Cabramatta	60065	Premise Match	149m	North

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1950 Business Directory Records Road or Area Matches

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Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
MOTOR PANEL BEATERS	All Suburbs Towing Service, 2 Broomfield St., Cabramatta	85131	Road Match	0m
BANKS	Bank of N.S.W, Railway Pde, Cabramatta	5738	Road Match	0m
BUTCHERS-RETAIL	Barker, J., 82 Railway Pde., Cabramatta	13111	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS	Brassington, M. R., Cabramatta Rd., Cabramatta	83491	Road Match	0m
BANKS	Commonwealth Bank of Australia and Commonwealth Savings Bank of Australia, Cabramatta Rd., Cabramatta	5918	Road Match	0m
MOTOR SERVICE STATIONS-PETROL, Etc.	Cooks Hill Service Station, Cabramatta Rd., Cabramatta	85891	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS	Cooks Hill Service Station, Cabramatta Rd., Cabramatta	83623	Road Match	0m
DRAPERS-RETAIL	Geraghty, J., 76 Railway Pde., Cabramatta	33673	Road Match	0m
MOTOR SERVICE STATIONS-PETROL, Etc.	Griffiths, S. M., Cabramatta Rd., Cabramatta	86015	Road Match	0m
EARTH MOVING CONTRACTORS	Grimson, D. S., Cabramatta Rd., Cabramatta	36135	Road Match	0m
MEDICAL PRACTITIONERS	Hicks, K. E., Cabramatta Rd. East, Cabramatta	73135	Road Match	0m
TIMBER MERCHANTS	Hirst, Wilson, Railway Pde., Cabramatta	78043	Road Match	0m
BLACKSMITHS	Kohle and Grimson, Cabramatta Rd., Cabramatta	8333	Road Match	0m
FARRIERS	Kohle (and) Grimson, Cabramatta Rd., Cabramatta	43552	Road Match	0m
NEWSAGENTS	Levine, D., Railway Pde., Cabramatta	88138	Road Match	0m
CARRIERS & CARTAGE CONTRACTORS	Liebrand, G. F., Cabramatta Rd., Cabramatta	19243	Road Match	0m
GROCERS-RETAIL	McBurney's Commercial Store, 84 Railway Pde., Cabramatta	58236	Road Match	0m
HARDWARE DEALERS &/OR IRONMONGERS	McBurney's Commercial Store, 84 Railway Pde., Cabramatta	61219	Road Match	0m
PRODUCE MERCHANTS-GRAIN & SEED-RETAIL	McBurney's Commercial Store, 84 Railway Pde., Cabramatta	95587	Road Match	0m
BABY & CHILDREN'S WEAR-RETAIL	Simpson, C., 76 Railway Pd., Cabramatta	4805	Road Match	0m
HIRE CAR SERVICES	Smith, W. D., Cabramatta Rd., Cabramatta	62310	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS	Stanton, G. W., Cabramatta Rd., Cabramatta	84417	Road Match	0m
GROCERS-RETAIL	Thompson, A. and Sons Pty. Ltd. Cabramatta Rd., Cabramatta	55885	Road Match	0m
REAL ESTATE AGENTS	Wearne's Estate Agency, Railway Pde., Cabramatta	98948	Road Match	0m
STOCK & STATION AGENTS	Wearnes Estate Agency, 78 Railway Pde., Cabramatta	105661	Road Match	0m
CAKE SHOPS & PASTRYCOOKS	Winnel, R., 88 Railway Pde., Cabramatta	17380	Road Match	0m
MIXED BUSINESSES & GENERAL STORES	Powderly, A., 21 John St., Cabramatta	80798	Road Match	58m
DENTISTS	De Saxe, E. F., John St., Cabramatta	31821	Road Match	100m
MERCERS & GENT'S OUTFITTERS	Downes, M. S., John St., Cabramatta	74346	Road Match	100m
DELICATESSENS & SMALLGOODS DEALERS	Radford, S. D., John St., Cabramatta	31074	Road Match	100m

Business Activity	Premise	Ref No.	Location Confidence	Distance to Road Corridor or Area
GRAVEL, SAND & SOIL SUPPLIES	Verrell, W. H., 62 John St., Cdbramatta	55206	Road Match	100m
GRAVEL, SAND & SOIL SUPPLIES	Verrell, W. H., 62 Johns St., Cabramatta	55207	Road Match	100m
WINE & SPIRIT MERCHANTS-WHOLESALE	Ireland, C., Liverpool St., Cabramatta	113642	Road Match	106m
CARRIERS & CARTAGE CONTRACTORS	Ratford, A. C., Liverpool Rd., Canley Vale	19637	Road Match	106m
ENGINEERS-STEAM	Todd, G. E. and Co. Pty. Ltd., 1 Bent St. and Liverpool St., Cabramatta	42377	Road Match	106m
MIXED BUSINESSES & GENERAL STORES	Watkins, W. E., Liverpool Rd., Cabramatta	81210	Road Match	106m

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

Historical Business Directories

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

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

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

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
DRY CLEANERS,PRESSERS/DYERS (D710)	Nu-Valet Dry Cleaners, 146 Cabramatta Rd., Cabramatta	292432	1970	Premise Match	72m	North
Dry Cleaners, Pressers/Dyers	Cabramatta Dry Cleaners, 146 Cabramatta Rd., Cabramatta	76108	1965	Premise Match	72m	North
DRY CLEANERS, PRESSERS / DYERS	Cabravale Dry Cleaners, 146 Cabramatta Rd., Cabramatta	299067	1961	Premise Match	72m	North
DRY CLEANERS, PRESSERS & DYERS	Cabravale Dry Cleaners, 146 Cabramatta Rd., Cabramatta	35147	1950	Premise Match	72m	North
MOTOR SERVICE STATIONS - PETROL, OIL	Railway Service Station, Railway Pde., Cabramatta.	61910	1975	Premise Match	104m	North
MOTOR SERVICE STATIONS- PETROL,OIL,Etc. (M716)	Railway Service Station,Railway Pde.CABRAMATTA	341415	1970	Premise Match	104m	North
MOTOR GARAGES & ENGINEERS(M6S6)	Railway Service Station,Railway Pde.CABRAMATTA	338478	1970	Premise Match	104m	North
Motor Service Stations - Petrol, Oil, Etc.	Railway Service Station, Railway Pde. Cabramatta	125534	1965	Premise Match	104m	North
Motor Garages & Engineers	Railway Service Station, Railway Pde. Cabramatta	122336	1965	Premise Match	104m	North
MOTOR GARAGES & ENGINEERS	Railway Service Station, Railway Pde. CABRAMATTA	347978	1961	Premise Match	104m	North
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Cumberland Motors (Sales) Pty. Ltd., Cnr. Church & Boundary Sts. GRANVILLE	350519	1961	Road Intersection	135m	North
DRY CLEANERS, PRESSERS&/OR DYERS.	Stardust Dry Cleaners, 197 Railway Pde., Cabramatta	24362	1975	Premise Match	144m	North
DRY CLEANERS & PRESSERS. (D8500)	Stardust Dry Cleaners, 125 Cabramatta Rd. East., Cabramatta.2166.	24066	1982	Premise Match	149m	North
DRY CLEANERS, PRESSERS &/OR DYERS	Stardust Dry Cleaners, 125 Cabramatta Rd. East., Cabramatta.	20969	1978	Premise Match	149m	North
DRY CLEANERS, PRESSERS&/OR DYERS.	Stardust Dry Cleaners, 125 Cabramatta Rd. East., Cabramalls	24363	1975	Premise Match	149m	North
DRY CLEANERS,PRESSERS/DYERS (D710)	Stardust Dry Cleaners, 125 Cabramatta Rd.East, Cabramatta	292524	1970	Premise Match	149m	North
MOTOR GARAGES &/OR ENGINEERS	All Suburbs Towing Service, 82 Broomfield St., Cabramatta	114831	1950	Premise Match	168m	North
MOTOR GARAGES & ENGINEERS(M6S6)	All Suburbs Towing Service, 82 Broomfield St. CABRAMATTA	337178	1970	Premise Match	200m	North
Motor Garages & Engineers	All Suburbs Towing Service, 82 Broomfield St. Cabramatta	122328	1965	Premise Match	200m	North
MOTOR GARAGES & ENGINEERS	All Suburbs Towing Service, 82 Broomfield St. CABRAMATTA	346495	1961	Premise Match	200m	North
MOTOR GARAGES & ENGINEERS	Fairhall, N. K., 82 Broomfield St. CABRAMATTA	347123	1961	Premise Match	200m	North
MOTOR SERVICE STATIONS- PETROL, Etc.	All Suburbs Service Station, 82 Broomfield St., Cabramatta	85743	1950	Premise Match	200m	North
MOTOR SERVICE STATIONS- PETROL, Etc.	AM Suburbs Service Station (N. Fairall, Propr.), 82 Broomfield St., Cabramatta	85747	1950	Premise Match	200m	North
MOTOR GARAGES &/OR ENGINEERS	Fairhall, N. K., 82 Broomfield St., Cabramatta	83731	1950	Premise Match	200m	North
DRY CLEANERS & PRESSERS.	Nu-Valet, 48 Arthur St., Cabramatta.	25464	1986	Premise Match	207m	North
DRY CLEANERS & PRESSERS. (D8500)	Nu-Valet, 48 Arthur St., Cabramatta. 2166.	23995	1982	Premise Match	207m	North

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Feature Point	Direction
Motor Garages & Engineers	Loscoe Sales & Service, 111 Cabramatta Rd. Cabramatta	122333	1965	Premise Match	260m	North East
DRY CLEANERS & PRESSERS. (D8500)	Permac Dry Cleaners, 80 John St., Cabramatta. 2166.	24008	1982	Premise Match	270m	North
DRY CLEANERS, PRESSERS &/OR DYERS	Permac Dry Cleaners, 80 John St.. Cabramatta..	20910	1978	Premise Match	270m	North
DRY CLEANERS, PRESSERS&/OR DYERS.	Permac Dry Cleaners. 80 John St., Cabramatta.	24276	1975	Premise Match	270m	North
DRY CLEANERS,PRESSERS/DYERS (D710)	Permac Dry Cleaners, 80 John St., Cabramatta	292449	1970	Premise Match	270m	North
Dry Cleaners, Pressers/Dyers	Permac Dry Cleaners, 80 John St., Cabramatta	76285	1965	Premise Match	270m	North
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Newham & Anthony,244 Cabramatta Rd.CABRAMATTA	341363	1970	Premise Match	313m	North West
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Newham & Anthony, 244 Cabramatta Rd. CABRAMATTA	350905	1961	Premise Match	313m	North West
MOTOR SERVICE STATIONS-PETROL, Etc.	Farrel Bros., 244 Cabramatta Rd., Cabramatta	85952	1950	Premise Match	313m	North West
MOTOR SERVICE STATIONS-PETROL, Etc.	Newham and Anthony, 244 Cabramatta Rd., Cabramatta	86233	1950	Premise Match	313m	North West
MOTOR GARAGES &/OR ENGINEERS.	Total Service Station, 244 Cabramatta Rd., Cabramatta.	59680	1975	Premise Match	319m	North West
MOTOR GARAGES & ENGINEERS(M6S6)	Central Service Station, 244 Cabramatta Rd.CABRAMATTA	337553	1970	Premise Match	319m	North West
MOTOR GARAGES & ENGINEERS(M6S6)	Total Service Station, 244 Cabramatta Rd.CABRAMATTA	338755	1970	Premise Match	319m	North West
Motor Garages & Engineers	Central Service Station, 244 Cabramatta Rd. Cabramatta	122331	1965	Premise Match	319m	North West
Motor Service Stations - Petrol, Oil, Etc.	Newham & Anthony, 244 Cabramatta Rd. Cabramatta	125533	1965	Premise Match	319m	North West
Motor Garages & Engineers	Total Service Station, 244 Cabramatta Rd. Cabramatta	122338	1965	Premise Match	319m	North West
MOTOR GARAGES & ENGINEERS	Central Service Station, 244 Cabramatta Rd. CABRAMATTA	346853	1961	Premise Match	319m	North West
MOTOR GARAGES & ENGINEERS	Total Service Station, 244 Cabramatta Rd. CAMMERAY	348301	1961	Premise Match	319m	North West
MOTOR GARAGES &/OR ENGINEERS	Farrel Bros., 244 Cabramatta Rd., Cabramatta	83733	1950	Premise Match	319m	North West
MOTOR GARAGES &/OR ENGINEERS	Farrell Bros., 244 Cabramatta Rd., Cabramatta	83734	1950	Premise Match	319m	North West
Motor Garages & Engineers	Caltex Service Station, Cnr. Hill & Cabramatta Rds. Cabramatta	122329	1965	Road Intersection	449m	North West
Motor Service Stations - Petrol, Oil, Etc.	Caltex Service Station, Cnr. Hill & Cabramatta Rds. Cabramatta	125528	1965	Road Intersection	449m	North West
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Caltex Service Station,Cnr. Hill & Cabramatta Rds.CABRAMATTA	340936	1970	Road Intersection	450m	North West
MOTOR GARAGES & ENGINEERS(M6S6)	Caltex Service Station,Cnr. Hill & Cabramatta Rds.CABRAMATTA	337508	1970	Road Intersection	450m	North West

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

Historical Business Directories

Cabramatta Station to Hume Highway, Warwick Farm, NSW 2170 (Section 1)

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

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

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Amoco Cabramatta Service Station, Cabramatta Rd Cabramatta.2166.	55958	1982	Road Match	0m
MOTOR GARAGES & SERVICE STATIONS.	Amoco Cabramatta Service Station, Cabramatta Rd., Cabramatta.	63884	1986	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Amoco Service Station, Cabramatta Rd., Cabramatta.	49241	1978	Road Match	0m
MOTOR GARAGES & ENGINEERS	Brassington, M. R., Cabramatta Rd. CABRAMATTA	346719	1961	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS	Brassington, M. R., Cabramatta Rd., Cabramatta	83491	1950	Road Match	0m
MOTOR SERVICE STATIONS-PETROL, Etc.	Cooks Hill Service Station, Cabramatta Rd., Cabramatta	85891	1950	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS	Cooks HIM Service Station, Cabramatta Rd., Cabramatta	83623	1950	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS.	Esso Servicenter Cabramatta Rd., Cabramatta Heights.	58821	1975	Road Match	0m
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Griffiths, S. M., Cabramatta Rd. CABRAMATTA	350652	1961	Road Match	0m
MOTOR SERVICE STATIONS-PETROL, Etc.	Griffiths, S. M., Cabramatta Rd., Cabramatta	86015	1950	Road Match	0m
MOTOR GARAGES & ENGINEERS	Morrison, J. H., Railway Pde. Canley Vale	347745	1961	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS	Stanton, G. W., Cabramatta Rd., Cabramatta	84417	1950	Road Match	0m
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Total Service Station, Cabramatta Rd. CABRAMATTA	351191	1961	Road Match	0m
MOTOR GARAGES &/OR ENGINEERS.	Amoco Service Station, Cabramatta Rd., Cabramatta.	58333	1975	Road Match	13m
MOTOR GARAGES & ENGINEERS(M6S6)	Amoco Service Station,Cabramatta Rd.CABRAMATTA	337192	1970	Road Match	13m
MOTOR GARAGES & ENGINEERS(M6S6)	Bob's Auto Centre,Cabramatta Rd.CABRAMATTA	337328	1970	Road Match	13m
Motor Service Stations - Petrol, Oil, Etc.	Cabramatta Motorways, Cabramatta Rd. Cabramatta	125526	1965	Road Match	13m
MOTOR GARAGES & ENGINEERS(M6S6)	Cabramatta Motorways,Cabramatta Rd. West CABRAMATTA	337484	1970	Road Match	13m
MOTOR GARAGES & ENGINEERS(M6S6)	Esso Servicenter,Cabramatta Rd.,Cabramatta Heights	337767	1970	Road Match	13m
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Mt. Pritchard Service Station,Cabramatta Rd.CABRAMATTA	341355	1970	Road Match	13m
Motor Service Stations - Petrol, Oil, Etc.	Total Service Station, Cabramatta Rd. Cabramatta	125536	1965	Road Match	13m
MOTOR SERVICE STATIONS - PETROL, OIL	Total Service Station, Cabramatta Rd., Cabramatta.	61996	1975	Road Match	13m
MOTOR SERVICE STATIONS-PETROL,OIL,Etc. (M716)	Total Service Station,Cabramatta Rd.CABRAMATTA	341567	1970	Road Match	13m
MOTOR GARAGES &/OR ENGINEERS.	Country Service Station, John St., Cabramatta.	58715	1975	Road Match	100m
MOTOR GARAGES & ENGINEERS(M6S6)	Coventry Service Station,Johns St. CABRAMATTA	337629	1970	Road Match	100m

Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
Motor Garages & Service Stations	Esso Cabramatta Service Station John St, Cabramatta 2166	53714	1991	Road Match	100m
MOTOR GARAGES & SERVICE STATIONS.	Esso Cabramatta Service Station, John St., Cabramatta.	64613	1986	Road Match	100m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Esso Cabramatta Service Station, John St., Cabramatta. 2166.	56682	1982	Road Match	100m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Esso Servicenter, John St., Cabramatta.	49986	1978	Road Match	100m
MOTOR GARAGES & ENGINEERS(M6S6)	Golden Fleece Service Station,John St. CABRAMATTA	337908	1970	Road Match	100m
MOTOR GARAGES &/OR ENGINEERS.	Golden Fleece Service Station. John St., Cabramatta.	58947	1975	Road Match	100m
DRY CLEANERS, PRESSERS &/OR DYERS	Nu-Valet Arthur St., Cabramatta.	20899	1978	Road Match	151m
DRY CLEANERS, PRESSERS&/OR DYERS.	Nu-Valet Dry Cleaners, Park Rd., Cabramatta.	24251	1975	Road Match	175m
MOTOR GARAGES &/OR ENGINEERS.	Caltex Service Station, Hill Rd., Cabramatta.	58599	1975	Road Match	438m
MOTOR SERVICE STATIONS - PETROL, OIL	Caltex Service Station, Hill Rd., Cabramatta.	61610	1975	Road Match	438m
MOTOR GARAGES & SERVICE STATIONS.	Bobs Auto Centre, Hume H'way., Cabramatta.	64065	1986	Road Match	500m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Bobs Auto Centre, Hume H'Way., Cabramatta.	49426	1978	Road Match	500m
MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Bobs Auto Centre, Hume H'way., Cabramatta. 2166.	56138	1982	Road Match	500m
MOTOR SERVICE STATIONS - PETROL, OIL	Bob's Auto Centre. Hume H'way. Cabramatta.	61445	1975	Road Match	500m
Motor Garages & Engineers	Cabramatta Motors, 282-284 Hume Hghwy. Cabramatta	122330	1965	Road Match	500m
MOTOR SERVICE STATIONS- PETROL, Etc.	Geoghegan, T., Hume Hghwy., Lansvale	85988	1950	Road Match	500m
MOTOR GARAGES &/OR ENGINEERS.	Golden Fleece Lansvale, Hume H'way, Cabramatta.	58932	1975	Road Match	500m
Motor Service Stations - Petrol, Oil, Etc.	Golden Fleece Service Station, Hume Hghwy. Cabramatta	125532	1965	Road Match	500m
MOTOR GARAGES &/OR ENGINEERS.	Golden Fleece Service Station, Hume H'Way, Lansvale.	58935	1975	Road Match	500m
MOTOR GARAGES & ENGINEERS(M6S6)	Golden Fleece Service Station,Hume Highway.LANSVALE	337907	1970	Road Match	500m
MOTOR SERVICE STATIONS - PETROL, OIL	Lansdowne Auto Diner 66 Hume H'Way, Lansvale.	61843	1975	Road Match	500m
MOTOR GARAGES & ENGINEERS	Lansvale Auto Port, Hume Hghwy. Lansvale	347547	1961	Road Match	500m
MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Yellow House, Hume Hghwy. Lansvale	351320	1961	Road Match	500m

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