

Preliminary Site Investigation: 481-487 Swift Street, Albury, New South Wales

Prepared for: Joss Construction

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## Distribution

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13 November 2023

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# 1. Introduction

## 1.1. Background

Joss Construction (Joss) commissioned Jones Environmental Consulting Pty Ltd (JEC) to conduct a preliminary site investigation (PSI) at a site located at 481-487 Swift Street, Albury, New South Wales also known as Lot 1 DP 912511 and Lot 20 DP780123 (the site). JEC understands that these works were required to investigate the potential for contamination to exist at the site from past and present activities and provide recommendations for further detailed investigation, if appropriate.

From information provided by Joss it is understood that the site is proposed to be developed for residential purposes and a preliminary site investigation is required in line with State Environmental Planning Policy (Resilience and Hazards) 2021 and Councils Contaminated Land Policy.

It is understood that Joss have proposed the demolition of the existing structures and the construction of a new seven-story residential apartment building at 481-487 Swift Street, Albury, including a proposed underground carpark.

The site location is shown in Figure 1 (Appendix A).

## 2. Assessment approach

The below scope of works has been completed in general accordance NEPC (2013) National Environment Protection (Assessment of Site Contamination) Amendment Measure (No. 1) 1999 as amended in 2013 (ASC NEPM).

### 2.1. Preliminary Site Investigation (PSI)

The desktop study undertaken for the site included the review of the following (where readily available):

- Selected historical aerial photographs.
- EPA Priority Sites Register (PSR) for the site and surrounds.
- Previous environmental audit reports for nearby sites.
- Available land title records.
- Groundwater database search.
- Publicly available records comprising topographic, geological and hydrogeological maps.

As part of the PSI, a site walkover was carried out, making observations on the following:

- Site processes and activities.
- Evidence of current or former underground and aboveground storage tanks.
- Evidence of staining and spills.
- Presence of wastes and fill material.
- Odours that may be indicative of site contamination.
- Chemical storage or use.
- Observation of existing buildings or structures regarding the potential for particularly asbestos containing materials or lead paint to have contributed to site contamination.
- Signs of vegetation stress.
- Preparation of a photographic record of observations made during the site walkover.

## 3. Site setting

### 3.1. Site Information

The site is located within the CBD of Albury, New South Wales. The site consists of two lots totalling approximately 0.2 hectares in area as shown on Figure 2.

A site walkover was undertaken on 12 October 2023 by a JEC Environmental Scientist. The main features observed during the site walkover and information obtained during discussions are summarised below.

Details of the site setting are provided in Table 3.1 below.

Table 3-1: Site Identification

Location:	Lot 1 DP 912511 and Lot 20 DP78012, Albury, New South Wales
Area:	Site Total: 0.2 ha
Current Zoning:	Commercial Centre (E2)
Current Site Use:	Commercial/Residential
Proposed Site Use:	Residential
Current Adjoining Site Uses:	North – Swift Street, beyond commercial East – Commercial South – Commercial West – Arnolds Lane, beyond commercial

### 3.2. Site Description

A site inspection was conducted by JEC on 12 October 2023. The observations of the site inspection are detailed below with the site feature layout illustrated in Figure 2. Selected photographs taken during the site walkover have been included below. At the time of the site walkover the site consisted of three dwellings, 481-487 Swift Street, Albury (see Photograph A-C).

#### 481 Swift Street

- 481 Swift Street is the easternmost dwelling on the site. The dwelling is red brick construction in a dilapidated condition.
- The dwelling was vacant at the time of the site walkover.
- A gravel driveway is located on the western side of the dwelling providing access to the rear yard (see Photograph J)
- A lean-to was observed within the rear yard in which building material was observed to be stored (see Photograph H).
- The rear yard surface is covered in grass (see Photograph H).
- Building material including bricks and internal window frames were observed to be stored under the lean-to as well as along the south eastern boundary fence (see Photograph K).
- No vegetation stress was observed.
- No staining or odour was observed during the site walkover.
- No asbestos containing material was observed during the site walkover.

#### 485 Swift Street

- 485 Swift Street is a red brick dwelling in a well-maintained condition.
- At the time of the site walkover the site was operating as a commercial agri-business.
- A concreted driveway was located to the west of building with the rear of 485 and 487 Swift Street concreted and utilised as a carpark (see Photographs E and G).
- The front garden was grassed with a well-established garden. No vegetation stress was observed.
- No asbestos containing material was observed during the site walkover.
- No staining or odour was observed during the site walkover.

#### 487 Swift Street

- 487 Swift Street is the western most dwelling on the site. The dwelling is a weatherboard dwelling in a dilapidated condition.
- The exterior paint on the exterior weatherboards was in poor condition (see Photographs D and F).
- The rear of the property was concreted forming a carpark with 485 Swift Street (see Photographs G).
- The front and western side of the property were grassed (see Photographs C and L).
- No vegetation stress was observed.
- No asbestos containing material was observed during the site walkover.
- No staining or odour was observed during the site walkover.



Photograph A: Looking south at 481 Swift Street, Albury.



Photograph B: Looking south west at 485 Swift Street, Albury.



Photograph C: Looking south at 487 Swift Street, Albury.



Photograph D: Looking south-east at the western exterior wall of 487 Swift Street, Albury.



Photograph E: Looking north across the carpark area at 485 Swift Street, Albury.



Photograph F: Looking north at the eastern exterior wall of 481 Swift Street, Albury.





Photograph G: Looking east across the carpark area of 485 and 487 Swift Street, Albury.



Photograph H: Looking towards the lean-to located on the eastern boundary of 481 Swift Street, Albury.



Photograph I: Looking east across the front yard of 481 Swift Street, Albury.



Photograph J: Looking south-east at the western exterior wall of 487 Swift Street, Albury.



Photograph K: Building material stored in south eastern boundary of site.



Photograph L: Looking north along the western boundary of 487 Swift Street, Albury.



## 4. Site History

### 4.1. Sources of information

A desktop review for the proposed development area was undertaken to assist in identifying potential sources of contamination in the vicinity of the site. The investigation included a review of the following:

- Local geological and topographical maps.
- Interview with current owner.
- Contaminated land records and environmental protection licence information in the public registers held by the NSW Environment Protection Authority (EPA).
- A review of available historical and current aerial photographs.
- Historical and current title searches (where available).

### 4.2. Geology

Review of the New South Wales Seamless Geology map indicates that the site features alluvial floodplain deposits, likely formed during the Quaternary period, consistent with the deposition and accumulation of materials in a swamp or wetland environment. These deposits consist primarily of silt, a diverse range of sand grains (ranging from very fine to medium grained) rich in lithic fragments and quartz, as well as clay.

### 4.3. Hydrology and Hydrogeology

Bungambrawatha Creek is located 735m to the west of the site which discharges the Murray River, located 1.2 km southwest from the site. The likely regional groundwater flow direction is expected to be to the south west. Groundwater is expected to be between 5 to 10 metres below ground surface (bgs) underlying the site.

Information sourced from the NSW Department of Primary Industries – Office of Water was obtained on registered bores within a 1km radius of the site of which one was identified. The details are summarised in Table 4.1 below.

Table 4-1: Summary of groundwater database search

Bore ID	Distance from site	Bore Depth (m)	Use
GW503816	~544 m south	40	Industrial   Commercial
GW503720	~660 m south east	8 (SWL 5.4 m)	Monitoring bore
GW505413	~415 m south east	7.5	Monitoring bore, Test bore
GW503354	~ 619 m north east	10 (SWL 7.6 m)	Monitoring bore
GW504435	~ 642 m south west	19.5 (SWL 2.5 m)	Monitoring bore

## 4.4. Previous environmental reports

A Heritage Impact Statement (HIS), ref: P0044190 dated 14 June 2023, was supplied to JEC by Joss prepared and by Urbis for 481-487 Swift Street, Albury. The subject site consists of three dwellings, two of which are heritage-listed, and it is located in the vicinity of Heritage Conservation Areas and other heritage items.

The HIS assesses the heritage impacts of the proposed works on the subject site, including the demolition of the two heritage-listed buildings, as well as potential impacts on surrounding heritage items and conservation areas. The key findings and recommendations are as follows:

- Demolition of two listed heritage items is considered acceptable due to several factors, including a detailed assessment of significance, historical research, and the need to address Albury's housing demands.
- The site's historic setting is eroded compared to nearby well-preserved heritage areas, and it features yards with limited landscaping, contributing minimally to the streetscape.
- 481 Swift Street is not locally listed, and demolition of this building is acceptable.
- The dwelling at 485 Swift Street does not meet the threshold of local significance, as it is not associated with the key development period of Albury. Additionally, historical research and comparative analysis show that similar examples exist in the area.
- The dwelling at 487 Swift Street, while previously significant, is severely deteriorated and structurally unsound. Extensive reconstruction would be required to make it habitable, making its demolition acceptable.
- The proposed seven-story residential apartment building is considered acceptable from a heritage perspective, as it would not physically impact vicinity heritage items or conservation areas. Its design and scale are sympathetic to the context, and it would not obstruct significant views or dominate the streetscape.

Recommendations include amending the Albury Local Environmental Plan to remove heritage listings following demolition, conducting a photographic archival recording, and preparing a Heritage Interpretation Strategy for the site.

## 4.5. Contaminated Land & Waste Management Facilities

A search of NSW EPA records provided the below details:

- There are nine sites on the current NSW EPA Contaminated Land list within a 1km radius of the site.
  - 515 Young Street – Service Station
  - 514 - 526 Young St – Rail land/fuel depot
  - Corner Smollett and Townsend Street – Former Service Station
  - 465 Guinea Street - Service Station
  - 441 Kiewa Street – Gasworks
  - 448 and 452 Young Street – Fuel depot
  - 616 - 624 Young Street – Service Station
  - 1 Railway Place – Fuel Depot
  - Corner Creek and Dean Street – Fuel depot
- Two records of contaminated land notices within a 1km buffer of the site:
  - 441 Kiewa Street – Gasworks
  - 616 - 624 Young Street – Service Station

One record of an EPA Clean Up Notice within a 1km buffer of the site:

- 624 Young Street, Albury – fuel leak
- One record of a former gasworks within a 1km buffer.
  - 441 Kiewa Street – Gasworks
- No listed national waste management site database within 1km of the site.
- Four listed liquid fuel facilities within 1 km of the site:
  - 519 Young Street – located 346 m east of the site.
  - 465 Guinea Street – located 445 m north of the site.
  - 624 Young Street – located 636 m north east of the site.
  - 672 Dean Street – located 709 m west of the site.
- No sites being investigated by the EPA for per-and polyfluoroalkyl substances (PFAS) contamination within a 1 km radius of the site.
- One licensed activity under the Protection of the Environmental Operations Act 1997 within the 1km buffer of the site:
  - Australian Rail Track Corporation Limited: Railway system activities – located 514 m east of the site.
- No delicensed activities still regulated by the EPA within a 1km buffer of the site.
- One site which formerly carried out activities under the Protection of the Environmental Operations Act 1997 within 1km of the site:
  - Allied Mills Pty Ltd: 570 Young Street, Albury – general agricultural processing – 457 m east of the site.

## 4.6. Aerial photography

Twelve aerial photographs were obtained between 1949 - 2023. Aerial photographs are presented in Appendix C and observations relevant to the site and surroundings are provided in Table 4.2.

Table 4-2: Observations from aerial photographs covering the site

Date	Observations
1949	<div>Site</div> <div>Three residential swellings are shown within the site. The yards appear to be grasses with several trees shown along the western and south eastern boundary of the site. There appears to be a structure in the south western section of the site.</div>
	<div>Surrounds</div> <div>A laneway is shown to the west of the site with commercial properties to the south east and west. Beyond Swift street to the north appear to be a mix of commercial/residential dwellings.</div>
1959	<div>Site</div> <div>The resolution of the photograph is not clear however there does not appear to have been any significant change on site.</div>
	<div>Surrounds</div> <div>Offsite remains relatively unchanged.</div>
1969	<div>Site</div> <div>The site remains relatively unchanged.</div>
	<div>Surrounds</div> <div>Offsite remains relatively unchanged.</div>
1975	<div>Site</div> <div>The site remains relatively unchanged.</div>
	<div>Surrounds</div> <div>A large commercial shopping complex has been constructed to the south and west of the site. The remainder of offsite surrounds appears to be relatively unchanged. There also appears to have been some commercial development to the north of the site with a large carpark shown north of the site.</div>
1982	<div>Site</div> <div>The residence structure observed within the south western section of the site is no longer visible on site.</div>
	<div>Surrounds</div> <div>Offsite remains relatively unchanged.</div>
1991	<div>Site</div> <div>Three residential swellings are shown within the site. The yards appear to be grasses with several trees shown along the western and south eastern boundary of the site. There appears to be a structure in the south western section of the site.</div>
	<div>Surrounds</div> <div>There appear to have been further development to the west of the site with more commercial structures constructed.</div>
2003	<div>Site</div> <div>Trees shown previously in the south eastern section of the site are no longer shown on site.</div>
	<div>Surrounds</div> <div>No significant development is shown surrounding the site.</div>
2009	<div>Site</div> <div>The rear of the two most western dwellings on site has been concreted with a concrete driveway constructed between the two western dwellings. Further trees have been removed from the site's western boundary.</div>
	<div>Surrounds</div> <div>No significant development is shown surrounding the site.</div>
2013	<div>Site</div> <div>The site remains relatively unchanged.</div>
	<div>Surrounds</div> <div>Offsite remains relatively unchanged.</div>
2018	<div>Site</div> <div>The site remains relatively unchanged.</div>
	<div>Surrounds</div> <div>Offsite remains relatively unchanged.</div>
2020	<div>Site</div> <div>The site remains relatively unchanged.</div>
	<div>Surrounds</div> <div>Offsite remains relatively unchanged.</div>
2023	<div>Site</div> <div>The site remains relatively unchanged.</div>
	<div>Surrounds</div> <div>Offsite remains relatively unchanged.</div>

## 4.7. Titles Search

A Certificate of Title search for the site was conducted by Advance Legal Searches Pty Ltd on Lot 1 DP912511 and Lot 20 780123. Relevant site ownership information is presented below in Table 4.3 (Lot 1 DP912511) and Table 4.3 (Lot 20 SP780123) and in Appendix C.

Table 4-3: Historic titles search summary Lot 1 DP912511

Name	Year
<b>Lot 1 DP912511</b>	
481 Swift Street Pty Ltd (ACN 654 611 140)	2021 - todate
Audrey Angela Hopkins	2020 - 2021
Amien Allan Abikhair, shopkeeper	1990 - 2020
<b>(Part Allotment 20 Section 24 Town Albury – Area 24 ¼ Perches – CTVol 1030 Fol 159)</b>	
Amien Allan Abikhair, shopkeeper	1980 - 1990
Shefia Abikhair, widow	1954 - 1980
Mary Adeline Dallinger, married woman	1954
Dorothy Margaret Webster, married woman	
Henry Adams, grazier	1937 - 1954
Bessie Bernice Pervin, wife of Sidney Theodore Pervin, farmer	1931 - 1937
John Henry Berry, carpenter	1891 - 1931

Table 4-4: Historic titles search summary Lot 20 DP780123

Name	Year
<b>Lot 20 DP780123</b>	
481 Swift Street Pty Ltd (ACN 654 611 140)	2021 - todate
Audrey Angela Hopkins	2020 - 2021
Allan Douglas Abikhair	2001 - 2020
Allan Douglas Abikhair	1998 - 2001
Amien Allan Abikhair	
Walter Saad Abikhair	1990 - 1998
Amien Allan Abikhair	
<i>(various leases shown on Historical Folio 20/780123 (attached))</i>	1990
<b>(Part Allotment 20 Section 24 Town Albury – Area 1 Rood 15 ¾ Perches – CTVol 1031 Fol 28)</b>	
Walter Saad Abikhair	1988 - 1990
Amien Allan Abikhair	
Walter Saad Abikhair	1987 - 1988
Thelma Abikhair, shopkeeper	1980 - 1987

Name	Year
Saad Abikhair, draper	1927 - 1980
Reginald Joseph Day, builder	1925 - 1927
Eliza Morgan, wife of Frederick William Morgan	
William Day	1908 - 1925
James Kavanagh, gentleman	1908
Charles Joseph McDonell, solicitor	
George Day, member of the legislative council	1891 -1908

## 4.8. Summary of Site History

The site currently consists of three dwellings, two of which are vacant and in dilapidated condition and another which has been maintained in a good condition and occupied with a commercial business. The ground surface appeared generally flat, with the front yards and rear yard of 481 Swift Street covered with lawn, the rear of 485-487 Swift Street were covered in concrete. The entire site is securely fenced along all boundaries.

There was no evidence of underground storage tanks were found. Additionally, fill was encountered across the site in all soil bores to a maximum depth of 0.9 mbgs. Bricks and ash were encountered within fill in soil bores SB1 and SB4. No soil staining, odours, or stressed vegetation were noted during the inspection.

Based on the historical information reviewed, the site had a history of residential use between 1890 to present times with commercial uses (physiotherapy and agri-business) occurring in more recent times.

A review of historical aerial photographs showed that the site has remained generally unchanged since the 1940s through to present times.

A search of the EPA contaminated sites database identified several sites listed and potentially contaminated sites, within a 1km radius of the site. However, given the location, groundwater flow direction and distance from the subject site these potential sources are considered to be a low risk and unlikely to pose a risk to future site users.

In summary, the site was previously utilized for a mix of residential and commercial purposes since the 1890s and has remained relatively unchanged over this period.

Table 4.5 below summarizes these activities as well as potential sources and associated potential contamination (see Figure 3).

Table 4-5: Areas of Environmental Concern (AEC)

AEC	Potentially Contaminating Activities	Area of Concern	Contaminants of potential concern
On-site			
1	General maintenance use of pesticides to control pests	Shallow soils on site	Heavy metals, organochlorine pesticides (OCP) and organophosphorus (OPP)
2	Potential weather hazardous building material present from former site structure.	Shallow soils on site	Asbestos, lead, and zinc.
3	Potential fill imported to site/buried waste	Entire site	Asbestos, Heavy metals, Total recoverable hydrocarbons (TRH), benzene, toluene, ethylbenzene, xylene (BTEX), polycyclic aromatic hydrocarbons (PAHs)
Off-site			
4	Potential migration from general maintenance use of pesticides to control pests	Shallow soils on site	Heavy metals, organochlorine pesticides OCP and OPP
5	Potential migration of weather hazardous building material from former site structure.	Shallow soils on site	Asbestos, lead, and zinc.
6	Potential for contamination from commercial processes such as re-fuelling and repair of vehicles and machinery on surrounding site.	Entire site	Asbestos, Heavy metals, TRH, BTEX, PAHs, OCP and OPP

5. Preliminary Conceptual Site Model

Based on the information reviewed as part of the site history review a preliminary conceptual site model (PCSM) has been developed. A PCSM is a representation of site related information regarding contamination sources, receptors and exposure pathways between those sources and receptors.

Based on the past uses, it is considered that there is potential for contamination is to be present at the site. The areas of environmental concern identified at the site that pose a risk of soil contamination to be present as a result of past activities include, general maintenance uses of pesticides to control pests, potential fill imported to site/buried waste, and potential hazardous building material from site structures (See Figure 3).

If elevated concentrations of contaminants are present in these areas, then they could present a potential health risk to future site users (through dermal contact, ingestion, or inhalation of contaminated soils and/or vapours), or to ecological receptors, if not adequately removed as part of the site redevelopment works. A summary is provided in Table 5.1 below.

Table 5-1: Preliminary Conceptual Site Model

AEC	Potentially contaminating activities	Area of concern	Likelihood of potential contamination	Contaminants of potential concern	Key potential receptors/exposure pathways
On-site					
1	General maintenance use of pesticides to control pests	Shallow soils on site	Low to moderate	Heavy metals, OCP/OPP	Future residents   construction workers and terrestrial ecosystems from inhalation of dust, ingestion of soil and dermal contact
2	Potential weather hazardous building material present from former site structure.	Shallow soils on site	High	Asbestos, lead, and zinc.	Future residents   construction workers from inhalation of dust, vapours and asbestos fibres, ingestion of soil and dermal contact
3	Potential fill imported to site/buried waste	Entire site	Moderate	Asbestos, Heavy metals, TRH, BTEX, PAHs	Future residents   construction workers from inhalation of dust, vapours and asbestos fibres, ingestion of soil and dermal contact
Off-site					
4	Potential migration from general maintenance use of pesticides to control pests	Shallow soils on site	Moderate	Heavy metals, organochlorine pesticides (OCP) and organophosphorus (OPP)	Future residents   construction workers and terrestrial ecosystems from inhalation of dust, ingestion of soil and dermal contact
5	Potential migration of weather hazardous building material from former site structure.	Shallow soils on site	Moderate	Asbestos, lead, and zinc.	Future residents   construction workers from inhalation of dust, vapours and asbestos fibres, ingestion of soil and dermal contact
6	Potential for contamination from commercial processes such as re-fuelling and repair of vehicles and machinery on surrounding site.	Entire site	Low	Asbestos, Heavy metals, TRH, BTEX, PAHs, OCP and OPP	Future residents   construction workers from inhalation of dust, vapours, and ingestion of soil and dermal contact



## 6. Adopted criteria

### 6.1 Soil Investigation Criteria

The soil investigation levels (SILs) presented in the following reference are the primary criteria used in NSW when setting acceptance criteria for chemical contaminants in soil:

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

#### 6.1.1 Health Investigation and Screening Levels

For assessing contamination levels in soil in urban settings, the ASC NEPM presents health-based investigation levels (HILs) and health screening levels (HSLs) for different land uses (e.g., industrial/commercial, residential, recreational etc). The current zoning of the site is for Commercial Central (E2). Based on information provided it is understood that the site is proposed to be utilised for high density residential uses. On this basis the most sensitive relevant SILs have been adopted for use in this assessment for chemical concentration screening purposes, namely those relevant for residential use with no access to garden soils.

The HILs and HSLs are summarised in Table 6.1 and Table 6.2 respectively.

Table 6-1: Summary of HILs in Soil

Analyte	^HILs for Residential Land Use (mg/kg) HIL B
Arsenic	500
Beryllium	90
Boron	40,000
Cadmium	150
Chromium	500
Cobalt	600
Copper	30,000
Lead	1,200
Manganese	14,000
Mercury	120
Nickel	1,200
Selenium	1,400
Zinc	60,000
Aldrin + Dieldrin	10
Chlordane	90
DDT+DDE+DDD	600

Analyte	^HILs for Residential Land Use (mg/kg) HIL B
Endosulfan	400
Endrin	20
Heptachlor	10
Methoxychlor	500
Chlorpyrifos	340
PAHs (sum of total)	400
PCBs	1

Table 6-2: Summary of HSLs in Soil

Analyte	CRC HSL-B for Residential Land Use (mg/kg) HIL B	Soil HSL A/B for Vapour Intrusion (Clay)
		0 m to <1m   1m to <2m   2m to <4m   4m+
Toluene	21,000	480 NL NL NL
Ethylbenzene	5,900	55 NL NL NL
Xylene		110 310 NL NL
Naphthalene	2,200	5 NL NL NL
Benzene	140	0.7 1 2 3
TRH (C <sub>6</sub> -C <sub>10</sub> ) F1		50 90 150 290
TRH (C <sub>10</sub> -C <sub>16</sub> ) F2		280 NL NL NL

## 6.1.2 Ecological Investigation Levels

The protection of Ecosystems is assessed with reference to the Ecological Investigation Levels (EILs) for metals and Ecological Screening Levels (ESLs) for petroleum hydrocarbons provided in Schedule B1 of the *National Environmental Protection (Assessment of Site Contamination) Measure 1999, as amended in 2013* (NEPM, 2013). In the first instance, analytical data would be compared to NEPM (2013) EILs and ESLs.

These guidelines provide a range of site uses including areas of ecological significance, urban residential/public open space and commercial/industrial.

The EILs and ESLs are summarised in Table 6.3 and Table 6.4 respectively.

Table 6-3: Summary of EILs in Soil

Analyte	^EILs for Urban Res & Public Open Space (mg/kg)
Arsenic	100
Copper	60
Lead	1100
Nickel	30
DDT	180
Zinc	70
Naphthalene	170

^EILs based on a pH of 4.0, CEC of 5 meq/100g, clay soils.

Table 6-4: Summary of ESLs in Soil

Analyte	^ESLs for Urban Res & Public Open Space (mg/kg)
Benzene	65
Toluene	105
Ethylbenzene	125
Xylene Total	45
TRH (C <sub>6</sub> -C <sub>10</sub> ) F1 minus BTEX	180
TRH (C <sub>10</sub> -C <sub>16</sub> )	120
TRH (C <sub>10</sub> -C <sub>16</sub> ) F2 minus naphthalene	120
TRH (C <sub>16</sub> -C <sub>34</sub> )	1,300
TRH (C <sub>34</sub> -C <sub>40</sub> )	5,600
Benzo(a)pyrene	0.7

^ESLs based on a fine soil texture.

## 7. Data Quality Objectives

The data quality objectives (DQO) for this project have been developed on the seven-step process outlined in NEPM 2013.

The seven-step DQO process adopted for this assessment is provided below:

### Step 1: State the Problem

The primary objective is to determine, from a contamination point of view, if the land is suitable to be developed for residential land use in accordance with the requirements of State Environmental Planning Policy (Resilience and Hazards) 2021.

The main problems are:

- Is contamination associated with the past use a risk to human health and/or the environment in a residential sensitive setting?
- Is the site considered suitable for sensitive land use due to possible historical contaminating activities on site?

### Step 2: Identify the Decision

- Do chemical concentrations in soil samples comply with the stated the adopted criteria?

### Step 3: Identify Inputs to the Decision

The primary inputs to assessing the above include:

- Systematic soil sampling and representative analysis of identified chemicals of potential concern (COPC) at the site.
- Determination of the general concentrations of COPC across the site.
- Interpretation of the analytical data.
- Identifying current and future potential receptors and the likelihood of exposure to unacceptable levels of contamination both on and off the site.

### Step 4: Define the Study Boundaries

The lateral study boundaries for soil are defined by the boundaries of the site as shown in Figure 2.

The vertical study boundaries are defined by the depth of soil bores drill on the site.

### Step 5: Develop a Decision Rule

The decision rule for soil for each chemical/layer to assess the suitability of the site will be as follows:

- QA/QC assessment indicates that the data is usable;
- Where contaminant concentrations for each sample are below the adopted investigation levels, then no further assessment is required with respect to that chemical/media/area; and
- Where contaminant concentrations are reported to exceed the adopted investigation levels, then additional investigation or site-specific risk assessment may be required, followed by remediation of the site to the extent practicable where the risk has been shown to be unacceptable. If the impact cannot be removed, further human health risk assessment and/ or management controls will be identified to address the residual impact.

#### Step 6: Specify Limits on Decision Errors

There are two types of decision errors:

- Sampling errors, which occur when the samples collected are not representative of the conditions within the investigation area; and
- Measurement errors, which occur during sample collection, handling, preparation, analysis and data reduction.

The null hypothesis for this study is:

1) Contaminant concentrations within the soil beneath the site are less than the adopted investigation levels.

These errors may lead the decision maker to make the following errors:

- Deciding that the soil is not contaminated and, therefore, the site is suitable for sensitive use when the reverse is true; and
- Deciding that the soil is contaminated and, therefore, the site is not suitable for sensitive use when the reverse is true; and
- An assessment was made as to the likelihood of a decision error being made based on the results of a QA/QC assessment and the closeness of the data to assessment criteria. Additionally, statistical methods could be utilised, where applicable, such as 95% Upper Confidence Limit (UCL) calculations,

The investigation levels for assessment are nominated in Section 6 of this report.

#### Step 7: Optimise the Design for Obtaining Data

Based on the previous Steps 1 to 6 of the DQO process, the optimal design for obtaining the required data is presented in the following sections.

## 8. Sampling Analysis and Quality Plan

A total of five soil bores and three surface samples were drilled at the site targeting identified areas of concern as summarised in Table 8.1 below.

Table 8-1: Sampling Location Rationale

Sample Location	Rationale
SB1 – SB5	Targeting building weathered material   general agricultural uses   potential fill/buried waste
SS1 – SS3	Targeting building weathered material   general agricultural uses   potential fill/buried waste

### 8.1. Analytical Suite

Samples were analysed for the following analytical suite, based on the identified contaminants of concern.

Laboratory analyses were carried out by NATA accredited laboratories as follows:

- Primary laboratory: ALS at Springvale, VIC
- Secondary laboratory: Eurofins at Oakleigh, VIC.

A selection of primary soil samples was submitted for laboratory analysis for a suite of contaminants of potential concern as summarised in Table 8.2.

Table 8-2: Summary of Analysis

Analyte	Number of Soil Samples Analysed
Metals	17 soil samples
Organochlorine Pesticides	11 soil samples
Organophosphorus Pesticides	11 soil samples
TRH	5 soil samples
BTEXN	5 soil samples
PAH	5 soil samples
Asbestos	3 soil samples

## 9. Assessment Methodology

The details of the assessment methodology are summarised in Table 9.1 below.

Table 9-1: Soil Sampling Methodology

Activity	Details
Date of Fieldwork	Fieldwork was undertaken on the 12 October 2023.
Test Locations	<p>Sampling locations are shown in Figure 3.</p> <p>Soil Bores: SB1 – SB5</p> <p>Surface samples: SS1 – SS3</p>
Soil Sampling	<p>Surface samples (SS1-SS3) were collected using a hand trowel. A ute mounted drilling rig was used to collect samples from each of the sampling locations from the surface, 0.5 m bgs, 1.0 m bgs, 2.0 m bgs, 3.0 m bgs and 3.5 m bgs.</p> <p>Soil samples were collected and sealed into 250 mL glass soil sampling jars provided by the laboratory. A clean pair of disposable nitrile gloves was used for each sample. All sample containers were uniquely labelled, placed in eskies with ice packs and dispatched for analysis to ALS under standard chain of custody documentation procedures.</p> <p>Between each sampling location, the hand-auger was decontaminated using Decon90 and rinsate water in a triple rinse procedure to remove any residual material left behind from the previous sample location and to minimise cross contamination.</p>
Soil Logging	<p>Soil logging was carried out in general accordance with JECs relevant SOP and the United Soil Classification System (USCS) by a suitably qualified and experienced environmental scientist.</p> <p>Soil sample descriptions and borehole logs are presented in Appendix D.</p>
Soil Screening	<p>A portion of each soil sample was placed inside a sealed plastic bag for soil screening in the field for Volatile Organic Compounds (VOCs) using a Photo-ionisation Detector (PID).</p> <p>The PID was calibrated at the start of each day to 100 ppm isobutylene calibration gas. The calibration certificate is included in Appendix E.</p> <p>The PID readings, together with other field observations, were used to assess which samples should be analysed for volatile contaminants.</p>
QA/QC Samples	<p>To measure the accuracy and precision of the data generated by the field and laboratory procedures carried out in this assessment, JEC collected and analysed the following QA/QC samples:</p> <p>Soil Sampling Program</p> <ul style="list-style-type: none"> <li>• One intra-laboratory and one inter-laboratory replicate soil sample which were submitted to the primary and secondary laboratory respectively for analysis for metals;</li> <li>• One field blank sample was submitted to the primary laboratory for the analysis of metals to assess whether any contamination may have been introduced to the samples due to cross contamination of field equipment.</li> <li>• One trip blank sample was submitted to the primary laboratory for analysis for a TRH C6-C10 and BTEXN to assess whether contamination may have been introduced to samples during transportation to the laboratory.</li> </ul>

### 9.1.1 Encountered Geology

During the soil investigation, the subsurface lithology was found to consist of a fill layer consisting of dark brown silty clay overlying a brown/orange sandy clay. Beneath these layers, a light brown clayey sand layer was observed. All sampling locations reached a depth of 3.5 meters below ground surface (bgs). Throughout the investigation, no hydrocarbon odours or staining were detected. For detailed information on the soil profiles, please refer to Appendix D, which contains the soil logs.

## 10. Quality Assurance/Quality Control (QA/QC)

Work on this project was completed in accordance with standard JEC QA/QC procedures, NSW EPA Sampling design guidelines and NEPM Schedule B(2) "Assessment of Site Contamination". A detailed discussion of the data validation is included in Appendix G.

JEC has completed a review of the quality assurance steps and quality control results, including holding times, laboratory accreditation, sample preservation methods and a review of field and laboratory quality control sample results.

Based on the field and laboratory QC results, it is considered that the field and laboratory programs have provided acceptable QA/QC results and that the results of the sampling and analysis program are sufficiently reliable.

## 11. Field Observations and Analytical Results

The following provides a summary of the results of the fieldwork and laboratory analysis of soil samples collected from the site.

### 11.1. Field Observations

A consistent layer of fill was encountered in each soil bore on site ranging between 0.5 m bgs - 0.9 m in depth.

Fragments of red brick and charcoal were encountered in SB1 and SB4.

No asbestos containing material was observed during the walkover and fieldworks on site.

### 11.2. Field Screening

All soil samples collected during the fieldwork were screened in the field using a PID for the presence of VOCs. PID results all soils samples are presented in Appendix D.

All PID readings for soil samples collected from hand auger locations drilled were recorded at <0.1 ppm indicating low concentrations of volatile hydrocarbons in the samples. There was no observed staining of soils or noted hydrocarbon odours encountered during the soil investigation on site.

### 11.3. Soil Results

Analytical results from the soil sampling programs conducted as part of this investigation are included in Table 1 and 2A-2B following this report with laboratory analytical reports provided in Appendix F.

All soil samples recorded analytical concentrations of COPC below the human health and ecological adopted criteria for the proposed high density residential use with the exception soil samples:

- SB2\_0.0-0.2, SB0.5-0.7, SB3\_0.0-0.2, SB4\_0.0-0.2, SS1, SS2 and SS3 which exceeded ecological investigation levels for concentrations of zinc.
- SS2 which also exceeded ecological investigation levels for concentrations of lead.



- SB3\_0.0-0.2 which exceeded ecological screening levels for concentrations of benzo(a)pyrene).

Additionally, the analytical results of the soils were compared against the NSW Waste classification guidelines criteria. The preliminary waste classification results are summarised in Table 2A-2B.

The analytical results reported concentrations exceeding restricted solid waste values.

## 12. Conclusion and Recommendations

The results of the Preliminary Site Investigation (PSI) undertaken at the site indicate that the site was utilised for residential uses beginning from the early 1890s with one dwelling used as for commercial uses including agri-business commercial uses and use as a physiotherapy clinic in more recent times.

The potential for significant and/or widespread contamination arising from historical land use activities is considered to range between low to high.

The following areas of potential concern were identified as:

- General maintenance use of pesticides to control pests .
- General agricultural with application of fertilisers.
- Potential weather hazardous building material present from former site structure.
- Potential fill imported to site/buried waste on site.
- Offsite service stations.

The potential chemicals associated with these identified AEC include OCP, OPP and heavy metals, herbicides, pesticides, TRH, BTEX, PAHs and asbestos.

A layer of fill material (terminating between 0.5-0.9 m bgs) was encountered on site within all soil bores. Bricks and ash were observed within the fill material in two locations.

The soil investigation undertaken indicated levels of chemical of potential concern within the soil samples analysed were below the adopted risk screening criteria for both human health for a high density residential site with several samples exceeding the adopted criteria for the protection of ecological health for lead, zinc, and benzo(a)pyrene.

It is likely the elevated metals within the shallow soils on site were all within fill material and are associated with the weathering of the site buildings will the elevated concentration of benzo(a)pyrene is likely associated with the presence of ash within the fill of SB1.

A preliminary waste classification also identified lead concentrations exceeding restricted solid waste criteria. However, given the source of the lead within the shallow soils is associated with the site residential premises the impacted soils would be pre-classified as General Solid Waste in accordance with NSW Waste Classification Guidelines.

It is understood that the footprint of the site will be excavated to a depth of 3.5 mbgs to allow for the construction of a basement carpark. This will result in the removal of the identified contamination within the fill material on site with the remaining natural material is not considered to be an unacceptable risk to the receptors related to the proposed site use.

Based on the findings of the PSI, JEC recommends that a more detailed site investigation is required following the demolition of the site dwellings to determine the extent of elevated metal and benzo(a)pyrene concentrations within the fill material on site. This will allow for the appropriate sampling frequency to meet EPA waste classification requirements as well as assist in developing an appropriate soil management plan in the disposal of the impacted material to a facility licenced to receive such waste.

As with any assessment it is possible that not all contamination issues at the site have been identified and, as such, it is considered important that potential developers adopt best practice.

Should any materials suspected of being contaminated (by way of visual or olfactory evidence) be encountered during development of the site, it is recommended that advice from a suitable qualified and experienced environmental consultant be sought without delay.

This report should be read in conjunction with the *Important Information About your JEC Environmental Report*, as attached.

## 13. Limitations

The findings contained within this report are the result of discrete/specific sampling methodologies used in accordance with normal practices and standards, with some variations as indicated in the report. To the best of our knowledge, they represent a reasonable interpretation of the general condition of the site within the sampled areas. Under no circumstances, however, can it be considered that these findings represent the actual state of the site at all points.

In conducting this review and preparing the report, current guidelines for assessment and management of contaminated land were generally followed. This work has been conducted in good faith in accordance with JEC's understanding of the client's brief and general accepted practice for environmental consulting.

# LIMITATIONS

This report has been prepared by Jones Environmental Consulting Pty Ltd (JEC) for you, as JECs client, in accordance with our agreed purpose, scope, schedule and budget.

The report has been prepared using accepted procedures and practices of the consulting profession at the time it was prepared, and the opinions, recommendations and conclusions set out in the report are made in accordance with generally accepted principles and practices of that profession.

The report is based on information gained from environmental conditions (including assessment of some or all of soil, groundwater, vapour and surface water) and supplemented by reported data of the local area and professional experience. Assessment has been scoped with consideration to industry standards, regulations, guidelines and your specific requirements, including budget and timing. The characterisation of site conditions is an interpretation of information collected during assessment, in accordance with industry practice.

This interpretation is not a complete description of all material on or in the vicinity of the site, due to the inherent variation in spatial and temporal patterns of contaminant presence and impact in the natural environment. JEC may have also relied on data and other information provided by you and other qualified individuals in preparing this report. JEC has not verified the accuracy or completeness of such data or information except as otherwise stated in the report. For these reasons the report must be regarded as interpretative, in accordance with industry standards and practice, rather than being a definitive record.

## 1 Your report has been written for a specific purpose

Your report has been developed for a specific purpose as agreed by us and applies only to the site or area investigated. Unless otherwise stated in the report, this report cannot be applied to an adjacent site or area, nor can it be used when the nature of the specific purpose changes from that which we agreed.

For each purpose, a tailored approach to the assessment of potential soil and groundwater contamination is required. In most cases, a key objective is to identify, and if possible quantify, risks that both recognised and potential contamination posed in the context of the agreed purpose. Such risks may be financial (for example, clean up costs or constraints on site use) and/or physical (for example, potential health risks to users of the site or the general public).

## 2 Limitations

The work was conducted, and the report has been prepared, in response to an agreed purpose and scope, within time and budgetary constraints, and in reliance on certain data and information made available to JEC.

The analyses, evaluations, opinions and conclusions presented in this report are based on that purpose and scope, requirements, data or information, and they could change if such requirements or data are inaccurate or incomplete.

This report is valid as of the date of preparation. The condition of the site (including subsurface conditions) and extent or nature of contamination or other environmental hazards can change over time, as a result of either natural processes or human influence. JEC should be kept apprised of any such events and should be consulted for further investigations if any changes are noted, particularly during construction activities where excavations often reveal subsurface conditions.

In addition, advancements in professional practice regarding contaminated land and changes in applicable statutes and/or guidelines may affect the validity of this report. Consequently, the currency of conclusions and recommendations in this report should be verified if you propose to use this report more than 6 months after its date of issue.

The report does not include the evaluation or assessment of potential geotechnical engineering constraints of the site.

### 3 Interpretation

Environmental site assessments identify actual conditions only at those points where samples are taken and on the date collected. Data derived from indirect field measurements, and sometimes other reports on the site, are interpreted by geologists, engineers or scientists to provide an opinion about overall site conditions, their likely impact with respect to the report purpose and recommended actions.

Variations in soil and groundwater conditions may occur between test or sample locations and actual conditions may differ from those inferred to exist. No environmental assessment program, no matter how comprehensive, can reveal all subsurface details and anomalies. Similarly, no professional, no matter how well qualified, can reveal what is hidden by earth, rock or changed through time.

The actual interface between different materials may be far more gradual or abrupt than assumed based on the facts obtained. Nothing can be done to change the actual site conditions which exist, but steps can be taken to reduce the impact of unexpected conditions.

For this reason, parties involved with land acquisition, management and/or redevelopment should retain the services of a suitably qualified and experienced environmental consultant through the development and use of the site to identify variances, conduct additional tests if required, and recommend solutions to unexpected conditions or other unrecognised features encountered on site. JEC would be pleased to assist with any investigation or advice in such circumstances.

### 4 Recommendations

This report assumes, in accordance with industry practice, that the site conditions recognised through discrete sampling are representative of actual conditions throughout the investigation area. Recommendations are based on the resulting interpretation. Should further data be obtained that differs from the data on which the report recommendations are based (such as through excavation or other additional assessment), then the recommendations would need to be reviewed and may need to be revised.

### 5 Report for benefit of client

Unless otherwise agreed between us, the report has been prepared for your benefit and no other party. Other parties should not rely upon the report or the accuracy or completeness of any recommendation and should make their own enquiries and obtain independent advice in relation to such matters.

JEC assumes no responsibility and will not be liable to any other person or organisation for, or in relation to, any matter dealt with or conclusions expressed in the report, or for any loss or damage suffered by any other person or organisation arising from matters dealt with or conclusions expressed in the report.

To avoid misuse of the information presented in your report, we recommend that JEC be consulted before the report is provided to another party who may not be familiar with the background and the purpose of the report. In particular, an environmental disclosure report for a property vendor may not be suitable for satisfying the needs of that property's purchaser. This report should not be applied for any purpose other than that stated in the report.

### 6 Interpretation

Costly problems can occur when other professionals develop their plans based on misinterpretations of a report. To help avoid misinterpretations, a suitably qualified and experienced environmental consultant should be retained to explain the implications of the report to other professionals referring to the report and then review plans and specifications produced to see how other professionals have incorporated the report findings.

Given JEC prepared the report and has familiarity with the site, JEC is well placed to provide such assistance. If another party is engaged to interpret the recommendations of the report, there is a risk that the contents of the report may be misinterpreted and JEC disowns any responsibility for such misinterpretation.

### 7 Data

The report as a whole presents the findings of the site assessment and the report should not be copied in part or altered in any way. Logs, figures, laboratory data, drawings, etc. are customarily included in our reports and are developed by scientists or engineers based on their interpretation of field logs, field testing and laboratory evaluation of samples. This information should not under any circumstances be redrawn for inclusion in other documents or separated from the report in any way. This report should be reproduced in full. No responsibility is accepted for use of any part of this report in any other context or for any other purpose or by third parties.

### 8 Responsibility

Environmental reporting relies on interpretation of factual information using professional judgement and opinion and has a level of uncertainty attached to it, which is much less exact than other design disciplines. This has often resulted in claims being lodged against consultants, which are unfounded. As noted earlier, the recommendations and findings set out in this report should only be regarded as interpretive and should not be taken as accurate and complete information about all environmental media at all depths and locations across the site.

## **Appendix A - Figures**





drawn	RJ
approved	PJ
date	13/11/23
scale	NTS
original size	A4



client:	Joss Construction
project:	Preliminary Site Investigation 481-487 Swift Street, Albury, New South Wales
title:	Site Location
project no:	JE10406-R01
figure no:	FIGURE 1





drawn	RJ
approved	PJ
date	13/11/23
scale	NTS
original size	A4



client:	Joss Construction	
project:	Preliminary Site Investigation 481-487 Swift Street, Albury, New South Wales	
title:	Lot boundaries	
project no:	JE10406-R01	figure no: FIGURE 2



drawn	RJ
approved	PJ
date	13/11/23
scale	NTS
original size	A4



client:	Joss Construction	
project:	Preliminary Site Investigation 481-487 Swift Street, Albury, New South Wales	
title:	Site layout	
project no:	JE10406-R01	figure no: FIGURE 3





drawn	RJ
approved	PJ
date	13/11/23
scale	NTS
original size	A4



client:	Joss Construction	
project:	Preliminary Site Investigation 481-487 Swift Street, Albury, New South Wales	
title:	Areas of concern	
project no:	JE10406-R01	figure no: FIGURE 4



drawn	RJ
approved	PJ
date	13/11/23
scale	NTS
original size	A4



client:	Joss Construction	
project:	Preliminary Site Investigation 481-487 Swift Street, Albury, New South Wales	
title:	Sampling Locations	
project no:	JE10406-R01	figure no: FIGURE 5



## **Appendix B - Tables**



Table 1  
Laboratory Analytical Results - Soil  
JE10405

							Field ID	SB1_0.0-0.2	SB1_0.5-0.7	SB1_3.5	SB2_0.0-0.2	SB2_0.5-0.7
							Date	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023
			CRC Care HSL-B Residential (High Density)	NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Clay	NEPM 2013 Table 1B(5) Generic EIL - Urban Res & Public Open Space	NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil	NEPM 2013 Table 1A(1) HILs Res B Soil					
	Unit	EQL										
Asbestos												
Asbestos (Trace)	-							ND			ND	
Asbestos Type	Detect							ND			ND	
Asbestos fibres	g/kg	0.1						ND			ND	
Cyanides												
Cyanide (WAD)	mg/kg	1						<1				
TRH - (Silica Gel Cleanup)												
>C10 - C40 Fraction (sum) (SG)	mg/kg	50						<50				
BTEX												
Benzene	mg/kg	0.2	140	0.7   1   2   3		65		<0.2				
Toluene	mg/kg	0.5	21,000	480		105		<0.5				
Ethylbenzene	mg/kg	0.5	5,900			125		<0.5				
Xylene (m & p)	mg/kg	0.5						<0.5				
Xylene (o)	mg/kg	0.5						<0.5				
Phenols												
3&4-Methylphenol (m&p-cresol)	mg/kg	1						<1				
2,4,5-Trichlorophenol	mg/kg	0.5						<0.5				
2,4,6-Trichlorophenol	mg/kg	0.5						<0.5				
2-Methylphenol	mg/kg	0.5						<0.5				
4-chloro-3-methylphenol	mg/kg	0.5						<0.5				
Pentachlorophenol	mg/kg	2					130	<2				
Phenol	mg/kg	0.5					45,000	<0.5				
TRH												
C6-C10	mg/kg	10	5,600					<10				
Chlorinated Hydrocarbons												
1,1,1,2-tetrachloroethane	mg/kg	0.5						<0.5				
1,1,1-trichloroethane	mg/kg	0.5						<0.5				
1,1,2,2-tetrachloroethane	mg/kg	0.5						<0.5				
1,1,2-trichloroethane	mg/kg	0.5						<0.5				
1,1-dichloroethene	mg/kg	0.5						<0.5				
1,2-dichloroethane	mg/kg	0.5						<0.5				
Carbon tetrachloride	mg/kg	0.5						<0.5				
Chloroform	mg/kg	0.5						<0.5				
Dichloromethane	mg/kg	0.5						<0.5				
Trichloroethene	mg/kg	0.5						<0.5				
Tetrachloroethene	mg/kg	0.5						<0.5				
Vinyl chloride	mg/kg	4						<4				
Halogenated Benzenes												
Chlorobenzene	mg/kg	0.5						<0.5				
Hexachlorobenzene	mg/kg	0.05					15	<0.05	<0.05		<0.05	<0.05
Inorganics												
Cyanide Total	mg/kg	1						<1				
Fluoride	mg/kg	40						140				
MAH												
Styrene	mg/kg	0.5						<0.5				
Metals												
Arsenic	mg/kg	2			100		500	6	<5	8	<5	<5
Barium	mg/kg	10						50		80	140	120
Beryllium	mg/kg	1					90	<1	<1	2	<1	<1
Boron	mg/kg	50					40,000	<50	<50	<50	<50	<50
Cadmium	mg/kg	0.4					150	<1	<1	<1	<1	<1
Chromium (hexavalent)	mg/kg	0.5					500	<0.5				
Chromium (III+VI)	mg/kg	2							12	31	15	11
Cobalt	mg/kg	2					600		10	15	6	6
Copper	mg/kg	5			60		30,000		6	19	25	16
Lead	mg/kg	5			1100		1,200	110	12	19	143	127
Manganese	mg/kg	5					14,000		479	275	534	744
Mercury	mg/kg	0.1					120	0.2	<0.1	<0.1	0.4	0.5
Molybdenum	mg/kg	2						<2				
Nickel	mg/kg	2			30		1,200	8	7	19	8	7
Selenium	mg/kg	5					1,400	<5	<5	<5	<5	<5
Silver	mg/kg	2						<2				
Vanadium	mg/kg	5							18	47	17	12
Zinc	mg/kg	5			70		60,000		19	46	281	143



Table 1  
Laboratory Analytical Results - Soil  
JE10405

							Field ID Date	SB1_0.0-0.2 12 Oct 2023	SB1_0.5-0.7 12 Oct 2023	SB1_3.5 12 Oct 2023	SB2_0.0-0.2 12 Oct 2023	SB2_0.5-0.7 12 Oct 2023
	Unit	EQL	CRC Care HSL-B Residential (High Density)	NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Clay	NEPM 2013 Table 1B(5) Generic EIL - Urban Res & Public Open Space	NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil	NEPM 2013 Table 1A(1) HILs Res B Soil					
<b>Organochlorine Pesticides</b>												
4,4-DDE	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
a-BHC	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
Aldrin	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
Aldrin + Dieldrin	mg/kg	0.05					10	<0.05	<0.05		<0.05	<0.05
b-BHC	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
Chlordane	mg/kg	0.05					90	<0.05	<0.05		<0.05	<0.05
Chlordane (cis)	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
Chlordane (trans)	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
d-BHC	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
DDD	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
DDT	mg/kg	0.2			180			<0.2	<0.2		<0.2	<0.2
DDT+DDE+DDD	mg/kg	0.05					600	<0.05	<0.05		<0.05	<0.05
Dieldrin	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
Endosulfan	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
Endosulfan I	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
Endosulfan II	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
Endosulfan sulphate	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
Endrin	mg/kg	0.05					20	<0.05	<0.05		<0.05	<0.05
Endrin aldehyde	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
Endrin ketone	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
g-BHC (Lindane)	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
Heptachlor	mg/kg	0.05					10	<0.05	<0.05		<0.05	<0.05
Heptachlor epoxide	mg/kg	0.05						<0.05	<0.05		<0.05	<0.05
Methoxychlor	mg/kg	0.2					500		<0.2		<0.2	<0.2
<b>Organophosphorous Pesticides</b>												
Azinophos methyl	mg/kg	0.05							<0.05		<0.05	<0.05
Bromophos-ethyl	mg/kg	0.05							<0.05		<0.05	<0.05
Carbophenothion	mg/kg	0.05							<0.05		<0.05	<0.05
Chlorfenvinphos	mg/kg	0.05							<0.05		<0.05	<0.05
Chlorpyrifos	mg/kg	0.05					340	<0.05	<0.05		<0.05	<0.05
Chlorpyrifos-methyl	mg/kg	0.05							<0.05		<0.05	<0.05
Diazinon	mg/kg	0.05							<0.05		<0.05	<0.05
Dichlorvos	mg/kg	0.05							<0.05		<0.05	<0.05
Dimethoate	mg/kg	0.05							<0.05		<0.05	<0.05
Ethion	mg/kg	0.05							<0.05		<0.05	<0.05
Fenthion	mg/kg	0.05							<0.05		<0.05	<0.05
Malathion	mg/kg	0.05							<0.05		<0.05	<0.05
Methyl parathion	mg/kg	0.2							<0.2		<0.2	<0.2
Monocrotophos	mg/kg	0.2							<0.2		<0.2	<0.2
Prothiofos	mg/kg	0.05							<0.05		<0.05	<0.05
<b>PAH</b>												
Acenaphthene	mg/kg	0.5						<0.5				
Acenaphthylene	mg/kg	0.5						<0.5				
Anthracene	mg/kg	0.5						0.5				
Benz(a)anthracene	mg/kg	0.5						2.5				
Benzo(a) pyrene	mg/kg	0.5				0.7		2.7				
Benzo(b+)fluoranthene	mg/kg	0.5						3.1				
Benzo(g,h,i)perylene	mg/kg	0.5						1.4				
Benzo(k)fluoranthene	mg/kg	0.5						0.9				
Chrysene	mg/kg	0.5						2.5				
Dibenz(a,h)anthracene	mg/kg	0.5						<0.5				
Fluoranthene	mg/kg	0.5						4.8				
Fluorene	mg/kg	0.5						<0.5				
Indeno(1,2,3-c,d)pyrene	mg/kg	0.5						1.2				
Naphthalene	mg/kg	0.5	2,200	5	170			<0.5				
Phenanthrene	mg/kg	0.5						1.6				
Pyrene	mg/kg	0.5						4.7				
PAHs (Sum of total)	mg/kg	0.5					400	25.9				
<b>PCBs</b>												
PCBs (Sum of total)	mg/kg	0.1					1	<0.1				
<b>Pesticides</b>												
Demeton-S-methyl	mg/kg	0.05							<0.05		<0.05	<0.05
Fenamiphos	mg/kg	0.05							<0.05		<0.05	<0.05
Parathion	mg/kg	0.2							<0.2		<0.2	<0.2
Pirimphos-ethyl	mg/kg	0.05							<0.05		<0.05	<0.05
<b>Solvents</b>												
Methyl Ethyl Ketone	mg/kg	5						<5				
<b>TPH</b>												
TPH C10-C14 Fraction after Silica Cleanup	mg/kg	50						<50				
TPH C15-C28 Fraction after Silica Cleanup	mg/kg	100						<100				
TPH C29-C36 Fraction after Silica Cleanup	mg/kg	100						<100				
TRH >C10-C16 (after silica gel clean-up)	mg/kg	50						<50				
TRH >C16-C34 (after silica gel clean-up)	mg/kg	100				1,300		<100				
TRH >C34-C40 (after silica gel clean-up)	mg/kg	100				5,600		<100				
TRH C10-C36 (Total) (after silica gel clean-up)	mg/kg	50						<50				
C6-C9	mg/kg	10						<10				



Table 1  
Laboratory Analytical Results - Soil  
JE10405

							Field ID	SB2_3.0-3.2	SB3_0.0-0.2	SB3_2.0-2.2	SB4_0.0-0.2	SB4_2.0-2.2
							Date	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023
			CRC Care HSL-B Residential (High Density)	NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Clay	NEPM 2013 Table 1B(5) Generic EIL - Urban Res & Public Open Space	NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil	NEPM 2013 Table 1A(1) HILs Res B Soil					
	Unit	EQL										
Asbestos												
Asbestos (Trace)	-											
Asbestos Type	Detect											
Asbestos fibres	g/kg	0.1										
Cyanides												
Cyanide (WAD)	mg/kg	1										
TRH - (Silica Gel Cleanup)												
>C10 - C40 Fraction (sum) (SG)	mg/kg	50										
BTEX												
Benzene	mg/kg	0.2	140	0.7   1   2   3		65						
Toluene	mg/kg	0.5	21,000	480		105						
Ethylbenzene	mg/kg	0.5	5,900			125						
Xylene (m & p)	mg/kg	0.5										
Xylene (o)	mg/kg	0.5										
Phenols												
3&4-Methylphenol (m&p-cresol)	mg/kg	1										
2,4,5-Trichlorophenol	mg/kg	0.5										
2,4,6-Trichlorophenol	mg/kg	0.5										
2-Methylphenol	mg/kg	0.5										
4-chloro-3-methylphenol	mg/kg	0.5										
Pentachlorophenol	mg/kg	2					130					
Phenol	mg/kg	0.5					45,000					
TRH												
C6-C10	mg/kg	10	5,600									
Chlorinated Hydrocarbons												
1,1,1,2-tetrachloroethane	mg/kg	0.5										
1,1,1-trichloroethane	mg/kg	0.5										
1,1,2,2-tetrachloroethane	mg/kg	0.5										
1,1,2-trichloroethane	mg/kg	0.5										
1,1-dichloroethene	mg/kg	0.5										
1,2-dichloroethane	mg/kg	0.5										
Carbon tetrachloride	mg/kg	0.5										
Chloroform	mg/kg	0.5										
Dichloromethane	mg/kg	0.5										
Trichloroethene	mg/kg	0.5										
Tetrachloroethene	mg/kg	0.5										
Vinyl chloride	mg/kg	4										
Halogenated Benzenes												
Chlorobenzene	mg/kg	0.5										
Hexachlorobenzene	mg/kg	0.05					15	<0.05		<0.05		
Inorganics												
Cyanide Total	mg/kg	1										
Fluoride	mg/kg	40										
MAH												
Styrene	mg/kg	0.5										
Metals												
Arsenic	mg/kg	2			100		500	6	<5	9	6	12
Barium	mg/kg	10						100	650	70	60	50
Beryllium	mg/kg	1					90	1	<1	1	<1	1
Boron	mg/kg	50					40,000	<50	<50	<50	<50	<50
Cadmium	mg/kg	0.4					150	<1	<1	<1	<1	<1
Chromium (hexavalent)	mg/kg	0.5					500					





Table 1  
Laboratory Analytical Results - Soil  
JE10405

			Field ID			SB2_3.0-3.2	SB3_0.0-0.2	SB3_2.0-2.2	SB4_0.0-0.2	SB4_2.0-2.2
			Date			12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023
	Unit	EQL	CRC Care HSL-B Residential (High Density)	NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Clay	NEPM 2013 Table 1B(5) Generic EIL - Urban Res & Public Open Space	NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil	NEPM 2013 Table 1A(1) HILs Res B Soil			
<b>Organochlorine Pesticides</b>										
4,4-DDE	mg/kg	0.05						<0.05	<0.05	
a-BHC	mg/kg	0.05						<0.05	<0.05	
Aldrin	mg/kg	0.05						<0.05	<0.05	
Aldrin + Dieldrin	mg/kg	0.05				10		<0.05	<0.05	
b-BHC	mg/kg	0.05						<0.05	<0.05	
Chlordane	mg/kg	0.05				90		<0.05	<0.05	
Chlordane (cis)	mg/kg	0.05						<0.05	<0.05	
Chlordane (trans)	mg/kg	0.05						<0.05	<0.05	
d-BHC	mg/kg	0.05						<0.05	<0.05	
DDD	mg/kg	0.05						<0.05	<0.05	
DDT	mg/kg	0.2			180			<0.2	<0.2	
DDT+DDE+DDD	mg/kg	0.05				600		<0.05	<0.05	
Dieldrin	mg/kg	0.05						<0.05	<0.05	
Endosulfan	mg/kg	0.05						<0.05	<0.05	
Endosulfan I	mg/kg	0.05				400		<0.05	<0.05	
Endosulfan II	mg/kg	0.05						<0.05	<0.05	
Endosulfan sulphate	mg/kg	0.05						<0.05	<0.05	
Endrin	mg/kg	0.05				20		<0.05	<0.05	
Endrin aldehyde	mg/kg	0.05						<0.05	<0.05	
Endrin ketone	mg/kg	0.05						<0.05	<0.05	
g-BHC (Lindane)	mg/kg	0.05						<0.05	<0.05	
Heptachlor	mg/kg	0.05				10		<0.05	<0.05	
Heptachlor epoxide	mg/kg	0.05						<0.05	<0.05	
Methoxychlor	mg/kg	0.2				500		<0.2	<0.2	
<b>Organophosphorous Pesticides</b>										
Azinophos methyl	mg/kg	0.05						<0.05	<0.05	
Bromophos-ethyl	mg/kg	0.05						<0.05	<0.05	
Carbophenothion	mg/kg	0.05						<0.05	<0.05	
Chlorfenvinphos	mg/kg	0.05						<0.05	<0.05	
Chlorpyrifos	mg/kg	0.05					340	<0.05	<0.05	
Chlorpyrifos-methyl	mg/kg	0.05						<0.05	<0.05	
Diazinon	mg/kg	0.05						<0.05	<0.05	
Dichlorvos	mg/kg	0.05						<0.05	<0.05	
Dimethoate	mg/kg	0.05						<0.05	<0.05	
Ethion	mg/kg	0.05						<0.05	<0.05	
Fenthion	mg/kg	0.05						<0.05	<0.05	
Malathion	mg/kg	0.05						<0.05	<0.05	
Methyl parathion	mg/kg	0.2						<0.2	<0.2	
Monocrotophos	mg/kg	0.2						<0.2	<0.2	
Prothiofos	mg/kg	0.05						<0.05	<0.05	
<b>PAH</b>										
Acenaphthene	mg/kg	0.5								
Acenaphthylene	mg/kg	0.5								
Anthracene	mg/kg	0.5								
Benz(a)anthracene	mg/kg	0.5								
Benzo(a) pyrene	mg/kg	0.5				0.7				
Benzo(b+j)fluoranthene	mg/kg	0.5								
Benzo(g,h,i)perylene	mg/kg	0.5								
Benzo(k)fluoranthene	mg/kg	0.5								
Chrysene	mg/kg	0.5								
Dibenz(a,h)anthracene	mg/kg	0.5								
Fluoranthene	mg/kg	0.5								
Fluorene	mg/kg	0.5								
Indeno(1,2,3-c,d)pyrene	mg/kg	0.5								
Naphthalene	mg/kg	0.5	2,200	5	170					
Phenanthrene	mg/kg	0.5								
Pyrene	mg/kg	0.5								
PAHs (Sum of total)	mg/kg	0.5				400				
<b>PCBs</b>										
PCBs (Sum of total)	mg/kg	0.1				1				
<b>Pesticides</b>										
Demeton-S-methyl	mg/kg	0.05						<0.05	<0.05	
Fenamiphos	mg/kg	0.05						<0.05	<0.05	
Parathion	mg/kg	0.2						<0.2	<0.2	
Pirimphos-ethyl	mg/kg	0.05						<0.05	<0.05	
<b>Solvents</b>										
Methyl Ethyl Ketone	mg/kg	5								
<b>TPH</b>										
TPH C10-C14 Fraction after Silica Cleanup	mg/kg	50								
TPH C15-C28 Fraction after Silica Cleanup	mg/kg	100								
TPH C29-C36 Fraction after Silica Cleanup	mg/kg	100								
TRH >C10-C16 (after silica gel clean-up)	mg/kg	50								
TRH >C16-C34 (after silica gel clean-up)	mg/kg	100				1,300				
TRH >C34-C40 (after silica gel clean-up)	mg/kg	100				5,600				
TRH C10-C36 (Total) (after silica gel clean-up)	mg/kg	50								
C6-C9	mg/kg	10								





Table 1  
Laboratory Analytical Results - Soil  
JE10405

							Field ID	SB4_3.5	SB5_0.0-0.2	SB5_0.5-0.7	SB5_3.5	SS1
							Date	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023
			CRC Care HSL-B Residential (High Density)	NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Clay	NEPM 2013 Table 1B(5) Generic EIL - Urban Res & Public Open Space	NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil	NEPM 2013 Table 1A(1) HILs Res B Soil					
	Unit	EQL										
Asbestos												
Asbestos (Trace)	-								ND			
Asbestos Type	Detect								ND			
Asbestos fibres	g/kg	0.1							ND			
Cyanides												
Cyanide (WAD)	mg/kg	1										
TRH - (Silica Gel Cleanup)												
>C10 - C40 Fraction (sum) (SG)	mg/kg	50										
BTEX												
Benzene	mg/kg	0.2	140	0.7   1   2   3		65						
Toluene	mg/kg	0.5	21,000	480		105						
Ethylbenzene	mg/kg	0.5	5,900			125						
Xylene (m & p)	mg/kg	0.5										
Xylene (o)	mg/kg	0.5										
Phenols												
3&4-Methylphenol (m&p-cresol)	mg/kg	1										
2,4,5-Trichlorophenol	mg/kg	0.5										
2,4,6-Trichlorophenol	mg/kg	0.5										
2-Methylphenol	mg/kg	0.5										
4-chloro-3-methylphenol	mg/kg	0.5										
Pentachlorophenol	mg/kg	2					130					
Phenol	mg/kg	0.5					45,000					
TRH												
C6-C10	mg/kg	10	5,600									
Chlorinated Hydrocarbons												
1,1,1,2-tetrachloroethane	mg/kg	0.5										
1,1,1-trichloroethane	mg/kg	0.5										
1,1,2,2-tetrachloroethane	mg/kg	0.5										
1,1,2-trichloroethane	mg/kg	0.5										
1,1-dichloroethene	mg/kg	0.5										
1,2-dichloroethane	mg/kg	0.5										
Carbon tetrachloride	mg/kg	0.5										
Chloroform	mg/kg	0.5										
Dichloromethane	mg/kg	0.5										
Trichloroethene	mg/kg	0.5										
Tetrachloroethene	mg/kg	0.5										
Vinyl chloride	mg/kg	4										
Halogenated Benzenes												
Chlorobenzene	mg/kg	0.5										
Hexachlorobenzene	mg/kg	0.05					15		<0.05			<0.05
Inorganics												
Cyanide Total	mg/kg	1										
Fluoride	mg/kg	40										
MAH												
Styrene	mg/kg	0.5										
Metals												
Arsenic	mg/kg	2			100		500	6		11	10	<5
Barium	mg/kg	10						80		60	120	
Beryllium	mg/kg	1					90	1		1	2	
Boron	mg/kg	50					40,000	<50		<50	<50	
Cadmium	mg/kg	0.4					150	<1		<1	<1	<1
Chromium (hexavalent)	mg/kg	0.5					500					
Chromium (III+VI)	mg/kg	2						20		24	34	14
Cobalt	mg/kg	2					600	8		8	13	
Copper	mg/kg	5			60		30,000	10		12	20	25
Lead	mg/kg	5			1100		1,200	13		25	20	200
Manganese	mg/kg	5					14,000	177		226	215	
Mercury	mg/kg	0.1					120	<0.1		<0.1	<0.1	0.2
Molybdenum	mg/kg	2										
Nickel	mg/kg	2			30		1,200	12		11	21	8
Selenium	mg/kg	5					1,400	<5		<5	<5	
Silver	mg/kg	2										
Vanadium	mg/kg	5						30		41	51	
Zinc	mg/kg	5			70		60,000	27		28	48	273



Table 1  
Laboratory Analytical Results - Soil  
JE10405

			Field ID	SB4_3.5	SB5_0.0-0.2	SB5_0.5-0.7	SB5_3.5	SS1
			Date	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023
	Unit	EQL	CRC Care HSL-B Residential (High Density)	NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Clay	NEPM 2013 Table 1B(5) Generic EIL - Urban Res & Public Open Space	NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil	NEPM 2013 Table 1A(1) HILs Res B Soil	
<b>Organochlorine Pesticides</b>								
4,4-DDE	mg/kg	0.05						<0.05
a-BHC	mg/kg	0.05						<0.05
Aldrin	mg/kg	0.05						<0.05
Aldrin + Dieldrin	mg/kg	0.05				10		<0.05
b-BHC	mg/kg	0.05						<0.05
Chlordane	mg/kg	0.05				90		<0.05
Chlordane (cis)	mg/kg	0.05						<0.05
Chlordane (trans)	mg/kg	0.05						<0.05
d-BHC	mg/kg	0.05						<0.05
DDD	mg/kg	0.05						<0.05
DDT	mg/kg	0.2			180			<0.2
DDT+DDE+DDD	mg/kg	0.05				600		<0.05
Dieldrin	mg/kg	0.05						<0.05
Endosulfan	mg/kg	0.05						<0.05
Endosulfan I	mg/kg	0.05						<0.05
Endosulfan II	mg/kg	0.05						<0.05
Endosulfan sulphate	mg/kg	0.05						<0.05
Endrin	mg/kg	0.05				20		<0.05
Endrin aldehyde	mg/kg	0.05						<0.05
Endrin ketone	mg/kg	0.05						<0.05
g-BHC (Lindane)	mg/kg	0.05						<0.05
Heptachlor	mg/kg	0.05				10		<0.05
Heptachlor epoxide	mg/kg	0.05						<0.05
Methoxychlor	mg/kg	0.2				500		<0.2
<b>Organophosphorous Pesticides</b>								
Azinophos methyl	mg/kg	0.05						<0.05
Bromophos-ethyl	mg/kg	0.05						<0.05
Carbophenothion	mg/kg	0.05						<0.05
Chlorfenvinphos	mg/kg	0.05						<0.05
Chlorpyrifos	mg/kg	0.05						<0.05
Chlorpyrifos-methyl	mg/kg	0.05				340		<0.05
Diazinon	mg/kg	0.05						<0.05
Dichlorvos	mg/kg	0.05						<0.05
Dimethoate	mg/kg	0.05						<0.05
Ethion	mg/kg	0.05						<0.05
Fenthion	mg/kg	0.05						<0.05
Malathion	mg/kg	0.05						<0.05
Methyl parathion	mg/kg	0.2						<0.2
Monocrotophos	mg/kg	0.2						<0.2
Prothiofos	mg/kg	0.05						<0.05
<b>PAH</b>								
Acenaphthene	mg/kg	0.5						
Acenaphthylene	mg/kg	0.5						
Anthracene	mg/kg	0.5						
Benz(a)anthracene	mg/kg	0.5						
Benzo(a) pyrene	mg/kg	0.5				0.7		
Benzo(b+)fluoranthene	mg/kg	0.5						
Benzo(g,h,i)perylene	mg/kg	0.5						
Benzo(k)fluoranthene	mg/kg	0.5						
Chrysene	mg/kg	0.5						
Dibenz(a,h)anthracene	mg/kg	0.5						
Fluoranthene	mg/kg	0.5						
Fluorene	mg/kg	0.5						
Indeno(1,2,3-c,d)pyrene	mg/kg	0.5						
Naphthalene	mg/kg	0.5	2,200	5	170			
Phenanthrene	mg/kg	0.5						
Pyrene	mg/kg	0.5						
PAHs (Sum of total)	mg/kg	0.5				400		
<b>PCBs</b>								
PCBs (Sum of total)	mg/kg	0.1				1		
<b>Pesticides</b>								
Demeton-S-methyl	mg/kg	0.05						<0.05
Fenamiphos	mg/kg	0.05						<0.05
Parathion	mg/kg	0.2						<0.2
Pirimphos-ethyl	mg/kg	0.05						<0.05
<b>Solvents</b>								
Methyl Ethyl Ketone	mg/kg	5						
<b>TPH</b>								
TPH C10-C14 Fraction after Silica Cleanup	mg/kg	50						
TPH C15-C28 Fraction after Silica Cleanup	mg/kg	100						
TPH C29-C36 Fraction after Silica Cleanup	mg/kg	100						
TRH >C10-C16 (after silica gel clean-up)	mg/kg	50						
TRH >C16-C34 (after silica gel clean-up)	mg/kg	100				1,300		
TRH >C34-C40 (after silica gel clean-up)	mg/kg	100				5,600		
TRH C10-C36 (Total) (after silica gel clean-up)	mg/kg	50						
C6-C9	mg/kg	10						



Table 1  
Laboratory Analytical Results - Soil  
JE10405

							Field ID	SS2	SS3	QC1
							Date	12 Oct 2023	12 Oct 2023	12 Oct 2023
	Unit	EQL	CRC Care HSL-B Residential (High Density)	NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Clay	NEPM 2013 Table 1B(5) Generic EIL - Urban Res & Public Open Space	NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil	NEPM 2013 Table 1A(1) HILs Res B Soil			
Asbestos										
Asbestos (Trace)	-									
Asbestos Type	Detect									
Asbestos fibres	g/kg	0.1								
Cyanides										
Cyanide (WAD)	mg/kg	1								
TRH - (Silica Gel Cleanup)										
>C10 - C40 Fraction (sum) (SG)	mg/kg	50								
BTEX										
Benzene	mg/kg	0.2	140	0.7   1   2   3		65				
Toluene	mg/kg	0.5	21,000	480		105				
Ethylbenzene	mg/kg	0.5	5,900			125				
Xylene (m & p)	mg/kg	0.5								
Xylene (o)	mg/kg	0.5								
Phenols										
3&4-Methylphenol (m&p-cresol)	mg/kg	1								
2,4,5-Trichlorophenol	mg/kg	0.5								
2,4,6-Trichlorophenol	mg/kg	0.5								
2-Methylphenol	mg/kg	0.5								
4-chloro-3-methylphenol	mg/kg	0.5								
Pentachlorophenol	mg/kg	2					130			
Phenol	mg/kg	0.5					45,000			
TRH										
C6-C10	mg/kg	10	5,600							
Chlorinated Hydrocarbons										
1,1,1,2-tetrachloroethane	mg/kg	0.5								
1,1,1-trichloroethane	mg/kg	0.5								
1,1,2,2-tetrachloroethane	mg/kg	0.5								
1,1,2-trichloroethane	mg/kg	0.5								
1,1-dichloroethene	mg/kg	0.5								
1,2-dichloroethane	mg/kg	0.5								
Carbon tetrachloride	mg/kg	0.5								
Chloroform	mg/kg	0.5								
Dichloromethane	mg/kg	0.5								
Trichloroethene	mg/kg	0.5								
Tetrachloroethene	mg/kg	0.5								
Vinyl chloride	mg/kg	4								
Halogenated Benzenes										
Chlorobenzene	mg/kg	0.5								
Hexachlorobenzene	mg/kg	0.05				15		<0.05	<0.05	<0.05
Inorganics										
Cyanide Total	mg/kg	1								
Fluoride	mg/kg	40								
MAH										
Styrene	mg/kg	0.5								
Metals										
Arsenic	mg/kg	2			100		500	10	<5	<5
Barium	mg/kg	10								
Beryllium	mg/kg	1					90			
Boron	mg/kg	50					40,000			
Cadmium	mg/kg	0.4					150	<1	<1	<1
Chromium (hexavalent)	mg/kg	0.5					500			
Chromium (III+VI)	mg/kg	2						18	7	18
Cobalt	mg/kg	2					600			
Copper	mg/kg	5			60		30,000	27	9	13
Lead	mg/kg	5			1100		1,200	1,160	967	157
Manganese	mg/kg	5					14,000			
Mercury	mg/kg	0.1					120	0.9	<0.1	<0.1
Molybdenum	mg/kg	2								
Nickel	mg/kg	2			30		1,200	7	3	8
Selenium	mg/kg	5					1,400			
Silver	mg/kg	2								
Vanadium	mg/kg	5								
Zinc	mg/kg	5			70		60,000	394	789	92



Table 1  
Laboratory Analytical Results - Soil  
JE10405

							Field ID	SS2	SS3	QC1
							Date	12 Oct 2023	12 Oct 2023	12 Oct 2023
	Unit	EQL	CRC Care HSL-B Residential (High Density)	NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Clay	NEPM 2013 Table 1B(5) Generic EIL - Urban Res & Public Open Space	NEPM 2013 Table 1B(6) ESLs for Urban Res, Fine Soil	NEPM 2013 Table 1A(1) HILs Res B Soil			
Organochlorine Pesticides										
4,4-DDE	mg/kg	0.05						<0.05	<0.05	<0.05
a-BHC	mg/kg	0.05						<0.05	<0.05	<0.05
Aldrin	mg/kg	0.05						<0.05	<0.05	<0.05
Aldrin + Dieldrin	mg/kg	0.05				10		0.29	0.24	<0.05
b-BHC	mg/kg	0.05						<0.05	<0.05	<0.05
Chlordane	mg/kg	0.05				90		<0.05	<0.05	<0.05
Chlordane (cis)	mg/kg	0.05						<0.05	<0.05	<0.05
Chlordane (trans)	mg/kg	0.05						<0.05	<0.05	<0.05
d-BHC	mg/kg	0.05						<0.05	<0.05	<0.05
DDD	mg/kg	0.05						<0.05	<0.05	<0.05
DDT	mg/kg	0.2			180			<0.2	<0.2	<0.2
DDT+DDE+DDD	mg/kg	0.05				600		<0.05	<0.05	<0.05
Dieldrin	mg/kg	0.05						0.29	0.24	<0.05
Endosulfan	mg/kg	0.05				400		<0.05	<0.05	<0.05
Endosulfan I	mg/kg	0.05						<0.05	<0.05	<0.05
Endosulfan II	mg/kg	0.05						<0.05	<0.05	<0.05
Endosulfan sulphate	mg/kg	0.05						<0.05	<0.05	<0.05
Endrin	mg/kg	0.05				20		<0.05	<0.05	<0.05
Endrin aldehyde	mg/kg	0.05						<0.05	<0.05	<0.05
Endrin ketone	mg/kg	0.05						<0.05	<0.05	<0.05
g-BHC (Lindane)	mg/kg	0.05						<0.05	<0.05	<0.05
Heptachlor	mg/kg	0.05				10		<0.05	<0.05	<0.05
Heptachlor epoxide	mg/kg	0.05						<0.05	<0.05	<0.05
Methoxychlor	mg/kg	0.2				500		<0.2	<0.2	<0.2
Organophosphorous Pesticides										
Azinophos methyl	mg/kg	0.05						<0.05	<0.05	<0.05
Bromophos-ethyl	mg/kg	0.05						<0.05	<0.05	<0.05
Carbophenothion	mg/kg	0.05						<0.05	<0.05	<0.05
Chlorfenvinphos	mg/kg	0.05						<0.05	<0.05	<0.05
Chlorpyrifos	mg/kg	0.05				340		<0.05	<0.05	<0.05
Chlorpyrifos-methyl	mg/kg	0.05						<0.05	<0.05	<0.05
Diazinon	mg/kg	0.05						<0.05	<0.05	<0.05
Dichlorvos	mg/kg	0.05						<0.05	<0.05	<0.05
Dimethoate	mg/kg	0.05						<0.05	<0.05	<0.05
Ethion	mg/kg	0.05						<0.05	<0.05	<0.05
Fenthion	mg/kg	0.05						<0.05	<0.05	<0.05
Malathion	mg/kg	0.05						<0.05	<0.05	<0.05
Methyl parathion	mg/kg	0.2						<0.2	<0.2	<0.2
Monocrotophos	mg/kg	0.2						<0.2	<0.2	<0.2
Prothiofos	mg/kg	0.05						<0.05	<0.05	<0.05
PAH										
Acenaphthene	mg/kg	0.5								
Acenaphthylene	mg/kg	0.5								
Anthracene	mg/kg	0.5								
Benz(a)anthracene	mg/kg	0.5								
Benzo(a) pyrene	mg/kg	0.5				0.7				
Benzo(b+j)fluoranthene	mg/kg	0.5								
Benzo(g,h,i)perylene	mg/kg	0.5								
Benzo(k)fluoranthene	mg/kg	0.5								
Chrysene	mg/kg	0.5								
Dibenz(a,h)anthracene	mg/kg	0.5								
Fluoranthene	mg/kg	0.5								
Fluorene	mg/kg	0.5								
Indeno(1,2,3-c,d)pyrene	mg/kg	0.5								
Napthalene	mg/kg	0.5	2,200	5	170					
Phenanthrene	mg/kg	0.5								
Pyrene	mg/kg	0.5								
PAHs (Sum of total)	mg/kg	0.5				400				
PCBs										
PCBs (Sum of total)	mg/kg	0.1				1				
Pesticides										
Demeton-S-methyl	mg/kg	0.05						<0.05	<0.05	<0.05
Fenamiphos	mg/kg	0.05						<0.05	<0.05	<0.05
Parathion	mg/kg	0.2						<0.2	<0.2	<0.2
Pirimphos-ethyl	mg/kg	0.05						<0.05	<0.05	<0.05
Solvents										
Methyl Ethyl Ketone	mg/kg	5								
TPH										
TPH C10-C14 Fraction after Silica Cleanup	mg/kg	50								
TPH C15-C28 Fraction after Silica Cleanup	mg/kg	100								
TPH C29-C36 Fraction after Silica Cleanup	mg/kg	100								
TRH >C10-C16 (after silica gel clean-up)	mg/kg	50								
TRH >C16-C34 (after silica gel clean-up)	mg/kg	100				1,300				
TRH >C34-C40 (after silica gel clean-up)	mg/kg	100				5,600				
TRH C10-C36 (Total) (after silica gel clean-up)	mg/kg	50								
C6-C9	mg/kg	10								



Table 2A  
Laboratory Analytical Results - Soil  
JE10405

							SB1_0.0-0.2	SB1_0.5-0.7	SB1_3.5	SB2_0.0-0.2	SB2_0.5-0.7
							12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023
	Unit	EQL	NSW 2014 General Solid Waste CT1 (No Leaching)	NSW 2014 General Solid Waste SCC1 (with leached)	NSW 2014 Restricted Solid Waste CT2 (No Leaching)	NSW 2014 Restricted Solid Waste SCC2 (with leached)					
Asbestos											
Asbestos (Trace)	-						ND			ND	
Asbestos Type	Detect						ND			ND	
Asbestos fibres	g/kg	0.1					ND			ND	
Cyanides											
Cyanide (WAD)	mg/kg	1					<1				
NA											
TCLP Fluid	-	1									
TRH - (Silica Gel Cleanup)											
>C10 - C40 Fraction (sum) (SG)	mg/kg	50					<50				
BTEX											
Benzene	mg/kg	0.2	10	18	40	72	<0.2				
Toluene	mg/kg	0.5	288	518	1,152	2,073	<0.5				
Ethylbenzene	mg/kg	0.5	600	1,080	2,400	4,320	<0.5				
Xylene (m & p)	mg/kg	0.5					<0.5				
Xylene (o)	mg/kg	0.5					<0.5				
Phenols											
3&4-Methylphenol (m&p-cresol)	mg/kg	1					<1				
2,4,5-Trichlorophenol	mg/kg	0.5	8,000	14,400	32,000	57,600	<0.5				
2,4,6-Trichlorophenol	mg/kg	0.5	40	72	160	288	<0.5				
2-Methylphenol	mg/kg	0.5	4,000	7,200	16,000	28,800	<0.5				
4-chloro-3-methylphenol	mg/kg	0.5					<0.5				
Pentachlorophenol	mg/kg	2					<2				
Phenol	mg/kg	0.5		518		2,073	<0.5				
TRH											
C6-C10	mg/kg	10					<10				
Chlorinated Hydrocarbons											
1,1,1,2-tetrachloroethane	mg/kg	0.5	200	360	800	1,440	<0.5				
1,1,1-trichloroethane	mg/kg	0.5	600	1,080	2,400	4,320	<0.5				
1,1,2,2-tetrachloroethane	mg/kg	0.5	26	46.8	104	187.2	<0.5				
1,1,2-trichloroethane	mg/kg	0.5	24	43.2	96	172.8	<0.5				
1,1-dichloroethene	mg/kg	0.5	14	25	56	100	<0.5				
1,2-dichloroethane	mg/kg	0.5	10	18	40	72	<0.5				
Carbon tetrachloride	mg/kg	0.5	10	18	40	72	<0.5				
Chloroform	mg/kg	0.5	120	126	480	864	<0.5				
Dichloromethane	mg/kg	0.5	172	310	688	1,240	<0.5				
Trichloroethene	mg/kg	0.5	10	18	40	72	<0.5				
Tetrachloroethene	mg/kg	0.5	14	25.2	56	100.8	<0.5				
Vinyl chloride	mg/kg	4	4	7.2	16	28.8	<4				
Halogenated Benzenes											
Chlorobenzene	mg/kg	0.5	2,000	3,600	8,000	14,400	<0.5				
Hexachlorobenzene	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Inorganics											
Cyanide Total	mg/kg	1	320	5,900	1,280	23,600	<1				
Fluoride	mg/kg	40	3,000	10,000	12,000	40,000	140				
MAH											
Styrene	mg/kg	0.5	60	108	240	432	<0.5				
Metals											
Arsenic	mg/kg	2	100	500	400	2,000	6	<5	8	<5	<5
Barium	mg/kg	10						50	80	140	120
Beryllium	mg/kg	1	20	100	80	400	<1	<1	2	<1	<1
Boron	mg/kg	50						<50	<50	<50	<50
Cadmium	mg/kg	0.4	20	100	80	400	<1	<1	<1	<1	<1
Chromium (hexavalent)	mg/kg	0.5	100	1,900	400	7,600	<0.5				
Chromium (III+VI)	mg/kg	2						12	31	15	11
Cobalt	mg/kg	2						10	15	6	6
Copper	mg/kg	5						6	19	25	16
Lead	mg/kg	5	100	1,500	400	6,000	110	12	19	143	127
Manganese	mg/kg	5						479	275	534	744
Mercury	mg/kg	0.1	4	50	16	200	0.2	<0.1	<0.1	0.4	0.5
Molybdenum	mg/kg	2	100	1,000	400	4,000	<2				
Nickel	mg/kg	2	40	1,050	160	4,200	8	7	19	8	7
Selenium	mg/kg	5	20	50	80	200	<5	<5	<5	<5	<5
Silver	mg/kg	2	100	180	400	720	<2				
Vanadium	mg/kg	5						18	47	17	12
Zinc	mg/kg	5						19	46	281	143
Organochlorine Pesticides											
4,4-DDE	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
a-BHC	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Aldrin	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Aldrin + Dieldrin	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
b-BHC	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Chlordane	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Chlordane (cis)	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Chlordane (trans)	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
d-BHC	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
DDD	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
DDT	mg/kg	0.2					<0.2	<0.2		<0.2	<0.2
DDT+DDE+DDD	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Dieldrin	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Endosulfan	mg/kg	0.05	60	108	240	432		<0.05		<0.05	<0.05
Endosulfan I	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Endosulfan II	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Endosulfan sulphate	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Endrin	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Endrin aldehyde	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Endrin ketone	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
g-BHC (Lindane)	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Heptachlor	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Heptachlor epoxide	mg/kg	0.05					<0.05	<0.05		<0.05	<0.05
Methoxychlor	mg/kg	0.2						<0.2		<0.2	<0.2
Organophosphorous Pesticides											
Azinophos methyl	mg/kg	0.05						<0.05		<0.05	<0.05
Bromophos-ethyl	mg/kg	0.05						<0.05		<0.05	<0.05
Carbophenothion	mg/kg	0.05						<0.05		<0.05	<0.05
Chlorfenvinphos	mg/kg	0.05						<0.05		<0.05	<0.05
Chlorpyrifos	mg/kg	0.05	4	7.5	16	30	<0.05	<0.05		<0.05	<0.05
Chlorpyrifos-methyl	mg/kg	0.05						<0.05		<0.05	<0.05
Diazinon	mg/kg	0.05						<0.05		<0.05	<0.05
Dichlorvos	mg/kg	0.05						<0.05		<0.05	<0.05
Dimethoate	mg/kg	0.05						<0.05		<0.05	<0.05



Table 2A  
Laboratory Analytical Results - Soil  
JE10405

						SB1_0.0-0.2	SB1_0.5-0.7	SB1_3.5	SB2_0.0-0.2	SB2_0.5-0.7
						12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023
	Unit	EQL	NSW 2014 General Solid Waste CT1 (No Leaching)	NSW 2014 General Solid Waste SCC1 (with leached)	NSW 2014 Restricted Solid Waste CT2 (No Leaching)	NSW 2014 Restricted Solid Waste SCC2 (with leached)				
Ethion	mg/kg	0.05					<0.05		<0.05	<0.05
Fenthion	mg/kg	0.05					<0.05		<0.05	<0.05
Malathion	mg/kg	0.05					<0.05		<0.05	<0.05
Methyl parathion	mg/kg	0.2					<0.2		<0.2	<0.2
Monocrotophos	mg/kg	0.2					<0.2		<0.2	<0.2
Prothiofos	mg/kg	0.05					<0.05		<0.05	<0.05
PAH										
Acenaphthene	mg/kg	0.5				<0.5				
Acenaphthylene	mg/kg	0.5				<0.5				
Anthracene	mg/kg	0.5				0.5				
Benz(a)anthracene	mg/kg	0.5				2.5				
Benzo(a) pyrene	mg/kg	0.5	0.8	10	3.2	23	2.7			
Benzo(b+j)fluoranthene	mg/kg	0.5				3.1				
Benzo(g,h,i)perylene	mg/kg	0.5				1.4				
Benzo(k)fluoranthene	mg/kg	0.5				0.9				
Chrysene	mg/kg	0.5				2.5				
Dibenz(a,h)anthracene	mg/kg	0.5				<0.5				
Fluoranthene	mg/kg	0.5				4.8				
Fluorene	mg/kg	0.5				<0.5				
Indeno(1,2,3-c,d)pyrene	mg/kg	0.5				1.2				
Naphthalene	mg/kg	0.5				<0.5				
Phenanthrene	mg/kg	0.5				1.6				
Pyrene	mg/kg	0.5				4.7				
PAHs (Sum of total)	mg/kg	0.5	200	200	800	800	25.9			
PCBs										
PCBs (Sum of total)	mg/kg	0.1	50	50	50	50	<0.1			
Pesticides										
Demeton-S-methyl	mg/kg	0.05					<0.05		<0.05	<0.05
Fenamiphos	mg/kg	0.05					<0.05		<0.05	<0.05
Parathion	mg/kg	0.2					<0.2		<0.2	<0.2
Pirimphos-ethyl	mg/kg	0.05					<0.05		<0.05	<0.05
Solvents										
Methyl Ethyl Ketone	mg/kg	5	4,000	7,200	16,000	28,800	<5			
TPH										
TPH C10-C14 Fraction after Silica	mg/kg	50					<50			
TPH C15-C28 Fraction after Silica	mg/kg	100					<100			
TPH C29-C36 Fraction after Silica	mg/kg	100					<100			
TRH >C10-C16 (after silica gel clean-	mg/kg	50					<50			
TRH >C16-C34 (after silica gel clean-	mg/kg	100					<100			
TRH >C34-C40 (after silica gel clean-	mg/kg	100					<100			
TRH C10-C36 (Total) (after silica gel	mg/kg	50					<50			
C6-C9	mg/kg	10	650	650	2,600	2,600	<10			



Table 2A  
Laboratory Analytical Results - Soil  
JE10405

							SB2_3.0-3.2	SB3_0.0-0.2	SB3_2.0-2.2	SB4_0.0-0.2	SB4_2.0-2.2
							12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023
	Unit	EQL	NSW 2014 General Solid Waste CT1 (No Leaching)	NSW 2014 General Solid Waste SCC1 (with leached)	NSW 2014 Restricted Solid Waste CT2 (No Leaching)	NSW 2014 Restricted Solid Waste SCC2 (with leached)					
Asbestos											
Asbestos (Trace)	-										
Asbestos Type	Detect										
Asbestos fibres	g/kg	0.1									
Cyanides											
Cyanide (WAD)	mg/kg	1									
NA											
TCLP Fluid	-	1									
TRH - (Silica Gel Cleanup)											
>C10 - C40 Fraction (sum) (SG)	mg/kg	50									
BTEX											
Benzene	mg/kg	0.2	10	18	40	72					
Toluene	mg/kg	0.5	288	518	1,152	2,073					
Ethylbenzene	mg/kg	0.5	600	1,080	2,400	4,320					
Xylene (m & p)	mg/kg	0.5									
Xylene (o)	mg/kg	0.5									
Phenols											
3&4-Methylphenol (m&p-cresol)	mg/kg	1									
2,4,5-Trichlorophenol	mg/kg	0.5	8,000	14,400	32,000	57,600					
2,4,6-Trichlorophenol	mg/kg	0.5	40	72	160	288					
2-Methylphenol	mg/kg	0.5	4,000	7,200	16,000	28,800					
4-chloro-3-methylphenol	mg/kg	0.5									
Pentachlorophenol	mg/kg	2									
Phenol	mg/kg	0.5		518		2,073					
TRH											
C6-C10	mg/kg	10									
Chlorinated Hydrocarbons											
1,1,1,2-tetrachloroethane	mg/kg	0.5	200	360	800	1,440					
1,1,1-trichloroethane	mg/kg	0.5	600	1,080	2,400	4,320					
1,1,2,2-tetrachloroethane	mg/kg	0.5	26	46.8	104	187.2					
1,1,2-trichloroethane	mg/kg	0.5	24	43.2	96	172.8					
1,1-dichloroethene	mg/kg	0.5	14	25	56	100					
1,2-dichloroethane	mg/kg	0.5	10	18	40	72					
Carbon tetrachloride	mg/kg	0.5	10	18	40	72					
Chloroform	mg/kg	0.5	120	126	480	864					
Dichloromethane	mg/kg	0.5	172	310	688	1,240					
Trichloroethene	mg/kg	0.5	10	18	40	72					
Tetrachloroethene	mg/kg	0.5	14	25.2	56	100.8					
Vinyl chloride	mg/kg	4	4	7.2	16	28.8					
Halogenated Benzenes											
Chlorobenzene	mg/kg	0.5	2,000	3,600	8,000	14,400					
Hexachlorobenzene	mg/kg	0.05					<0.05		<0.05		
Inorganics											
Cyanide Total	mg/kg	1	320	5,900	1,280	23,600					
Fluoride	mg/kg	40	3,000	10,000	12,000	40,000					
MAH											
Styrene	mg/kg	0.5	60	108	240	432					
Metals											
Arsenic	mg/kg	2	100	500	400	2,000	6	<5	9	6	12
Barium	mg/kg	10					100	650	70	60	50
Beryllium	mg/kg	1	20	100	80	400	1	<1	1	<1	1
Boron	mg/kg	50					<50	<50	<50	<50	<50
Cadmium	mg/kg	0.4	20	100	80	400	<1	<1	<1	<1	<1
Chromium (hexavalent)	mg/kg	0.5	100	1,900	400	7,600					
Chromium (III+VI)	mg/kg	2					27	18	25	12	23
Cobalt	mg/kg	2					9	4	8	4	9
Copper	mg/kg	5					15	51	11	19	8
Lead	mg/kg	5	100	1,500	400	6,000	13	722	14	42	19
Manganese	mg/kg	5					227	533	177	281	422
Mercury	mg/kg	0.1	4	50	16	200	<0.1	0.2	<0.1	<0.1	<0.1
Molybdenum	mg/kg	2	100	1,000	400	4,000					
Nickel	mg/kg	2	40	1,050	160	4,200	15	8	11	6	10
Selenium	mg/kg	5	20	50	80	200	<5	<5	<5	<5	<5
Silver	mg/kg	2	100	180	400	720					
Vanadium	mg/kg	5					34	14	37	14	40
Zinc	mg/kg	5					37	429	25	93	20
Organochlorine Pesticides											
4,4-DDE	mg/kg	0.05						<0.05		<0.05	
a-BHC	mg/kg	0.05						<0.05		<0.05	
Aldrin	mg/kg	0.05						<0.05		<0.05	
Aldrin + Dieldrin	mg/kg	0.05						<0.05		<0.05	
b-BHC	mg/kg	0.05						<0.05		<0.05	
Chlordane	mg/kg	0.05						<0.05		<0.05	
Chlordane (cis)	mg/kg	0.05						<0.05		<0.05	
Chlordane (trans)	mg/kg	0.05						<0.05		<0.05	
d-BHC	mg/kg	0.05						<0.05		<0.05	
DDD	mg/kg	0.05						<0.05		<0.05	
DDT	mg/kg	0.2						<0.2		<0.2	
DDT+DDE+DDD	mg/kg	0.05						<0.05		<0.05	
Dieldrin	mg/kg	0.05						<0.05		<0.05	
Endosulfan	mg/kg	0.05	60	108	240	432		<0.05		<0.05	
Endosulfan I	mg/kg	0.05						<0.05		<0.05	
Endosulfan II	mg/kg	0.05						<0.05		<0.05	
Endosulfan sulphate	mg/kg	0.05						<0.05		<0.05	
Endrin	mg/kg	0.05						<0.05		<0.05	
Endrin aldehyde	mg/kg	0.05						<0.05		<0.05	
Endrin ketone	mg/kg	0.05						<0.05		<0.05	
g-BHC (Lindane)	mg/kg	0.05						<0.05		<0.05	
Heptachlor	mg/kg	0.05						<0.05		<0.05	
Heptachlor epoxide	mg/kg	0.05						<0.05		<0.05	
Methoxychlor	mg/kg	0.2						<0.2		<0.2	
Organophosphorous Pesticides											
Azinophos methyl	mg/kg	0.05						<0.05		<0.05	
Bromophos-ethyl	mg/kg	0.05						<0.05		<0.05	
Carbophenothion	mg/kg	0.05						<0.05		<0.05	
Chlorfenvinphos	mg/kg	0.05						<0.05		<0.05	
Chlorpyrifos	mg/kg	0.05	4	7.5	16	30		<0.05		<0.05	
Chlorpyrifos-methyl	mg/kg	0.05						<0.05		<0.05	
Diazinon	mg/kg	0.05						<0.05		<0.05	
Dichlorvos	mg/kg	0.05						<0.05		<0.05	
Dimethoate	mg/kg	0.05						<0.05		<0.05	





Table 2A  
Laboratory Analytical Results - Soil  
JE10405

						SB2_3.0-3.2	SB3_0.0-0.2	SB3_2.0-2.2	SB4_0.0-0.2	SB4_2.0-2.2
						12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023
	Unit	EQL	NSW 2014 General Solid Waste CT1 (No Leaching)	NSW 2014 General Solid Waste SCC1 (with leached)	NSW 2014 Restricted Solid Waste CT2 (No Leaching)	NSW 2014 Restricted Solid Waste SCC2 (with leached)				
Ethion	mg/kg	0.05					<0.05		<0.05	
Fenthion	mg/kg	0.05					<0.05		<0.05	
Malathion	mg/kg	0.05					<0.05		<0.05	
Methyl parathion	mg/kg	0.2					<0.2		<0.2	
Monocrotophos	mg/kg	0.2					<0.2		<0.2	
Prothiofos	mg/kg	0.05					<0.05		<0.05	
PAH										
Acenaphthene	mg/kg	0.5								
Acenaphthylene	mg/kg	0.5								
Anthracene	mg/kg	0.5								
Benz(a)anthracene	mg/kg	0.5								
Benzo(a) pyrene	mg/kg	0.5	0.8	10	3.2	23				
Benzo(b+j)fluoranthene	mg/kg	0.5								
Benzo(g,h,i)perylene	mg/kg	0.5								
Benzo(k)fluoranthene	mg/kg	0.5								
Chrysene	mg/kg	0.5								
Dibenz(a,h)anthracene	mg/kg	0.5								
Fluoranthene	mg/kg	0.5								
Fluorene	mg/kg	0.5								
Indeno(1,2,3-c,d)pyrene	mg/kg	0.5								
Naphthalene	mg/kg	0.5								
Phenanthrene	mg/kg	0.5								
Pyrene	mg/kg	0.5								
PAHs (Sum of total)	mg/kg	0.5	200	200	800	800				
PCBs										
PCBs (Sum of total)	mg/kg	0.1	50	50	50	50				
Pesticides										
Demeton-S-methyl	mg/kg	0.05					<0.05		<0.05	
Fenamiphos	mg/kg	0.05					<0.05		<0.05	
Parathion	mg/kg	0.2					<0.2		<0.2	
Pirimphos-ethyl	mg/kg	0.05					<0.05		<0.05	
Solvents										
Methyl Ethyl Ketone	mg/kg	5	4,000	7,200	16,000	28,800				
TPH										
TPH C10-C14 Fraction after Silica	mg/kg	50								
TPH C15-C28 Fraction after Silica	mg/kg	100								
TPH C29-C36 Fraction after Silica	mg/kg	100								
TRH >C10-C16 (after silica gel clean-	mg/kg	50								
TRH >C16-C34 (after silica gel clean-	mg/kg	100								
TRH >C34-C40 (after silica gel clean-	mg/kg	100								
TRH C10-C36 (Total) (after silica gel	mg/kg	50								
C6-C9	mg/kg	10	650	650	2,600	2,600				



Table 2A  
Laboratory Analytical Results - Soil  
JE10405

						SB4_3.5	SB5_0.0-0.2	SB5_0.5-0.7	SB5_3.5	SS1
						12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023
	Unit	EQL	NSW 2014 General Solid Waste CT1 (No Leaching)	NSW 2014 General Solid Waste SCC1 (with leached)	NSW 2014 Restricted Solid Waste CT2 (No Leaching)	NSW 2014 Restricted Solid Waste SCC2 (with leached)				
Asbestos										
Asbestos (Trace)	-						ND			
Asbestos Type	Detect						ND			
Asbestos fibres	g/kg	0.1					ND			
Cyanides										
Cyanide (WAD)	mg/kg	1								
NA										
TCLP Fluid	-	1								
TRH - (Silica Gel Cleanup)										
>C10 - C40 Fraction (sum) (SG)	mg/kg	50								
BTEX										
Benzene	mg/kg	0.2	10	18	40	72				
Toluene	mg/kg	0.5	288	518	1,152	2,073				
Ethylbenzene	mg/kg	0.5	600	1,080	2,400	4,320				
Xylene (m & p)	mg/kg	0.5								
Xylene (o)	mg/kg	0.5								
Phenols										
3&4-Methylphenol (m&p-cresol)	mg/kg	1								
2,4,5-Trichlorophenol	mg/kg	0.5	8,000	14,400	32,000	57,600				
2,4,6-Trichlorophenol	mg/kg	0.5	40	72	160	288				
2-Methylphenol	mg/kg	0.5	4,000	7,200	16,000	28,800				
4-chloro-3-methylphenol	mg/kg	0.5								
Pentachlorophenol	mg/kg	2								
Phenol	mg/kg	0.5		518		2,073				
TRH										
C6-C10	mg/kg	10								
Chlorinated Hydrocarbons										
1,1,1,2-tetrachloroethane	mg/kg	0.5	200	360	800	1,440				
1,1,1-trichloroethane	mg/kg	0.5	600	1,080	2,400	4,320				
1,1,2,2-tetrachloroethane	mg/kg	0.5	26	46.8	104	187.2				
1,1,2-trichloroethane	mg/kg	0.5	24	43.2	96	172.8				
1,1-dichloroethene	mg/kg	0.5	14	25	56	100				
1,2-dichloroethane	mg/kg	0.5	10	18	40	72				
Carbon tetrachloride	mg/kg	0.5	10	18	40	72				
Chloroform	mg/kg	0.5	120	126	480	864				
Dichloromethane	mg/kg	0.5	172	310	688	1,240				
Trichloroethene	mg/kg	0.5	10	18	40	72				
Tetrachloroethene	mg/kg	0.5	14	25.2	56	100.8				
Vinyl chloride	mg/kg	4	4	7.2	16	28.8				
Halogenated Benzenes										
Chlorobenzene	mg/kg	0.5	2,000	3,600	8,000	14,400				
Hexachlorobenzene	mg/kg	0.05						<0.05		<0.05
Inorganics										
Cyanide Total	mg/kg	1	320	5,900	1,280	23,600				
Fluoride	mg/kg	40	3,000	10,000	12,000	40,000				
MAH										
Styrene	mg/kg	0.5	60	108	240	432				
Metals										
Arsenic	mg/kg	2	100	500	400	2,000	6	11	10	<5
Barium	mg/kg	10					80	60	120	
Beryllium	mg/kg	1	20	100	80	400	1	1	2	
Boron	mg/kg	50					<50	<50	<50	
Cadmium	mg/kg	0.4	20	100	80	400	<1	<1	<1	<1
Chromium (hexavalent)	mg/kg	0.5	100	1,900	400	7,600				
Chromium (III+VI)	mg/kg	2					20	24	34	14
Cobalt	mg/kg	2					8	8	13	
Copper	mg/kg	5					10	12	20	25
Lead	mg/kg	5	100	1,500	400	6,000	13	25	20	200
Manganese	mg/kg	5					177	226	215	
Mercury	mg/kg	0.1	4	50	16	200	<0.1	<0.1	<0.1	0.2
Molybdenum	mg/kg	2	100	1,000	400	4,000				
Nickel	mg/kg	2	40	1,050	160	4,200	12	11	21	8
Selenium	mg/kg	5	20	50	80	200	<5	<5	<5	
Silver	mg/kg	2	100	180	400	720				
Vanadium	mg/kg	5					30	41	51	
Zinc	mg/kg	5					27	28	48	273
Organochlorine Pesticides										
4,4-DDE	mg/kg	0.05						<0.05		<0.05
a-BHC	mg/kg	0.05						<0.05		<0.05
Aldrin	mg/kg	0.05						<0.05		<0.05
Aldrin + Dieldrin	mg/kg	0.05						<0.05		<0.05
b-BHC	mg/kg	0.05						<0.05		<0.05
Chlordane	mg/kg	0.05						<0.05		<0.05
Chlordane (cis)	mg/kg	0.05						<0.05		<0.05
Chlordane (trans)	mg/kg	0.05						<0.05		<0.05
d-BHC	mg/kg	0.05						<0.05		<0.05
DDD	mg/kg	0.05						<0.05		<0.05
DDT	mg/kg	0.2						<0.2		<0.2
DDT+DDE+DDD	mg/kg	0.05						<0.05		<0.05
Dieldrin	mg/kg	0.05						<0.05		<0.05
Endosulfan	mg/kg	0.05	60	108	240	432		<0.05		<0.05
Endosulfan I	mg/kg	0.05						<0.05		<0.05
Endosulfan II	mg/kg	0.05						<0.05		<0.05
Endosulfan sulphate	mg/kg	0.05						<0.05		<0.05
Endrin	mg/kg	0.05						<0.05		<0.05
Endrin aldehyde	mg/kg	0.05						<0.05		<0.05
Endrin ketone	mg/kg	0.05						<0.05		<0.05
g-BHC (Lindane)	mg/kg	0.05						<0.05		<0.05
Heptachlor	mg/kg	0.05						<0.05		<0.05
Heptachlor epoxide	mg/kg	0.05						<0.05		<0.05
Methoxychlor	mg/kg	0.2						<0.2		<0.2
Organophosphorous Pesticides										
Azinophos methyl	mg/kg	0.05						<0.05		<0.05
Bromophos-ethyl	mg/kg	0.05						<0.05		<0.05
Carbophenothion	mg/kg	0.05						<0.05		<0.05
Chlorfenvinphos	mg/kg	0.05						<0.05		<0.05
Chlorpyrifos	mg/kg	0.05	4	7.5	16	30		<0.05		<0.05
Chlorpyrifos-methyl	mg/kg	0.05						<0.05		<0.05
Diazinon	mg/kg	0.05						<0.05		<0.05
Dichlorvos	mg/kg	0.05						<0.05		<0.05
Dimethoate	mg/kg	0.05						<0.05		<0.05



Table 2A  
Laboratory Analytical Results - Soil  
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						SB4_3.5	SB5_0.0-0.2	SB5_0.5-0.7	SB5_3.5	SS1
						12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023	12 Oct 2023
	Unit	EQL	NSW 2014 General Solid Waste CT1 (No Leaching)	NSW 2014 General Solid Waste SCC1 (with leached)	NSW 2014 Restricted Solid Waste CT2 (No Leaching)	NSW 2014 Restricted Solid Waste SCC2 (with leached)				
Ethion	mg/kg	0.05						<0.05		<0.05
Fenthion	mg/kg	0.05						<0.05		<0.05
Malathion	mg/kg	0.05						<0.05		<0.05
Methyl parathion	mg/kg	0.2						<0.2		<0.2
Monocrotophos	mg/kg	0.2						<0.2		<0.2
Prothiofos	mg/kg	0.05						<0.05		<0.05
PAH										
Acenaphthene	mg/kg	0.5								
Acenaphthylene	mg/kg	0.5								
Anthracene	mg/kg	0.5								
Benz(a)anthracene	mg/kg	0.5								
Benzo(a) pyrene	mg/kg	0.5	0.8	10	3.2	23				
Benzo(b+j)fluoranthene	mg/kg	0.5								
Benzo(g,h,i)perylene	mg/kg	0.5								
Benzo(k)fluoranthene	mg/kg	0.5								
Chrysene	mg/kg	0.5								
Dibenz(a,h)anthracene	mg/kg	0.5								
Fluoranthene	mg/kg	0.5								
Fluorene	mg/kg	0.5								
Indeno(1,2,3-c,d)pyrene	mg/kg	0.5								
Naphthalene	mg/kg	0.5								
Phenanthrene	mg/kg	0.5								
Pyrene	mg/kg	0.5								
PAHs (Sum of total)	mg/kg	0.5	200	200	800	800				
PCBs										
PCBs (Sum of total)	mg/kg	0.1	50	50	50	50				
Pesticides										
Demeton-S-methyl	mg/kg	0.05						<0.05		<0.05
Fenamiphos	mg/kg	0.05						<0.05		<0.05
Parathion	mg/kg	0.2						<0.2		<0.2
Pirimphos-ethyl	mg/kg	0.05						<0.05		<0.05
Solvents										
Methyl Ethyl Ketone	mg/kg	5	4,000	7,200	16,000	28,800				
TPH										
TPH C10-C14 Fraction after Silica	mg/kg	50								
TPH C15-C28 Fraction after Silica	mg/kg	100								
TPH C29-C36 Fraction after Silica	mg/kg	100								
TRH >C10-C16 (after silica gel clean-	mg/kg	50								
TRH >C16-C34 (after silica gel clean-	mg/kg	100								
TRH >C34-C40 (after silica gel clean-	mg/kg	100								
TRH C10-C36 (Total) (after silica gel	mg/kg	50								
C6-C9	mg/kg	10	650	650	2,600	2,600				



Table 2A  
Laboratory Analytical Results - Soil  
JE10405

							SS2	SS3	QC1
							12 Oct 2023	12 Oct 2023	12 Oct 2023
	Unit	EQL	NSW 2014 General Solid Waste CT1 (No Leaching)	NSW 2014 General Solid Waste SCC1 (with leached)	NSW 2014 Restricted Solid Waste CT2 (No Leaching)	NSW 2014 Restricted Solid Waste SCC2 (with leached)			
Asbestos									
Asbestos (Trace)	-								
Asbestos Type	Detect								
Asbestos fibres	g/kg	0.1							
Cyanides									
Cyanide (WAD)	mg/kg	1							
NA									
TCLP Fluid	-	1							
TRH - (Silica Gel Cleanup)									
>C10 - C40 Fraction (sum) (SG)	mg/kg	50							
BTEX									
Benzene	mg/kg	0.2	10	18	40	72			
Toluene	mg/kg	0.5	288	518	1,152	2,073			
Ethylbenzene	mg/kg	0.5	600	1,080	2,400	4,320			
Xylene (m & p)	mg/kg	0.5							
Xylene (o)	mg/kg	0.5							
Phenols									
3&4-Methylphenol (m&p-cresol)	mg/kg	1							
2,4,5-Trichlorophenol	mg/kg	0.5	8,000	14,400	32,000	57,600			
2,4,6-Trichlorophenol	mg/kg	0.5	40	72	160	288			
2-Methylphenol	mg/kg	0.5	4,000	7,200	16,000	28,800			
4-chloro-3-methylphenol	mg/kg	0.5							
Pentachlorophenol	mg/kg	2							
Phenol	mg/kg	0.5		518		2,073			
TRH									
C6-C10	mg/kg	10							
Chlorinated Hydrocarbons									
1,1,1,2-tetrachloroethane	mg/kg	0.5	200	360	800	1,440			
1,1,1-trichloroethane	mg/kg	0.5	600	1,080	2,400	4,320			
1,1,2,2-tetrachloroethane	mg/kg	0.5	26	46.8	104	187.2			
1,1,2-trichloroethane	mg/kg	0.5	24	43.2	96	172.8			
1,1-dichloroethene	mg/kg	0.5	14	25	56	100			
1,2-dichloroethane	mg/kg	0.5	10	18	40	72			
Carbon tetrachloride	mg/kg	0.5	10	18	40	72			
Chloroform	mg/kg	0.5	120	126	480	864			
Dichloromethane	mg/kg	0.5	172	310	688	1,240			
Trichloroethene	mg/kg	0.5	10	18	40	72			
Tetrachloroethene	mg/kg	0.5	14	25.2	56	100.8			
Vinyl chloride	mg/kg	4	4	7.2	16	28.8			
Halogenated Benzenes									
Chlorobenzene	mg/kg	0.5	2,000	3,600	8,000	14,400			
Hexachlorobenzene	mg/kg	0.05					<0.05	<0.05	<0.05
Inorganics									
Cyanide Total	mg/kg	1	320	5,900	1,280	23,600			
Fluoride	mg/kg	40	3,000	10,000	12,000	40,000			
MAH									
Styrene	mg/kg	0.5	60	108	240	432			
Metals									
Arsenic	mg/kg	2	100	500	400	2,000	10	<5	<5
Barium	mg/kg	10							
Beryllium	mg/kg	1	20	100	80	400			
Boron	mg/kg	50							
Cadmium	mg/kg	0.4	20	100	80	400	<1	<1	<1
Chromium (hexavalent)	mg/kg	0.5	100	1,900	400	7,600			
Chromium (III+VI)	mg/kg	2					18	7	18
Cobalt	mg/kg	2							
Copper	mg/kg	5					27	9	13
Lead	mg/kg	5	100	1,500	400	6,000	1,160	967	157
Manganese	mg/kg	5							
Mercury	mg/kg	0.1	4	50	16	200	0.9	<0.1	<0.1
Molybdenum	mg/kg	2	100	1,000	400	4,000			
Nickel	mg/kg	2	40	1,050	160	4,200	7	3	8
Selenium	mg/kg	5	20	50	80	200			
Silver	mg/kg	2	100	180	400	720			
Vanadium	mg/kg	5							
Zinc	mg/kg	5					394	789	92
Organochlorine Pesticides									
4,4-DDE	mg/kg	0.05					<0.05	<0.05	<0.05
a-BHC	mg/kg	0.05					<0.05	<0.05	<0.05
Aldrin	mg/kg	0.05					<0.05	<0.05	<0.05
Aldrin + Dieldrin	mg/kg	0.05					0.29	0.24	<0.05
b-BHC	mg/kg	0.05					<0.05	<0.05	<0.05
Chlordane	mg/kg	0.05					<0.05	<0.05	<0.05
Chlordane (cis)	mg/kg	0.05					<0.05	<0.05	<0.05
Chlordane (trans)	mg/kg	0.05					<0.05	<0.05	<0.05
d-BHC	mg/kg	0.05					<0.05	<0.05	<0.05
DDD	mg/kg	0.05					<0.05	<0.05	<0.05
DDT	mg/kg	0.2					<0.2	<0.2	<0.2
DDT+DDE+DDD	mg/kg	0.05					<0.05	<0.05	<0.05
Dieldrin	mg/kg	0.05					0.29	0.24	<0.05
Endosulfan	mg/kg	0.05	60	108	240	432	<0.05	<0.05	<0.05
Endosulfan I	mg/kg	0.05					<0.05	<0.05	<0.05
Endosulfan II	mg/kg	0.05					<0.05	<0.05	<0.05
Endosulfan sulphate	mg/kg	0.05					<0.05	<0.05	<0.05
Endrin	mg/kg	0.05					<0.05	<0.05	<0.05
Endrin aldehyde	mg/kg	0.05					<0.05	<0.05	<0.05
Endrin ketone	mg/kg	0.05					<0.05	<0.05	<0.05
g-BHC (Lindane)	mg/kg	0.05					<0.05	<0.05	<0.05
Heptachlor	mg/kg	0.05					<0.05	<0.05	<0.05
Heptachlor epoxide	mg/kg	0.05					<0.05	<0.05	<0.05
Methoxychlor	mg/kg	0.2					<0.2	<0.2	<0.2
Organophosphorous Pesticides									
Azinophos methyl	mg/kg	0.05					<0.05	<0.05	<0.05
Bromophos-ethyl	mg/kg	0.05					<0.05	<0.05	<0.05
Carbophenothion	mg/kg	0.05					<0.05	<0.05	<0.05
Chlorfenvinphos	mg/kg	0.05					<0.05	<0.05	<0.05
Chlorpyrifos	mg/kg	0.05	4	7.5	16	30	<0.05	<0.05	<0.05
Chlorpyrifos-methyl	mg/kg	0.05					<0.05	<0.05	<0.05
Diazinon	mg/kg	0.05					<0.05	<0.05	<0.05
Dichlorvos	mg/kg	0.05					<0.05	<0.05	<0.05
Dimethoate	mg/kg	0.05					<0.05	<0.05	<0.05



Table 2A  
Laboratory Analytical Results - Soil  
JE10405

							SS2	SS3	QC1
							12 Oct 2023	12 Oct 2023	12 Oct 2023
	Unit	EQL	NSW 2014 General Solid Waste CT1 (No Leaching)	NSW 2014 General Solid Waste SCC1 (with leached)	NSW 2014 Restricted Solid Waste CT2 (No Leaching)	NSW 2014 Restricted Solid Waste SCC2 (with leached)			
Ethion	mg/kg	0.05					<0.05	<0.05	<0.05
Fenthion	mg/kg	0.05					<0.05	<0.05	<0.05
Malathion	mg/kg	0.05					<0.05	<0.05	<0.05
Methyl parathion	mg/kg	0.2					<0.2	<0.2	<0.2
Monocrotophos	mg/kg	0.2					<0.2	<0.2	<0.2
Prothiofos	mg/kg	0.05					<0.05	<0.05	<0.05
PAH									
Acenaphthene	mg/kg	0.5							
Acenaphthylene	mg/kg	0.5							
Anthracene	mg/kg	0.5							
Benz(a)anthracene	mg/kg	0.5							
Benzo(a) pyrene	mg/kg	0.5	0.8	10	3.2	23			
Benzo(b+j)fluoranthene	mg/kg	0.5							
Benzo(g,h,i)perylene	mg/kg	0.5							
Benzo(k)fluoranthene	mg/kg	0.5							
Chrysene	mg/kg	0.5							
Dibenz(a,h)anthracene	mg/kg	0.5							
Fluoranthene	mg/kg	0.5							
Fluorene	mg/kg	0.5							
Indeno(1,2,3-c,d)pyrene	mg/kg	0.5							
Naphthalene	mg/kg	0.5							
Phenanthrene	mg/kg	0.5							
Pyrene	mg/kg	0.5							
PAHs (Sum of total)	mg/kg	0.5	200	200	800	800			
PCBs									
PCBs (Sum of total)	mg/kg	0.1	50	50	50	50			
Pesticides									
Demeton-S-methyl	mg/kg	0.05					<0.05	<0.05	<0.05
Fenamiphos	mg/kg	0.05					<0.05	<0.05	<0.05
Parathion	mg/kg	0.2					<0.2	<0.2	<0.2
Pirimphos-ethyl	mg/kg	0.05					<0.05	<0.05	<0.05
Solvents									
Methyl Ethyl Ketone	mg/kg	5	4,000	7,200	16,000	28,800			
TPH									
TPH C10-C14 Fraction after Silica	mg/kg	50							
TPH C15-C28 Fraction after Silica	mg/kg	100							
TPH C29-C36 Fraction after Silica	mg/kg	100							
TRH >C10-C16 (after silica gel clean-	mg/kg	50							
TRH >C16-C34 (after silica gel clean-	mg/kg	100							
TRH >C34-C40 (after silica gel clean-	mg/kg	100							
TRH C10-C36 (Total) (after silica gel	mg/kg	50							
C6-C9	mg/kg	10	650	650	2,600	2,600			



Table 2B  
Laboratory Analytical Results - Soil  
JE10405

			Field ID	SB1_0.0-0.2	SB1_0.5-0.7
			Date	12 Oct 2023	12 Oct 2023
	Unit	EQL	NSW 2014 General Solid Waste TCLP1 (leached)	NSW 2014 Restricted Solid Waste TCLP2 (leached)	
PAH					
Benzo(a) pyrene	µg/L	0.5	40	160	<0.5



Table 3  
Laboratory Analytical Results - Soil Replicate  
JE10405

		Lab Report Number	EM2318328			EM2318328	1035553	
		Field ID	SB2_0.0-0.2	QC1		SB2_0.0-0.2	QC2	
		Matrix Type	Soil	Soil		Soil	Soil	
		Date	12 Oct 2023	12 Oct 2023		12 Oct 2023	12 Oct 2023	
		Sample Type	Normal	Intralab_D	RPD	Normal	Interlab_D	RPD
	Unit	EQL						
<b>Metals</b>								
Arsenic	mg/kg	2	<5	<5	0	<5	4.4	0
Cadmium	mg/kg	0.4	<1	<1	0	<1	0.5	0
Chromium (III+VI)	mg/kg	2	15	18	18	15	14	7
Copper	mg/kg	5	25	13	63	25	28	11
Lead	mg/kg	5	143	157	9	143	380	91
Mercury	mg/kg	0.1	0.4	<0.1	0	0.4	0.3	29
Nickel	mg/kg	2	8	8	0	8	7.0	13
Zinc	mg/kg	5	281	92	101	281	280	0





Table 4  
Laboratory Analytical Results - Field Blanks  
JE10405

		Lab Report Number	EM2318328	EM2318328
		Field ID	QC3	QC4
		Matrix Type	Water	Water
		Date	12 Oct 2023	12 Oct 2023
		Sample Type	Rinsate	Trip_B
	Unit	EQL		
<b>BTEX</b>				
Naphthalene (BTEX)	mg/L	0.005		<0.005
Benzene	µg/L	1		<1
Toluene	µg/L	2		<2
Ethylbenzene	µg/L	2		<2
Xylene (m & p)	µg/L	2		<2
Xylene (o)	µg/L	2		<2
Xylene Total	µg/L	2		<2
Total BTEX	µg/L	1		<1
<b>TRH</b>				
C6-C10	µg/L	20		<20
C6-C10 (F1 minus BTEX)	µg/L	20		<20
<b>Metals</b>				
Arsenic (filtered)	mg/L	0.001	<0.001	
Cadmium (filtered)	mg/L	0.0001	<0.0001	
Chromium (III+VI) (filtered)	mg/L	0.001	<0.001	
Copper (filtered)	mg/L	0.001	<0.001	
Lead (filtered)	mg/L	0.001	<0.001	
Mercury (filtered)	mg/L	0.0001	<0.0001	
Nickel (filtered)	mg/L	0.001	<0.001	
Zinc (filtered)	mg/L	0.005	<0.005	
<b>TPH</b>				
C6-C9	µg/L	20		<20



## **Appendix C - Site history review information**



**LOTSEARCH**  
**PLANNING PROFESSIONAL**

## **Planning & Ecological Constraints Report**

**Date: 29 Sep 2023 15:55:10**

**Reference: LS048624 PE**

**Address: 481-487 Swift Street, Albury, NSW 2640**

**Disclaimer:**

The purpose of this report is to provide an overview of some of the planning and ecological 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. Although the data has been produced and processed from sources believed to be reliable, no warranty is made regarding accuracy, completeness, or reliability of any information and is limited to what is publicly available from the relevant authorities.

You should obtain independent advice before you make any decision based on the information within the report. Useful points of contact have been listed at the end of this report.

The detailed terms applicable to use of this report are set out at the end of this report.

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## Planning & Ecological Data Summary Table

Datasets	Dataset Buffer (m)	No. Features Onsite	No. Features within 100m	No. Features within Buffer
<b>Section 1: Environmental Planning Instrument - Primary Planning Layers</b>				
Land Zoning	250	1	2	3
Floor Space Ratio	0	1	-	-
Maximum Height of Building	0	1	-	-
Minimum Lot Size	0	0	-	-
Land Application	0	1	-	-
Land Reservation Acquisition	0	0	-	-
<b>Section 2: Heritage</b>				
Local Heritage	250	2	11	35
State Heritage Register - Curtilages	250	0	0	1
National Heritage List	250	0	0	0
Commonwealth Heritage List	250	0	0	0
<b>Section 3: Environmental Planning Instrument - Protection Layers</b>				
Acid Sulfate Soils	250	0	-	-
Acid Sulfate Soils Sydney Olympic Park	250	0	0	0
Airport Noise	0	0	-	-
Drinking Water Catchment	0	0	-	-
Environmentally Sensitive Land	250	0	0	0
Flood	250	0	0	0
Groundwater Vulnerability	250	0	0	0
Landslide Risk	250	0	0	0
Mineral and Extractive Resources	250	0	0	0
Obstacle Limitation Surface	0	0	-	-
Riparian Lands Watercourses	250	0	0	0
Salinity	250	0	0	0
Scenic Protection	250	0	0	0
Terrestrial Biodiversity	250	0	0	0
Wetlands	250	0	0	0

Section 4: Environmental Planning Instrument - Development Control Layers				
Dwelling Density	0	0	-	-
Foreshore Building Line	250	0	0	0
Local Provisions	0	0	-	-
Section 5: Environmental Planning Instrument - Land Use Layers				
Active Street Frontages	250	0	0	0
Additional Permitted Uses	250	0	0	0
Key Sites	250	0	0	0
Land Reclassification	250	0	0	0
Urban Release Area	250	0	0	0
Section 6: Environmental Planning Instrument - Strategic Regional Land Use Policy				
Additional Rural Village Land	250	0	0	0
Future Residential Growth Area	250	0	0	0
Strategic Agricultural Land	250	0	0	0
Section 7: State Environmental Planning Policy - Coastal Management				
Coastal Environment Area	250	0	0	0
Coastal Use Area	250	0	0	0
Coastal Wetlands	250	0	0	0
Coastal Wetlands Proximity Area	250	0	0	0
Littoral Rainforest	250	0	0	0
Littoral Rainforest Proximity Area	250	0	0	0
Coastal Land Application	0	0	-	-
Section 8: State Environmental Planning Policy - Land Application				
Land Application	0	14	-	-
Section 9: State Environmental Planning Policy - Additional Layers				
Bulk Water Supply Infrastructure	250	0	0	0
Critical Habitat	250	0	0	0
Coal Seam Gas Exclusion Zones	250	1	2	3
Environmental Conservation Area	250	0	0	0
Geotechnical	250	0	0	0
Growth Centres	250	0	0	0

Section 9: State Environmental Planning Policy - Additional Layers				
Industrial Release Area	250	0	0	0
Lease Area	250	0	0	0
Local Complying Exclusion	250	0	0	0
Local Exempt Exclusion	250	0	0	0
Maximum Gross Floor Area	0	0	-	-
Native Vegetation Protection	250	0	0	0
Precinct Boundaries	250	0	0	0
Reduced Level	250	0	0	0
Referral Area	250	0	0	0
Special Areas	250	0	0	0
Special Provision	250	0	0	0
State Significant Development Sites	250	0	0	0
Strategic Foreshore Sites	250	0	0	0
Transport Arterial Road Infrastructure	250	0	0	0
Water Zoning	250	0	0	0
Wetland Protection Area	250	0	0	0
Section 10: Ecology				
Species of National Environmental Significance	250	41	42	42
NSW BioNet Species Sightings	10000	-	-	-

# Site Diagram

481-487 Swift Street, Albury, NSW 2640



<b>Legend</b> <div><div></div> Site Boundary</div> <div><div></div> Internal Parcel Boundaries</div>	<b>Total Area:</b> 2045m <sup>2</sup> <b>Total Perimeter:</b> 182m		<b>Scale:</b> 0 5 10 Meters	
	<b>Disclaimers:</b> Measurements are approximate only and may have been simplified or smaller lengths removed for readability. Parcels that make up a small percentage of the total site area have not been labelled for increased legibility.		Data Source Aerial Imagery: © Aerometrex Pty Ltd	
	Coordinate System: GDA 1994 MGA Zone 56		Date: 29 September 2023	



# Planning Certificate Section 10.7(2)



Certificate Number: 40462

Date Issued: 29/09/2023

## Applicant Details:

Patricia Rosalind Jones  
16 Richmond Drive  
THURGOONA NSW 2640

Applicant Reference: JE10406 - 487  
Parcel Number: 22965

## Property Details:

Title Details: LOT: 1 DP: 912511  
Property Address: 487 Swift Street ALBURY NSW 2640

Section 209 and Schedule 2 to the Environmental Planning and Assessment Regulation 2021,  
issued under the Environmental Planning and Assessment Act 1979 (Act)

## 1. Names of relevant planning instruments and development control plans

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

### **Albury Local Environmental Plan 2010 (Gazetted 13/8/2010)**

The consolidated Albury Local Environmental Plan 2010 is the principal statutory planning instrument to guide planning decisions for the Albury Local Government area.

An electronic version is available at: <https://legislation.nsw.gov.au/view/html/inforce/current/epi-2010-0433#statusinformation>

### **Albury Development Control Plan 2010 (Adopted 13/08/2010)**

The Albury Development Control Plan 2010 contains detailed planning controls that set out the guidelines and considerations against which development proposals can be consistently measured and assessed for determination purposes for the Albury Local Government Area.

An electronic version is available at: <https://www.alburycity.nsw.gov.au/property/plan/planning-controls/albury-development-control-plan-2010>

### **State Environmental Planning Policies**

Full copies of each State Environmental Planning Policy are available online at NSW Legislation website: <https://legislation.nsw.gov.au/browse/inforce#/epi/title/s>

State Environmental Planning Policy No.65 (Design Quality of Residential Apartment Development) 2002

State Environmental Planning Policy (BASIX) 2004

State Environmental Planning Policy (Exempt and Complying Development) 2008

State Environmental Planning Policy (Housing) 2021

State Environmental Planning Policy (Transport and Infrastructure) 2021

State Environmental Planning Policy (Primary Production) 2021

State Environmental Planning Policy (Biodiversity and Conservation) 2021

State Environmental Planning Policy (Resilience and Hazards) 2021

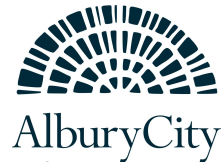
State Environmental Planning Policy (Industry and Employment) 2021

State Environmental Planning Policy (Resources and Energy) 2021

State Environmental Planning Policy (Planning Systems) 2021

State Environmental Planning Policy (Precincts – Regional) 2021

# Planning Certificate Section 10.7(2)



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

## **Planning Proposal - Albury Conservation Zoned Lands Review**

This Planning Proposal seeks to implement Conservation Zone amendments (proposed additions or removal) informed by an ecological assessment. A map of the proposed changes is available to view at the following webpage <https://www.haveyoursay.alburycity.nsw.gov.au/conservation-zoned-lands-review>

The proposed changes primarily address mapping anomalies where zoning does not line up with property boundaries or does not reflect environmental attributes on the ground. Public exhibition closed on 1 February 2023 and submissions received are now being considered. The outcomes of this process is to be reported to Council in mid to late 2023.

- (3) Subsection (2) does not apply in relation to a proposed environmental planning instrument or draft development control plan if:
- (a) It has been more than 3 years since the end of the public exhibition period for the proposed instrument or draft plan, or
  - (b) for a proposed environmental planning instrument – the Planning Secretary has notified the council that the making of the proposed instrument has been deferred indefinitely or has not been approved.

- (4) In this section:

**proposed environmental planning instrument** means a draft environmental planning instrument and includes a planning proposal for a local environment plan.

## **2. Zoning and land use under relevant planning instruments**

*The following matters for each environmental planning instrument or draft environmental planning instrument that includes the land in a zone, however described:*

- (a) the identity of the zone, whether by reference to:
- (i) a name such as “Residential Zone” or “Heritage Area”, or
  - (ii) a number (such as “Zone No 2 (a)”,

**Zone: E2 - Commercial Centre Zone**

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

**Refer to Appendix A**

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

**All permitted development (construction and/or use) in this zone requires approval (development consent or complying development certificate) unless it is permitted without consent or, if listed as Exempt Development in State Environmental Planning Policy (Exempt & Complying Development Codes) 2008 or where relevant in Clause 3.1 of Albury LEP 2010 (Refer to Appendix A). The demolition of all houses and most buildings or structures on the land require development consent unless it is Exempt Development.**

- (iii) is prohibited

**Refer to Appendix A**

- (c) whether additional permitted uses apply to the land

**None apply**

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

**Note: No minimum lot size has been assigned to the subject land.**



# Planning Certificate Section 10.7(2)



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

**None apply**

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

**None apply**

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

**This land is occupied by a Heritage Item and is subject to the planning provisions of clause 5.10 - Heritage Conservation of the Albury Local Environmental Plan 2010 and Part 7 Albury Development Control Plan 2010 (Heritage Conservation). Any demolition, subdivision or alteration (including exterior painting) of buildings or land or other similar works will require development consent.**

### 3. Contributions plans

- (1) *The name of each contribution plan under the Act, Division 7.1 applying to the land, including draft contribution plans:*

**Section 94 Development Servicing Plan**, March 2005 as amended. This plan details charges to be levied on development, lodged prior to 30 June 2014.

**Section 64 Development Servicing Plan**, July 2004 as amended. This plan details charges to be levied on development, lodged prior to 30 June 2014.

**Albury Infrastructure Contributions Plan 2014**. This plan details the Local Infrastructure Contributions, including Section 64 contributions, Section 7.11 (formerly Section 94) contributions or Section 7.12 (formerly Section 94A contributions), to be levied on development and complying development lodged from 1 July 2014, to meet the cost of new and upgraded Local Infrastructure, Water and Wastewater Management Works. The *Albury Infrastructure Contributions Plan 2014* is available to view on Council's website: <https://www.alburycity.nsw.gov.au>

- (2) If the land is in a special contributions area under the Act, Division 7.1, the name of the area:

**None apply**

### 4. Complying development

- (1) If the land is land on which complying development may be carried out under each of the complying development codes under *State Environment Planning Policy (Exempt and Complying Development Codes) 2008*, because of that Policy, clause 1.17A (1) (c) to (e), (2), (3) or (4), 1.18 (1) (c3) and 1.19.
- (2) If complying development may not be carried out on the land because of 1 of those clauses, the reason why it may not be carried out under the clause.
- (3) If the council does not have sufficient information to ascertain the extent to which complying development may or may not be carried out on the land, a statement that:
- (a) a restriction applies to the land, but it may not apply to all of the land, and
  - (b) the council does not have sufficient information to ascertain the extent to which complying development may or may not be carried out on the land.
- (4) If the complying development codes are varied, under that Policy, clause 1.12, in relation to the land.

**Does this apply to the land?**

#### **Housing Code**

Complying Development may not be carried out under the Housing Code as the subject land falls within a Local Environmental Plan zone that does not meet the requirements of the code.

#### **Rural Housing Code**

Complying Development may not be carried out under the Rural Housing Code as the subject land falls within a Local Environmental Plan zone that does not meet the requirements of the code.

**Low Rise Housing Diversity Code**

Complying Development may not be carried out under the Low Rise Housing Diversity Code as the subject land falls within a Local Environmental Plan zone that does not meet the requirements of the code.

**Greenfield Housing Code**

Complying Development may not be carried out under the Greenfield Housing Code as the subject land is not within the designated Greenfield Housing Code Area.

**Inland Code**

Complying Development may not be carried out under the Inland Code as the subject land falls within a Local Environmental Plan zone that does not meet the requirements of the code.

**Housing Alterations Code**

Complying Development under the Housing Alterations Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**General Development Code**

Complying Development under the General Development Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**Demolition Code**

Complying Development under the Demolition Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**Commercial and Industrial Alterations Code**

Complying Development under the Commercial and Industrial Alterations Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**Container Recycling Facilities Code**

Complying Development under the Container Recycling Facilities Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**Subdivision Code**

Complying Development under the Subdivision Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**Commercial and Industrial (New Building and Additions) Code**

Complying Development under the Commercial & Industrial (New Buildings and Additions) Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**Fire Safety Code**

Complying Development under the Fire Safety Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**Note:** Despite any references above advising that Complying Development may be undertaken on the land, certain Complying Development may be precluded from occurring on the land due to requirements contained in the remainder of State Environment Planning Policy (Exempt and Complying Development Codes) 2008. It is necessary to review the State Environment Planning Policy in detail to ensure that specific types of complying development may be undertaken on the land.

## 5. Exempt Development

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

# Planning Certificate Section 10.7(2)



- (2) If exempt development may not be carried out on the land because of 1 of those clauses, the reasons why it may not be carried out under the clause.
- (3) If the council does not have sufficient information to ascertain the extent to which exempt development may or may not be carried out on the land, a statement that:
  - (a) a restriction applies to the land, but it may not apply to all of the land, and
  - (b) the council does not have sufficient information to ascertain the extent to which exempt development may or may not be carried out on the land.
- (4) If the exempt development codes are varied, under that Policy, clause 1.12, in relation to that land.

## Does this apply to the land?

There is no land within the Albury local government area identified:

1.16(1)(b1) as a declared area of outstanding biodiversity value under the Biodiversity Conservation Act 2016 <https://legislation.nsw.gov.au/view/html/inforce/current/act-2016-063>, or

declared critical habitat under Part 7A of the Fisheries Management Act 1994 <https://legislation.nsw.gov.au/view/html/inforce/current/act-1994-038>, and

1.16(1)(b2) as, or part of, a wilderness area (within the meaning of Wilderness Act 1987 <https://legislation.nsw.gov.au/view/html/inforce/current/act-1987-196>), and

1.16(1)(d) described or otherwise identified on a map specified in Schedule 4 – Land excluded from the General Exempt Development Code.

1.16A within 18 kilometres of Siding Spring Observatory.

**Note:** Despite any references above advising that Exempt Development may be undertaken on the land, certain Exempt Development may be precluded from occurring on the land due to requirements contained in the remainder of State Environment Planning Policy (Exempt and Complying Development Codes) 2008. It is necessary to review the State Environment Planning Policy in detail to ensure that specific types of exempt development may be undertaken on the land

## 6. Affected building notices and building product rectification order

- (1) Whether the council is aware that:
  - (a) an affected building notice is in force in relation to the land, or
  - (b) a building product rectification order is in force in relation to the land that has not been fully complied with, or
  - (c) a notice of intention to make a building product rectification order given in relation to the land is outstanding.

## Does this apply to the land?

None that council is aware of

- (2) In this section:

**Affected building notice** has the same meaning as in the Building Products (Safety) Act 2017, Part 4.

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

## 7. Land reserved for acquisition

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

## Does this apply to the land?

None apply

## 8. Road widening and road realignment

- (1) Whether the land is affected by road widening or road realignment under:
  - (a) the Roads Act 1993, Part 3, Division 2, or
  - (b) an environmental planning instrument, or

- (c) a resolution of the council.

**Does this apply to the land?**

The land is not in close proximity to the ring road.

The land is not affected by road widening or road re-alignment under Division 2 or Part 3 of the Roads Act 1993 or a resolution by Albury City Council.

## 9. Flood related development controls information

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

**Does this apply to the land?**

None apply

- (3) In this section:

**flood planning area** has the same meaning as in the Floodplain Development Manual.

**Floodplain Development Manual** means the *Floodplain Development Manual* (ISBN 0 7347 5476 0) published by the NSW Government in April 2005.

**probable maximum flood** has the same meaning as in the Floodplain Development Manual.

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

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

**Contaminated Land Policy:**

The council has adopted by resolution a policy on contaminated land which may restrict the development of the land. This policy is implemented when zoning or land use changes are proposed on lands which have previously been used for certain purposes. Consideration of council's adopted policy and the application of provisions under relevant State legislation is warranted.

- (2) In this section:

**adopted policy** means a policy adopted:

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

## 11. Bush fire prone land

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

**Does this apply to the land?**

None apply

## 12. Loose-fill asbestos insulation

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

**Does this apply to the land?**

None apply

## 13. Mine subsidence

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

**Does this apply to the land?**

This land is not proclaimed to be a mine subsidence district within the meaning of the Coal Mine Subsidence Compensation Act 2017.

## 14. Paper subdivision information

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

**Does this apply to the land?**

None apply

## 15. Property vegetation plans

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

**Does this apply to the land?**

None apply

## 16. Biodiversity stewardship sites

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

**Does this apply to the land?**

None that council is aware of

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

## 17. Biodiversity certified land

If the land is biodiversity certified land under the Biodiversity Conservation Act 2016, Part 8, a statement to that effect.

**Does this apply to the land?**

Yes, applies. The Minister of Climate Change and the Environment has by Order Conferring biodiversity certification on the Albury Local Environmental Plan 2010 (except where amended by Biodiversity Certification of Environmental Planning Instruments Order 2017 dated 21 November 2017) conferred Biodiversity Certification on the subject land on 16 February 2011. Biodiversity Certification takes effect from the date of publication of this Order in the Government Gazette, being 25 February 2011, and following extension on 15 February 2021, shall remain in force for a period of up to five years, expiring on 24 February 2026.

Note: Biodiversity certified land includes land certified under the Threatened Species Conservation Act 1995, Part 7AA that are taken to be certified under the Biodiversity Conservation Act 2016, Part 8.

## 18. Orders under *Trees (Disputes Between Neighbours) Act 2006*

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

**Does this apply to the land?**

None that council is aware of

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

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

**Does this apply to the land?**

None apply

- (2) In this section:

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

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

**20. Western Sydney Aerotropolis**

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

- (a) in an ANEF or ANEC contour of 20 or greater, as referred to in that Chapter, section 4.17, or
- (b) shown on the Lighting Intensity and Wind Shear Map, or
- (c) shown on the Obstacle Limitation Surface Map, or
- (d) in the “public safety area” on the Public Safety Area Map, or
- (e) in the “3 kilometre wildlife buffer zone” or the “13 Kilometre wildlife buffer zone” on the Wildlife Buffer Zone Map.

**Does this apply to the land?**

None apply

**21. Development consent conditions for seniors housing**

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

**Does this apply to the land?**

None that council is aware of

**22. Site compatibility certificates and development consent conditions for affordable rental housing**

- (1) Whether there is a current site compatibility certificate under State Environmental Planning Policy (Housing) 2021, or a former site compatibility certificate, of which the council is aware, in relation to proposed development on the land and, if there is a certificate:

- (a) the period for which the certificate is current, and
- (b) that a copy may be obtained from the Department.

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

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

**Does this apply to the land?**

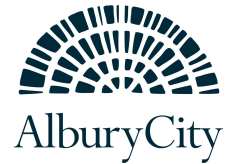
None that council is aware of

- (4) In this section:

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



# Planning Certificate Section 10.7(2)



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

- (a) that the land to which the certificate relates is significantly contaminated land within the meaning of that Act-if the land (or part of the land) is significantly contaminated land at the date when the certificate is issued,

**None apply**

- (b) that the land to which the certificate relates is subject to a management order within the meaning of that Act-if it is subject to such an order at the date when the certificate is issued,

**None apply**

- (c) that the land to which the certificate relates is the subject of an approved voluntary management proposal within the meaning of that Act-if it is the subject of such an approved proposal at the date when the certificate is issued,

**None apply**

- (d) that the land to which the certificate relates is subject to an ongoing maintenance order within the meaning of that Act-if it is subject to such an order at the date when the certificate is issued,

**None apply**

- (e) that the land to which the certificate relates is the subject of a site audit statement within the meaning of that Act-if a copy of such a statement has been provided at any time to the local authority issuing the certificate.

**None apply**

## NOTATIONS:

### Threatened Species

None apply

### Other Development Constraints

#### Floor Space Ratio

This land is subject to specific floor space ratio controls and the Planning Provisions of clause 4.4 - Floor Space Ratio and clause 4.5 - Calculation of floor space ratio and site area of Albury Local Environmental Plan 2010 and Part 10 of Albury Development Control Plan 2010 if located within a Residential Zone or Part 11 of Albury Development Control Plan 2010 if located within a Commercial Zone.

#### Height of Buildings

This land is subject to specific building height controls and the Planning Provisions of clause 4.3 - Height of Buildings - Albury Local Environmental Plan 2010 and Part 10 of Albury Development Control Plan 2010 if located within a Residential Zone, or Part 11 of Albury Development Control Plan 2010 if located within a Commercial Zone.

State Environmental Planning Policy (Biodiversity and Conservation) 2021 - Chapter 5 'River Murray lands' (formerly Murray Regional Environmental Plan No 2 - Riverine Land) applies to this land.

## GENERAL COMMENTS

See Appendix A for the objectives of the zones affecting the subject land.

Planning Instruments and the *Albury Development Control Plan 2010* impose various restrictions on the use of the land which are not attributable to the zoning or reservation of the land.

*Albury Development Control Plan 2010* complements the provisions of *Albury Local Environmental Plan 2010* and contains the detailed planning provisions relating to development standards and guidelines which will be considered by Council when assessing a development application.

The above information has been taken from the Council's records but Council cannot accept responsibility for any omission or inaccuracy.

The provisions of any covenant, agreement or instrument applying to this land purporting to restrict or prohibit certain development may be inconsistent with the provisions of a *Regional Environmental Plan*, *State Environmental Planning Policy*, *Albury Local Environmental Plan 2010* or *Albury Development Control Plan 2010*. In these circumstances any such covenant, agreement or instrument may be overwritten under clause 1.9A of the *Albury Local Environmental Plan 2010*.



David Christy

**Service Leader City Development**

**Infrastructure, Planning and Environment**

### E2 COMMERCIAL CENTRE ZONE

#### Land Use Table

##### 1. Objectives of zone

- To strengthen the role of the commercial centre as the centre of business, retail, community and cultural activity.
- To encourage investment in commercial development that generates employment opportunities and economic growth.
- To encourage development that has a high level of accessibility and amenity, particularly for pedestrians.
- To enable residential development that is consistent with the Council's strategic planning for residential development in the area.
- To ensure that new development provides diverse and active street frontages to attract pedestrian traffic and to contribute to vibrant, diverse and functional streets and public spaces.
- To increase the permanent population within the commercial cores by encouraging the development of shop top housing and mixed use developments.

##### 2. Permitted without consent

Home-based child care Home occupations

##### 3. Permitted with consent

Amusement centres Artisan food and drink industries Backpackers' accommodation Building identification signs Business identification signs Centre-based child care facilities Commercial premises Community facilities Creative industries Educational establishments Entertainment facilities Function centres Home businesses Home industries Hotel or motel accommodation Information and education facilities Local distribution premises Medical centres Mortuaries Oyster aquaculture Passenger transport facilities Places of public worship Recreation areas Recreation facilities (indoor) Recreation facilities (outdoor) Registered clubs Respite day care centres Restricted premises Roads Tank-based aquaculture Vehicle repair stations Veterinary hospitals Any other development not specified in item 2 or 4

##### 4. Prohibited

Agriculture Air transport facilities Airstrips Animal boarding or training establishments Bed and breakfast accommodation Camping grounds Caravan parks Correctional centres Crematoria Depots Eco-tourist facilities Electricity generating works Exhibition homes Exhibition villages Extractive industries Farm buildings Farm stay accommodation Forestry Freight transport facilities Heavy industrial storage establishments Home occupations (sex services) Industrial retail outlets Industrial training facilities Industries Marinas Mooring pens Open cut mining Recreation facilities (major) Research stations Residential accommodation Rural industries Sewerage systems Sex services premises Storage

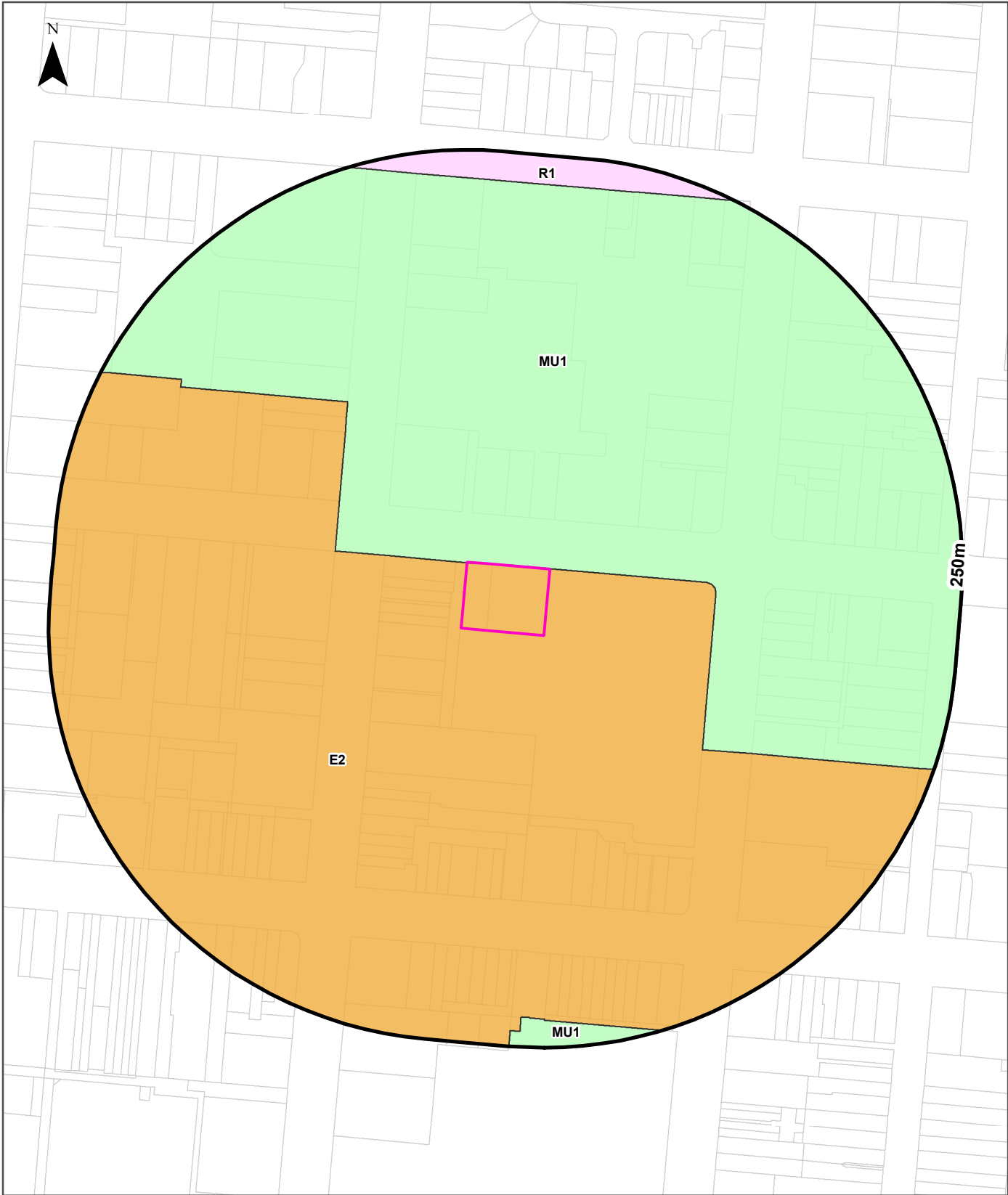
# Planning Certificate Section 10.7(2)



premises Truck depots Vehicle body repair workshops Warehouse or distribution centres Waste or resource management facilities Wharf or boating facilities

## Development in the E2 Commercial Centre Zone

*State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* (Codes SEPP) and Clause 3.1 of the Albury LEP 2010 allows certain types of development, known as “Exempt Development” to be undertaken generally without development consent on the subject property. Please visit the NSW Planning Portal for more information <https://www.planningportal.nsw.gov.au/>.



<b>Legend</b> <div><div></div> Site Boundary</div> <div><div></div> Dataset Buffer</div> <div><div></div> Plan Boundaries</div>		<b>Scale:</b> 0 25 50 100 150 Meters	
		Data Sources: Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2023 Planning: NSW Crown Copyright - Planning & Environment	
		Coordinate System: GDA 1994 MGA Zone 56	Date: 29 September 2023

## Section 1 - EPI Primary Planning Layers

481-487 Swift Street, Albury, NSW 2640

### Land Zoning

What EPI Land Zones exist within the dataset buffer?

Symbol	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Dist	Dir
E2	Commercial Centre		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	0m	Onsite
MU1	Mixed Use		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	0m	South West
R1	General Residential		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	233m	North

### Floor Space Ratio

What are the on-site EPI Floor Space Ratios?

Symbol	Floor Space Ratio	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Percentage of Site Area
22	3.00	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	19/04/2013		100

### Maximum Height of Buildings

What are the on-site EPI Maximum Height of Buildings?

Symbol	Maximum Height of Building	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Percentage of Site Area
22	35m	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010		100

### Land Application

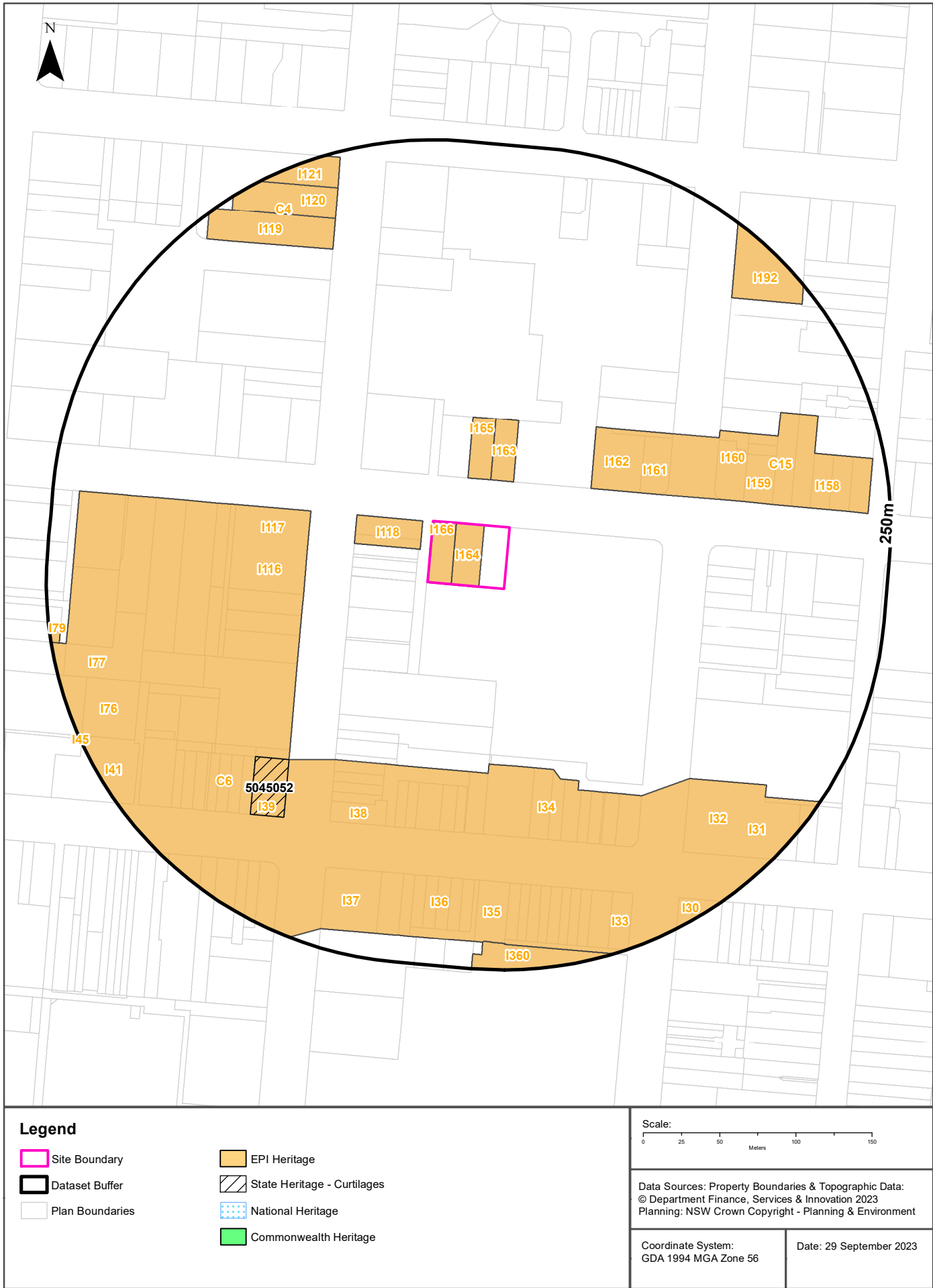
What are the on-site EPI Land Applications?

Application Type	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Percentage of Site Area
Included	Albury Local Environmental Plan 2010	28/03/2014	28/03/2014	28/03/2014	Amendment No 11	100

The following datasets have no features within their respective dataset buffer:

- Minimum Lot Size
- Land Reservation Acquisition

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## Section 2 - Heritage

481-487 Swift Street, Albury, NSW 2640

### EPI Primary Planning Layers - Heritage

What EPI Heritage exist within the dataset buffer?

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I164	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	0m	Onsite
I166	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	0m	Onsite
I118	Shops "Abikhair's"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	7m	West
I165	Funeral Parlour & Residence	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	30m	North
I163	House "Torlochan"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	30m	North
I162	Terrace House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	59m	North East
C15	Swift Street Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	59m	East
C6	Dean Street Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	81m	South West
I116	Methodist Church	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	81m	West
I117	Methodist Church Hall	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	81m	West
I161	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	88m	North East
I34	Shops	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	115m	South
I160	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	136m	East
I38	Former Bank	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	146m	South West
I39	Music Conservatorium (Albury Technical College)	Item - General	State	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	148m	South West
I159	Terrace House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	154m	East
I32	Cinema Centre	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	173m	South East
I158	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	185m	East
C4	St David's Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	190m	North West

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I119	St David's Manse	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	190m	North West
I35	Abikhairs Building	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	192m	South
I36	Shops	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	192m	South
I37	CML Building	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	192m	South
I77	St Matthew's Rectory	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	192m	West
I76	St Matthew's Church	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	200m	West
I192	Soden's Hotel Accommodation	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	209m	North East
I120	St David's Church Hall	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	209m	North West
I33	Shop "Florence Chemist"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	211m	South
I31	Shop	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	215m	South East
I41	Regional Art Centre	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	223m	South West
I121	St David's Church	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	227m	North West
I360	Albury Public School	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	231m	South
I30	Shop	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	232m	South East
I79	Bellbridge Hague	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	242m	West
I45	Court House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	249m	South West

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## State Heritage Register - Curtilages

What State Heritage Register exist within the dataset buffer?

Map Id	Name	Address	LGA	Listing Date	Listing No	Plan No	Distance	Direction
5045052	Albury Technical College	502 Dean Street Albury	ALBURY CITY	02/04/1999	00137	399	148m	South West

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The following datasets have no features within their respective dataset buffer:

- National Heritage List
- Commonwealth Heritage List

## Section 3 - EPI Protection Layers

**481-487 Swift Street, Albury, NSW 2640**

The following datasets have no features within their respective dataset buffer:

- Acid Sulfate Soils
- Acid Sulfate Soils SOP
- Airport Noise
- Drinking Water Catchment
- Environmentally Sensitive Land
- Flood
- Groundwater Vulnerability
- Landslide Risk
- Mineral and Extractive Resources
- Obstacle Limitation Surface
- Riparian Lands Watercourses
- Salinity
- Scenic Protection
- Terrestrial Biodiversity
- Wetlands

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## Section 4 - EPI Development Control Layers

**481-487 Swift Street, Albury, NSW 2640**

The following datasets have no features within their respective dataset buffer:

- Dwelling Density
- Foreshore Building Lines
- Local Provisions

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## Section 5 - EPI Land Use Layers

**481-487 Swift Street, Albury, NSW 2640**

The following datasets have no features within their respective dataset buffer:

- Active Street Frontages
- Additional Permitted Uses
- Key Sites
- Land Reclassification
- Urban Release Area

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## Section 6 - EPI Strategic Regional Land Use Policy

**481-487 Swift Street, Albury, NSW 2640**

The following datasets have no features within their respective dataset buffer:

- Additional Rural Village Land
- Future Residential Growth Area
- Strategic Agricultural Land

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## Section 7 - SEPP Coastal Management

**481-487 Swift Street, Albury, NSW 2640**

The following datasets have no features within their respective dataset buffer:

- Coastal Environment Area
- Coastal Use Area
- Coastal Wetlands
- Coastal Wetlands Proximity Area
- Littoral Rainforest
- Littoral Rainforest Proximity Area
- Coastal Land Application

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## Section 8 - SEPP Land Application

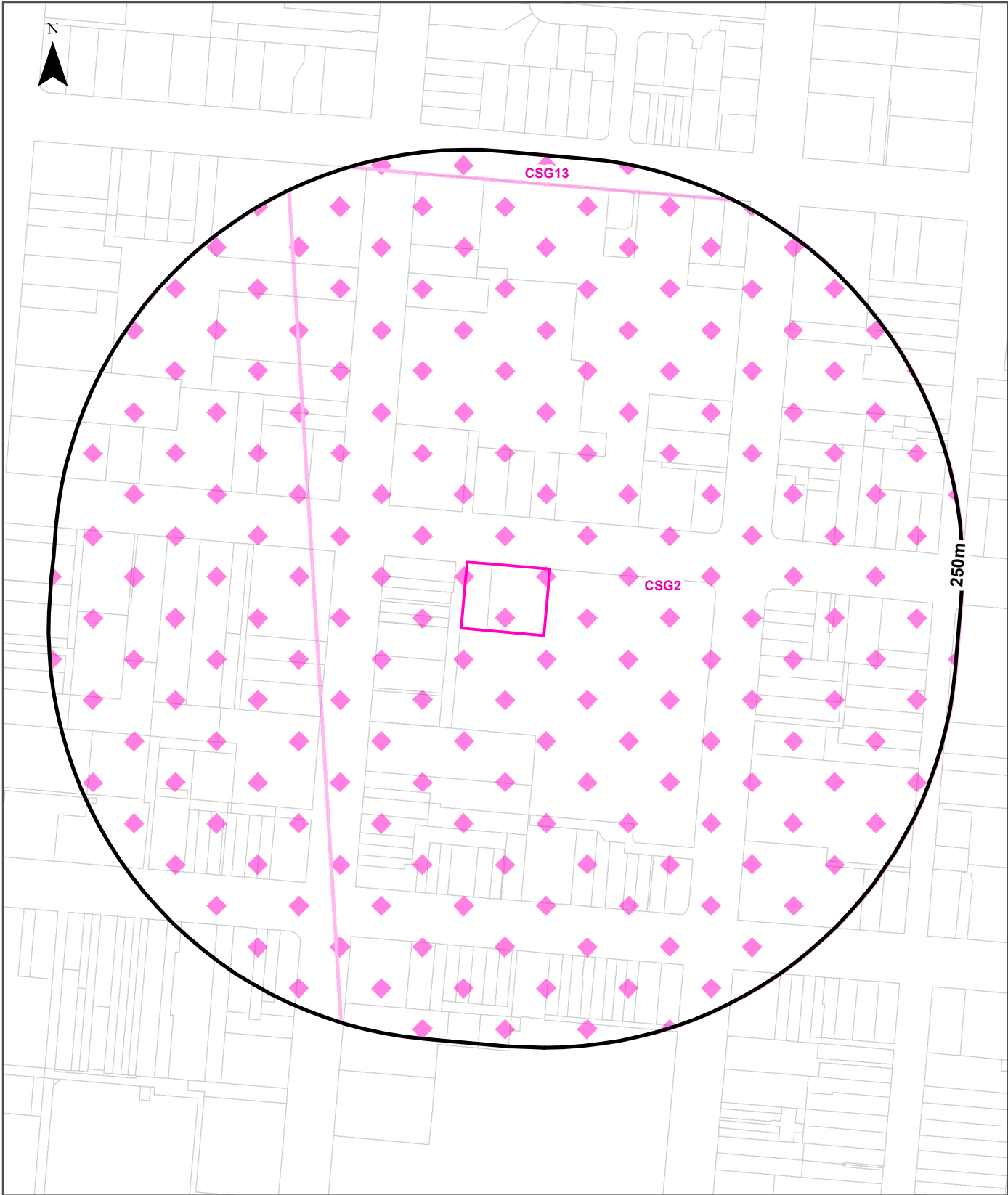
481-487 Swift Street, Albury, NSW 2640

### SEPP Land Application

What are the on-site SEPP Land Applications?

EPI Name	Name	Classification	Published Date	Commenced Date	Currency Date	Amendment	Percentage of Site Area
State Environmental Planning Policy (Biodiversity and Conservation) 2021		Land Application	02/12/2021	01/03/2022	01/03/2022		100
State Environmental Planning Policy (Transport and Infrastructure) 2021		Land Application	02/12/2021	01/03/2022	01/03/2022		100
State Environmental Planning Policy (Resilience and Hazards) 2021		Land Application	02/12/2021	01/03/2022	01/03/2022		100
State Environmental Planning Policy (Resources and Energy) 2021		Land Application	02/12/2021	01/03/2022	01/03/2022		100
State Environmental Planning Policy (Biodiversity and Conservation) 2021		Allowable Clearing Area	21/10/2022	21/11/2022	21/11/2022	State Environmental Planning Policy Amendment (Water Catchments) 2022	100
State Environmental Planning Policy No 65 - Design Quality of Residential Apartment Development		Land Application	26/07/2002	26/07/2002	17/07/2015		100
State Environmental Planning Policy (Biodiversity and Conservation) 2021		Subject Land	02/12/2021	01/03/2022	01/03/2022		100
State Environmental Planning Policy (Transport and Infrastructure) 2021	Subject Land	Subject Land	02/12/2021	01/03/2022	01/03/2022		100
State Environmental Planning Policy (Building Sustainability Index: BASIX) 2004		Land Application	25/06/2004	25/06/2004	22/02/2014		100
State Environmental Planning Policy (Exempt and Complying Development Codes) 2008		Land Application	12/12/2008	27/02/2009	27/11/2015		100
State Environmental Planning Policy (Housing) 2021		Land Application	26/11/2021	26/11/2021	26/11/2021		100
State Environmental Planning Policy (Industry and Employment) 2021		Land Application	02/12/2021	01/03/2022	01/03/2022		100
State Environmental Planning Policy (Planning Systems) 2021		Land Application	02/12/2021	01/03/2022	01/03/2022		100
State Environmental Planning Policy (Primary Production) 2021		Land Application	02/12/2021	01/03/2022	01/03/2022		100

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<b>Legend</b>  <div><div></div> Site Boundary</div> <div><div></div> Dataset Buffer</div> <div><div></div> Plan Boundaries</div> <div><div></div> Coal Seam Gas Exclusion Zones</div>	<b>Scale:</b> 0 25 50 100 150 Meters	
	Data Sources: Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2023 Planning: NSW Crown Copyright - Planning & Environment	
	Coordinate System: GDA 1994 MGA Zone 56	Date: 29 September 2023

## Section 9 - SEPP Additional Layers

481-487 Swift Street, Albury, NSW 2640

### Coal Seam Gas Exclusion Zones

What SEPP Coal Seam Gas Exclusion Zones exist within the dataset buffer?

Map Id	Classification	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
CSG2	Buffer Area	State Environmental Planning Policy (Resources and Energy) 2021	02/12/2021	01/03/2022	01/03/2022		0m	Onsite
CSG2	Buffer Area	State Environmental Planning Policy (Resources and Energy) 2021	02/12/2021	01/03/2022	01/03/2022		88m	North West
CSG13	Land Within a Residential Zone	State Environmental Planning Policy (Resources and Energy) 2021	02/12/2021	01/03/2022	01/03/2022		233m	North

The following datasets have no features within their respective dataset buffer:

- Bulk Water Supply Infrastructure
- Critical Habitat
- Environmental Conservation Area
- Geotechnical
- Growth Centres
- Industrial Release Area
- Lease Area
- Local Complying Exclusions
- Local Exempt Exclusions
- Maximum Gross Floor Area
- Native Vegetation Protection
- Precinct Boundaries
- Reduced Level
- Referral Area
- Special Areas
- Special Provision
- State Significant Development Sites
- Strategic Foreshore Sites
- Transport Arterial Road Infrastructure
- Water Zoning
- Wetland Protection Area

State Environmental Planning Policy Data Source: NSW Crown Copyright - Planning & Environment  
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## Section 10 - Ecology

481-487 Swift Street, Albury, NSW 2640

### Species of National Environmental Significance

What Species of National Environmental Significance as listed in the Environment Protection and Biodiversity Conservation (EPBC) Act 1999 exist within the dataset buffer?

Id	Scientific	Common	Group	Threatened Status	Migratory Status	Prescence Category	Grid Size	Distance	Direction
592	Rhipidura rufifrons	Rufous Fantail	birds		Migratory	Species or species habitat likely to occur	1km	0m	Onsite
612	Myiagra cyanoleuca	Satin Flycatcher	birds		Migratory	Species or species habitat likely to occur	1km	0m	Onsite
644	Motacilla flava	Yellow Wagtail	birds		Migratory	Species or species habitat may occur	1km	0m	Onsite
670	Merops ornatus	Rainbow Bee-eater	birds			Species or species habitat may occur	1km	0m	Onsite
678	Apus pacificus	Fork-tailed Swift	birds		Migratory	Species or species habitat likely to occur	1km	0m	Onsite
705	Chrysococcyx osculans	Black-eared Cuckoo	birds			Species or species habitat likely to occur	1km	0m	Onsite
726	Neophema chrysostoma	Blue-winged Parrot	birds			Species or species habitat likely to occur	1km	0m	Onsite
858	Calidris melanotos	Pectoral Sandpiper	birds		Migratory	Species or species habitat may occur	1km	0m	Onsite
863	Gallinago hardwickii	Latham's Snipe, Japanese Snipe	birds		Migratory	Species or species habitat likely to occur	1km	0m	Onsite
874	Calidris acuminata	Sharp-tailed Sandpiper	birds		Migratory	Species or species habitat may occur	1km	0m	Onsite
889	Rostratula benghalensis (sensu lato)	Painted Snipe	birds			Species or species habitat likely to occur	1km	0m	Onsite
943	Haliaeetus leucogaster	White-bellied Sea-Eagle	birds			Species or species habitat likely to occur	10km	0m	Onsite
59309	Actitis hypoleucos	Common Sandpiper	birds		Migratory	Species or species habitat may occur	1km	0m	Onsite
59542	Ardea ibis	Cattle Egret	birds			Species or species habitat may occur	1km	0m	Onsite
82338	Anthochaera phrygia	Regent Honeyeater	birds	Critically Endangered		Species or species habitat likely to occur	10km	0m	Onsite
847	Numenius madagascariensis	Eastern Curlew, Far Eastern Curlew	birds	Critically Endangered	Migratory	Species or species habitat may occur	1km	0m	Onsite
856	Calidris ferruginea	Curlew Sandpiper	birds	Critically Endangered	Migratory	Species or species habitat may occur	1km	0m	Onsite
906	Pedionomus torquatus	Plains-wanderer	birds	Critically Endangered		Species or species habitat may occur	10km	0m	Onsite
1001	Botaurus poiciloptilus	Australasian Bittern	birds	Endangered		Species or species habitat likely to occur	1km	0m	Onsite
768	Callocephalon fimbriatum	Gang-gang Cockatoo	birds	Endangered		Species or species habitat likely to occur	1km	0m	Onsite
77037	Rostratula australis	Australian Painted Snipe	birds	Endangered		Species or species habitat likely to occur	1km	0m	Onsite
929	Falco hypoleucos	Grey Falcon	birds	Vulnerable		Species or species habitat likely to occur	10km	0m	Onsite
738	Polytelis swainsonii	Superb Parrot	birds	Vulnerable		Species or species habitat likely to occur	10km	0m	Onsite
470	Grantiella picta	Painted Honeyeater	birds	Vulnerable		Species or species habitat likely to occur	1km	0m	Onsite
682	Hirundapus caudacutus	White-throated Needletail	birds	Vulnerable	Migratory	Species or species habitat likely to occur	1km	0m	Onsite

Id	Scientific	Common	Group	Threatened Status	Migratory Status	Prescence Category	Grid Size	Distance	Direction
84745	Galaxias rostratus	Flathead Galaxias, Beaked Minnow, Flat-headed Galaxias, Flat-headed Jollytail, Flat-headed Minnow	fishes	Critically Endangered		Species or species habitat may occur	1km	0m	Onsite
66632	Macquaria australasica	Macquarie Perch	fishes	Endangered		Species or species habitat may occur	1km	0m	Onsite
55144	Prasophyllum petilum	Tarengo Leek Orchid	flora	Endangered		Species or species habitat may occur	10km	0m	Onsite
7580	Swainsona recta	Small Purple-pea, Mountain Swainson-pea, Small Purple Pea	flora	Endangered		Species or species habitat may occur	1km	0m	Onsite
89104	Leucochrysum albicans subsp. tricolor	Hoary Sunray, Grassland Paper-daisy	flora	Endangered		Species or species habitat likely to occur	1km	0m	Onsite
10268	Prasophyllum validum	Sturdy Leek-orchid, Mount Remarkable Leek-orchid	flora	Vulnerable		Species or species habitat may occur	10km	0m	Onsite
19215	Amphibromus fluitans	River Swamp Wallaby-grass, Floating Swamp Wallaby-grass	flora	Vulnerable		Species or species habitat likely to occur	1km	0m	Onsite
5505	Caladenia concolor	Crimson Spider-orchid, Maroon Spider-orchid	flora	Vulnerable		Species or species habitat likely to occur	10km	0m	Onsite
59151	Crinia sloanei	Sloane's Froglet	frogs	Endangered		Species or species habitat likely to occur	1km	0m	Onsite
1828	Litoria raniformis	Growling Grass Frog, Southern Bell Frog, Green and Golden Frog, Warty Swamp Frog, Golden Bell Frog	frogs	Vulnerable		Species or species habitat likely to occur	1km	0m	Onsite
75184	Dasyurus maculatus maculatus (SE mainland population)	Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population)	mammals	Endangered		Species or species habitat may occur	1km	0m	Onsite
85104	Phascogale cinereus (combined populations of Qld, NSW and the ACT)	Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory)	mammals	Endangered		Species or species habitat likely to occur	1km	0m	Onsite
83395	Nyctophilus corbeni	Corben's Long-eared Bat, South-eastern Long-eared Bat	mammals	Vulnerable		Species or species habitat may occur	1km	0m	Onsite
186	Pteropus poliocephalus	Grey-headed Flying-fox	mammals	Vulnerable		Species or species habitat likely to occur	1km	0m	Onsite
1649	Delma impar	Striped Legless Lizard, Striped Snake-lizard	reptiles	Vulnerable		Species or species habitat may occur	1km	0m	Onsite
1665	Aprasia parapulchella	Pink-tailed Worm-lizard, Pink-tailed Legless Lizard	reptiles	Vulnerable		Species or species habitat likely to occur	10km	0m	Onsite
1828	Litoria raniformis	Growling Grass Frog, Southern Bell Frog, Green and Golden Frog, Warty Swamp Frog, Golden Bell Frog	frogs	Vulnerable		Species or species habitat may occur	1km	16m	North West

EPBC Data Source: Commonwealth of Australia (Department of the Environment and Energy)

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## NSW BioNet Atlas

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

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Amphibia	<i>Crinia sloanei</i>	Sloane's Froglet	Endangered	Not Sensitive	Endangered	
Animalia	Amphibia	<i>Heleioporus australiacus</i>	Giant Burrowing Frog	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Amphibia	<i>Litoria raniformis</i>	Southern Bell Frog	Endangered	Not Sensitive	Vulnerable	
Animalia	Aves	<i>Anseranas semipalmata</i>	Magpie Goose	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Anthochaera phrygia</i>	Regent Honeyeater	Critically Endangered	Category 2	Critically Endangered	
Animalia	Aves	<i>Apus pacificus</i>	Fork-tailed Swift	Not Listed	Not Sensitive	Not Listed	ROKAMBA;C AMBA;JAMBA
Animalia	Aves	<i>Artamus cyanopterus cyanopterus</i>	Dusky Woodswallow	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Botaurus poiciloptilus</i>	Australasian Bittern	Endangered	Not Sensitive	Endangered	
Animalia	Aves	<i>Burhinus grallarius</i>	Bush Stone-curlew	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	<i>Calidris acuminata</i>	Sharp-tailed Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;C AMBA;JAMBA
Animalia	Aves	<i>Callocephalon fimbriatum</i>	Gang-gang Cockatoo	Vulnerable	Category 3	Endangered	
Animalia	Aves	<i>Certhionyx variegatus</i>	Pied Honeyeater	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Chthonicola sagittata</i>	Speckled Warbler	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Circus assimilis</i>	Spotted Harrier	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Climacteris picumnus victoriae</i>	Brown Treecreeper (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Daphoenositta chrysoptera</i>	Varied Sittella	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Falco subniger</i>	Black Falcon	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Gallinago hardwickii</i>	Latham's Snipe	Not Listed	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	Vulnerable	Category 3	Not Listed	
Animalia	Aves	<i>Glossopsitta pusilla</i>	Little Lorikeet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Grantiella picta</i>	Painted Honeyeater	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	<i>Haliaeetus leucogaster</i>	White-bellied Sea-Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Hieraaetus morphnoides</i>	Little Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Hirundapus caudacutus</i>	White-throated Needle-tail	Not Listed	Not Sensitive	Vulnerable	ROKAMBA;C AMBA;JAMBA
Animalia	Aves	<i>Lathamus discolor</i>	Swift Parrot	Endangered	Not Sensitive	Critically Endangered	
Animalia	Aves	<i>Melanodryas cucullata cucullata</i>	Hooded Robin (south-eastern form)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Melithreptus gularis gularis</i>	Black-chinned Honeyeater (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Neophema chrysostoma</i>	Blue-winged Parrot	Vulnerable	Not Sensitive	Vulnerable	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	<i>Neophema pulchella</i>	Turquoise Parrot	Vulnerable	Category 3	Not Listed	
Animalia	Aves	<i>Ninox connivens</i>	Barking Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	<i>Oxyura australis</i>	Blue-billed Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Petroica boodang</i>	Scarlet Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Petroica phoenicea</i>	Flame Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Polytelis swainsonii</i>	Superb Parrot	Vulnerable	Category 3	Vulnerable	
Animalia	Aves	<i>Pomatostomus temporalis temporalis</i>	Grey-crowned Babbler (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Stagonopleura guttata</i>	Diamond Firetail	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Stictonetta naevosa</i>	Freckled Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Tringa glareola</i>	Wood Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;C AMBA;JAMBA
Animalia	Aves	<i>Tringa stagnatilis</i>	Marsh Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;C AMBA;JAMBA
Animalia	Mammalia	<i>Dasyurus maculatus</i>	Spotted-tailed Quoll	Vulnerable	Not Sensitive	Endangered	
Animalia	Mammalia	<i>Falsistrellus tasmaniensis</i>	Eastern False Pipistrelle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Petaurus norfolcensis</i>	Squirrel Glider	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Phascogale carolinensis</i>	Koala	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	<i>Pteropus poliocephalus</i>	Grey-headed Flying-fox	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	<i>Saccolaimus flaviventris</i>	Yellow-bellied Sheath-tail-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	<i>Aprasia parapulchella</i>	Pink-tailed Legless Lizard	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Amphibromus fluitans</i>	Floating Swamp Wallaby-grass	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Caladenia concolor</i>	Crimson Spider Orchid	Endangered	Category 2	Vulnerable	
Plantae	Flora	<i>Caladenia rosella</i>	Rosella Spider Orchid	Presumed Extinct	Category 2	Endangered	
Plantae	Flora	<i>Leucochrysum albicans</i> subsp. <i>tricolor</i>	Hoary Sunray	Endangered	Not Sensitive	Endangered	
Plantae	Flora	<i>Pilularia novae-hollandiae</i>	Austral Pillwort	Endangered	Category 3	Not Listed	
Plantae	Flora	<i>Senecio garlandii</i>	Woolly Ragwort	Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	<i>Swainsona sericea</i>	Silky Swainson-pea	Vulnerable	Not Sensitive	Not Listed	

Data does not include NSW category 1 sensitive species.

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

# Dataset Listing Table

481-487 Swift Street, Albury, NSW 2640

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

Datasets	Custodian	Supply Date	Currency Date	Update Frequency
<b>Section 1: Environmental Planning Instrument - Primary Planning Layers</b>				
Land Zoning	NSW Department of Planning, Industry and Environment	31/08/2023	25/08/2023	Monthly
Floor Space Ratio	NSW Department of Planning, Industry and Environment	31/08/2023	25/08/2023	Monthly
Maximum Height of Building	NSW Department of Planning, Industry and Environment	31/08/2023	25/08/2023	Monthly
Minimum Lot Size	NSW Department of Planning, Industry and Environment	31/08/2023	25/08/2023	Monthly
Land Application	NSW Department of Planning, Industry and Environment	31/08/2023	04/08/2023	Monthly
Land Reservation Acquisition	NSW Department of Planning, Industry and Environment	31/08/2023	25/08/2023	Monthly
<b>Section 2: Heritage</b>				
Local Heritage	NSW Department of Planning, Industry and Environment	31/08/2023	25/08/2023	Monthly
State Heritage Register - Curtilages	NSW Department of Planning, Industry and Environment	06/09/2023	03/03/2023	Quarterly
National Heritage List	Australian Government Department of the Agriculture, Water and the Environment	03/06/2022	13/04/2022	Annually
Commonwealth Heritage List	Australian Government Department of the Agriculture, Water and the Environment	03/06/2022	13/04/2022	Annually
<b>Section 3: Environmental Planning Instrument - Protection Layers</b>				
Acid Sulfate Soils	NSW Department of Planning, Industry and Environment	31/08/2023	30/06/2023	Monthly
Acid Sulfate Soils Sydney Olympic Park	NSW Department of Planning, Industry and Environment	31/08/2023	30/06/2023	Monthly
Airport Noise	NSW Department of Planning, Industry and Environment	31/08/2023	25/03/2022	Monthly
Drinking Water Catchment	NSW Department of Planning, Industry and Environment	31/08/2023	12/05/2023	Monthly
Environmentally Sensitive Land	NSW Department of Planning, Industry and Environment	31/08/2023	01/02/2023	Monthly
Flood	NSW Department of Planning, Industry and Environment	31/08/2023	16/12/2022	Monthly
Groundwater Vulnerability	NSW Department of Planning, Industry and Environment	31/08/2023	01/02/2023	Monthly
Landslide Risk	NSW Department of Planning, Industry and Environment	31/08/2023	06/12/2019	Monthly
Mineral and Extractive Resources	NSW Department of Planning, Industry and Environment	31/08/2023	28/10/2022	Monthly
Obstacle Limitation Surface	NSW Department of Planning, Industry and Environment	31/08/2023	01/03/2022	Monthly
Riparian Lands Watercourses	NSW Department of Planning, Industry and Environment	31/08/2023	23/06/2023	Monthly
Salinity	NSW Department of Planning, Industry and Environment	31/08/2023	01/02/2023	Monthly

Section 3: Environmental Planning Instrument - Protection Layers				
Scenic Protection	NSW Department of Planning, Industry and Environment	31/08/2023	30/06/2023	Monthly
Terrestrial Biodiversity	NSW Department of Planning, Industry and Environment	31/08/2023	19/05/2023	Monthly
Wetlands	NSW Department of Planning, Industry and Environment	31/08/2023	12/05/2023	Monthly
Section 4: Environmental Planning Instrument - Development Control Layers				
Dwelling Density	NSW Department of Planning, Industry and Environment	31/08/2023	23/06/2023	Monthly
Foreshore Building Line	NSW Department of Planning, Industry and Environment	31/08/2023	19/06/2020	Monthly
Local Provisions	NSW Department of Planning, Industry and Environment	31/08/2023	25/08/2023	Monthly
Section 5: Environmental Planning Instrument - Land Use Layers				
Active Street Frontages	NSW Department of Planning, Industry and Environment	31/08/2023	25/08/2023	Monthly
Additional Permitted Uses	NSW Department of Planning, Industry and Environment	31/08/2023	18/08/2023	Monthly
Key Sites	NSW Department of Planning, Industry and Environment	31/08/2023	25/08/2023	Monthly
Land Reclassification	NSW Department of Planning, Industry and Environment	31/08/2023	25/08/2023	Monthly
Urban Release Area	NSW Department of Planning, Industry and Environment	31/08/2023	30/06/2023	Monthly
Section 6: Environmental Planning Instrument - Strategic Regional Land Use Policy				
Additional Rural Village Land	NSW Department of Planning, Industry and Environment	31/08/2023	01/03/2022	Monthly
Future Residential Growth Area	NSW Department of Planning, Industry and Environment	31/08/2023	01/03/2022	Monthly
Strategic Agricultural Land	NSW Department of Planning, Industry and Environment	31/08/2023	01/03/2022	Monthly
Section 7: State Environmental Planning Policy - Coastal Management				
Coastal Environment Area	NSW Department of Planning, Industry and Environment	31/08/2023	03/10/2022	Monthly
Coastal Use Area	NSW Department of Planning, Industry and Environment	31/08/2023	03/10/2022	Monthly
Coastal Wetlands	NSW Department of Planning, Industry and Environment	31/08/2023	03/10/2022	Monthly
Coastal Wetlands Proximity Area	NSW Department of Planning, Industry and Environment	31/08/2023	03/10/2022	Monthly
Littoral Rainforest	NSW Department of Planning, Industry and Environment	31/08/2023	03/10/2022	Monthly
Littoral Rainforest Proximity Area	NSW Department of Planning, Industry and Environment	31/08/2023	03/10/2022	Monthly
Coastal Land Application	NSW Department of Planning, Industry and Environment	31/08/2023	03/10/2022	Monthly
Section 8: State Environmental Planning Policy - Land Application				
Land Application	NSW Department of Planning, Industry and Environment	31/08/2023	30/06/2023	Monthly
Section 9: State Environmental Planning Policy - Additional Layers				
Bulk Water Supply Infrastructure	NSW Department of Planning, Industry and Environment	31/08/2023	01/03/2022	Monthly
Critical Habitat	NSW Department of Planning, Industry and Environment	09/11/2022	28/09/2005	Monthly

## Section 9: State Environmental Planning Policy - Additional Layers

Coal Seam Gas Exclusion Zones	NSW Department of Planning, Industry and Environment	31/08/2023	01/03/2022	Monthly
Environmental Conservation Area	NSW Department of Planning, Industry and Environment	31/08/2023	08/07/2022	Monthly
Geotechnical	NSW Department of Planning, Industry and Environment	31/08/2023	01/03/2022	Monthly
Growth Centres	NSW Department of Planning, Industry and Environment	31/08/2023	01/03/2022	Monthly
Industrial Release Area	NSW Department of Planning, Industry and Environment	31/08/2023	01/03/2022	Monthly
Lease Area	NSW Department of Planning, Industry and Environment	31/08/2023	08/07/2022	Monthly
Local Complying Exclusion	NSW Department of Planning, Industry and Environment	31/08/2023	02/07/2021	Monthly
Local Exempt Exclusion	NSW Department of Planning, Industry and Environment	31/08/2023	02/07/2021	Monthly
Maximum Gross Floor Area	NSW Department of Planning, Industry and Environment	31/08/2023	09/06/2023	Monthly
Native Vegetation Protection	NSW Department of Planning, Industry and Environment	31/08/2023	16/12/2022	Monthly
Precinct Boundaries	NSW Department of Planning, Industry and Environment	31/08/2023	01/06/2022	Monthly
Reduced Level	NSW Department of Planning, Industry and Environment	31/08/2023	08/07/2022	Monthly
Referral Area	NSW Department of Planning, Industry and Environment	31/08/2023	08/07/2022	Monthly
Special Areas	NSW Department of Planning, Industry and Environment	31/08/2023	30/06/2023	Monthly
Special Provision	NSW Department of Planning, Industry and Environment	31/08/2023	18/08/2023	Monthly
State Significant Development Sites	NSW Department of Planning, Industry and Environment	31/08/2023	16/12/2022	Monthly
Strategic Foreshore Sites	NSW Department of Planning, Industry and Environment	31/08/2023	01/03/2022	Monthly
Transport Arterial Road Infrastructure	NSW Department of Planning, Industry and Environment	31/08/2023	25/03/2022	Monthly
Water Zoning	NSW Department of Planning, Industry and Environment	31/08/2023	21/11/2022	Monthly
Wetland Protection Area	NSW Department of Planning, Industry and Environment	09/11/2022	28/06/2016	Monthly

## Section 10: Ecology

Species of National Environmental Significance	Australian Government Department of Agriculture, Water and the Environment	19/01/2023	05/10/2022	Annually
NSW BioNet Species Sightings	NSW Office of Environment & Heritage	13/09/2023	13/09/2023	Weekly

## Other

Property Boundaries & Roads	NSW Department of Customer Service - Spatial Services	13/09/2023	13/09/2023	Quarterly
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## Useful Contacts

<b>Lotsearch Pty Ltd</b>  <a href="http://www.lotsearch.com.au">www.lotsearch.com.au</a> <a href="mailto:support@lotsearch.com.au">support@lotsearch.com.au</a> (02) 8287 0680	<b>NSW Department of Planning and Environment</b>  <a href="http://www.planning.nsw.gov.au/Contact-Us">www.planning.nsw.gov.au/Contact-Us</a> <a href="mailto:information@planning.nsw.gov.au">information@planning.nsw.gov.au</a> 1300 305 695	<b>Albury City Council</b>  <a href="http://www.alburycity.nsw.gov.au">www.alburycity.nsw.gov.au</a> <a href="mailto:info@alburycity.nsw.gov.au">info@alburycity.nsw.gov.au</a> (02) 6023 8111
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# LOTSEARCH

LOTSEARCH ENVIRO PROFESSIONAL

**Date: 29 Sep 2023 10:23:34**

**Reference: LS048623 EP**

**Address: 481-487 Swift Street, Albury, NSW 2640**

**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.

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## Dataset Listing

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

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	NSW Department of Customer Service - Spatial Services	14/09/2023	14/09/2023	Quarterly	-	-	-	-
Topographic Data	NSW Department of Customer Service - Spatial Services	22/08/2022	22/08/2022	Annually	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority	11/09/2023	08/09/2023	Monthly	1000m	0	0	9
Contaminated Land Records of Notice	Environment Protection Authority	28/06/2023	28/06/2023	Monthly	1000m	0	0	2
Former Gasworks	Environment Protection Authority	10/05/2023	14/07/2021	Quarterly	1000m	0	0	1
Notices under the POEO Act 1997	Environment Protection Authority	26/07/2023	26/07/2023	Monthly	1000m	0	0	1
National Waste Management Facilities Database	Geoscience Australia	26/05/2022	07/03/2017	Annually	1000m	0	0	0
National Liquid Fuel Facilities	Geoscience Australia	20/09/2023	07/09/2020	Annually	1000m	0	0	7
EPA PFAS Investigation Program	Environment Protection Authority	22/09/2023	23/09/2022	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Investigation Sites	Department of Defence	16/08/2023	16/08/2023	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Management Sites	Department of Defence	16/08/2023	16/08/2023	Monthly	2000m	0	0	0
Airservices Australia National PFAS Management Program	Airservices Australia	18/08/2023	18/08/2023	Monthly	2000m	0	0	0
Defence Controlled Areas	Department of Defence	08/06/2023	08/06/2023	Quarterly	2000m	0	0	0
Defence 3 Year Regional Contamination Investigation Program	Department of Defence	16/06/2023	02/09/2022	Quarterly	2000m	0	0	0
National Unexploded Ordnance (UXO)	Department of Defence	08/06/2023	08/06/2023	Quarterly	2000m	0	0	0
EPA Other Sites with Contamination Issues	Environment Protection Authority	16/02/2022	13/12/2018	Annually	1000m	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority	20/09/2023	20/09/2023	Monthly	1000m	0	0	1
Delicensed POEO Activities still regulated by the EPA	Environment Protection Authority	20/09/2023	20/09/2023	Monthly	1000m	0	0	0
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority	20/09/2023	20/09/2023	Monthly	1000m	0	0	5
UBD Business Directories (Premise & Intersection Matches)	Hardie Grant			Not required	150m	2	184	485
UBD Business Directories (Road & Area Matches)	Hardie Grant			Not required	150m	-	102	219
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	500m	0	8	74
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	500m	-	8	35
Points of Interest	NSW Department of Customer Service - Spatial Services	19/10/2022	19/10/2022	Quarterly	1000m	0	0	57
Tanks (Areas)	NSW Department of Customer Service - Spatial Services	19/10/2022	19/10/2022	Quarterly	1000m	0	0	0
Tanks (Points)	NSW Department of Customer Service - Spatial Services	19/10/2022	19/10/2022	Quarterly	1000m	0	0	0
Major Easements	NSW Department of Customer Service - Spatial Services	23/05/2023	23/05/2023	Quarterly	1000m	0	0	5
State Forest	Forestry Corporation of NSW	16/08/2022	14/08/2022	Annually	1000m	0	0	0
NSW National Parks and Wildlife Service Reserves	NSW Office of Environment & Heritage	16/02/2023	31/12/2022	Annually	1000m	0	0	0
Hydrogeology Map of Australia	Commonwealth of Australia (Geoscience Australia)	29/08/2022	19/08/2019	As required	1000m	1	1	1

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018	NSW Department of Planning, Industry and Environment	09/05/2023	23/02/2018	Annually	1000m	0	0	0
National Groundwater Information System (NGIS) Boreholes	Bureau of Meteorology; Water NSW	18/04/2023	13/07/2022	Annually	2000m	0	0	56
NSW Seamless Geology Single Layer: Rock Units	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	1	1	2
NSW Seamless Geology – Single Layer: Trendlines	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	0	0	0
NSW Seamless Geology – Single Layer: Geological Boundaries and Faults	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	0	0	0
Naturally Occurring Asbestos Potential	NSW Dept. of Industry, Resources & Energy	04/12/2015	24/09/2015	Unknown	1000m	0	0	0
Atlas of Australian Soils	Australian Bureau of Agriculture and Resource Economics and Sciences (ABARES)	19/05/2017	17/02/2011	As required	1000m	1	1	1
Environmental Planning Instrument Acid Sulfate Soils	NSW Department of Planning, Industry and Environment	31/08/2023	30/06/2023	Monthly	500m	0	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	19/01/2017	21/02/2013	As required	1000m	1	1	1
Dryland Salinity - National Assessment	National Land and Water Resources Audit	18/07/2014	12/05/2013	None planned	1000m	0	1	2
Mining Subsidence Districts	NSW Department of Customer Service - Subsidence Advisory NSW	15/05/2023	15/05/2023	Quarterly	1000m	0	0	0
Current Mining Titles	NSW Department of Industry	25/08/2023	25/08/2023	Monthly	1000m	0	0	0
Mining Title Applications	NSW Department of Industry	25/08/2023	25/08/2023	Monthly	1000m	0	0	0
Historic Mining Titles	NSW Department of Industry	25/08/2023	25/08/2023	Monthly	1000m	3	3	4
Environmental Planning Instrument SEPP State Significant Precincts	NSW Department of Planning, Industry and Environment	31/08/2023		Monthly	1000m	0	0	0
Environmental Planning Instrument Land Zoning	NSW Department of Planning, Industry and Environment	31/08/2023	25/08/2023	Monthly	1000m	1	2	17
Commonwealth Heritage List	Australian Government Department of the Agriculture, Water and the Environment	03/06/2022	13/04/2022	Annually	1000m	0	0	1
National Heritage List	Australian Government Department of the Agriculture, Water and the Environment	03/06/2022	13/04/2022	Annually	1000m	0	0	1
State Heritage Register - Curtilages	NSW Department of Planning, Industry and Environment	06/09/2023	03/03/2023	Quarterly	1000m	0	0	11
Environmental Planning Instrument Local Heritage	NSW Department of Planning, Industry and Environment	31/08/2023	25/08/2023	Monthly	1000m	2	11	197
Bush Fire Prone Land	NSW Rural Fire Service	28/09/2023	15/08/2023	Monthly	1000m	0	0	1
NSW Native Vegetation Type Map	NSW Department of Planning and Environment	26/05/2023	12/12/2022	Quarterly	1000m	1	1	1
Ramsar Wetlands of Australia	Australian Government Department of Agriculture, Water and the Environment	09/05/2023	01/11/2022	Annually	1000m	0	0	0
Groundwater Dependent Ecosystems	Bureau of Meteorology	28/10/2022	26/10/2022	Annually	1000m	0	0	1
Inflow Dependent Ecosystems Likelihood	Bureau of Meteorology	28/10/2022	26/10/2022	Annually	1000m	0	0	1
NSW BioNet Species Sightings	NSW Office of Environment & Heritage	13/09/2023	13/09/2023	Weekly	10000m	-	-	-

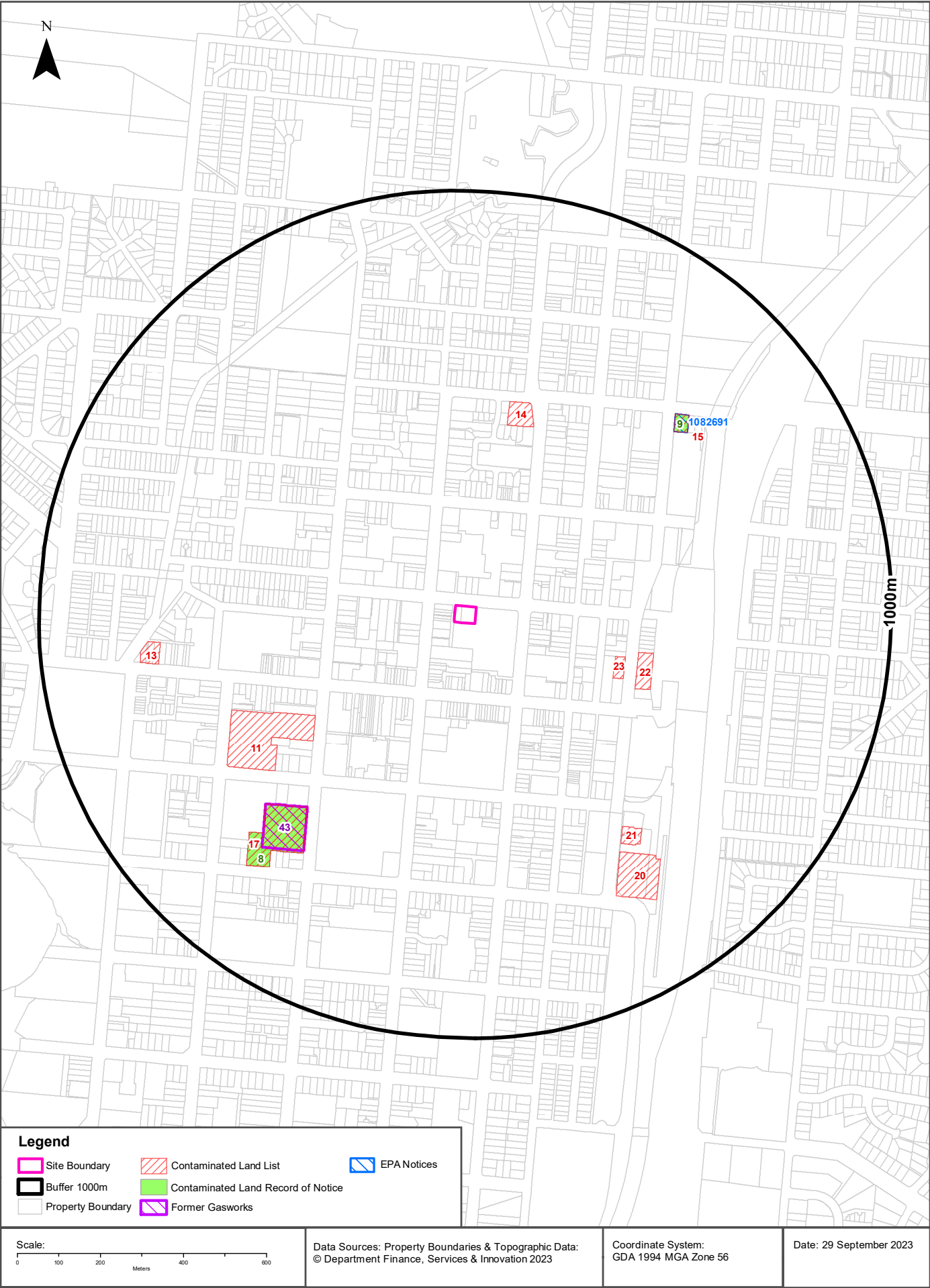


# Site Diagram

481-487 Swift Street, Albury, NSW 2640



<b>Legend</b>  <div><div></div> Site Boundary</div> <div><div></div> Internal Parcel Boundaries</div>	<b>Total Area:</b> 2045m <sup>2</sup> <b>Total Perimeter:</b> 182m		<b>Scale:</b> <div><div></div><div>0 5 10</div><div>Meters</div></div>	
	<b>Disclaimers:</b>  Measurements are approximate only and may have been simplified or smaller lengths removed for readability.  Parcels that make up a small percentage of the total site area have not been labelled for increased legibility.		<b>Data Source Aerial Imagery:</b> © Aerometrex Pty Ltd	
	<b>Coordinate System:</b> GDA 1994 MGA Zone 56		<b>Date:</b> 29 September 2023	





## Contaminated Land

481-487 Swift Street, Albury, NSW 2640

### List of NSW contaminated sites notified to EPA

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

Map Id	Site	Address	Suburb	Activity	Management Class	Status	Location Confidence	Dist	Direction
23	Woolworths Petrol	515 Young Street	Albury	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	346m	East
22	SRA Land, 514 to 526 Young Street	514 to 526 Young Street	Albury	Other Petroleum	Regulation under CLM Act not required	Current EPA List	Premise Match	399m	East
11	Albury Plaza	Cnr Smollett Street and Townsend Street	Albury	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	403m	South West
14	Coles Express Albury	465 Guinea Street	Albury	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	445m	North
17	Former Gasworks and surrounding commercial land	441 Kiewa Street	Albury	Gasworks	Contamination currently regulated under CLM Act	Current EPA List	Premise Match	570m	South West
21	SRA Land	448 and 452 Young Street	Albury	Unclassified	Regulation under CLM Act not required	Current EPA List	Premise Match	603m	South East
15	Xpress Service Station	616-624 Young STREET	Albury	Service Station	Contamination formerly regulated under the CLM Act	Current EPA List	Premise Match	636m	North East
20	Mobil Depot, Railway Place Albury	1 Railway Place	Albury	Other Petroleum	Regulation under CLM Act not required	Current EPA List	Premise Match	650m	South East
13	Caltex Service Station	Dean Street, Corner Creek STREET	Albury	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	709m	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.

EPA site management class	Explanation
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  
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## Contaminated Land

481-487 Swift Street, Albury, NSW 2640

### Contaminated Land: Records of Notice

Record of Notices within the dataset buffer:

Map Id	Name	Address	Suburb	Notices	Area No	Location Confidence	Distance	Direction
8	Former Gasworks and surrounding commercial land	441 Kiewa Street	Albury	3 current and 4 former	3000	Premise Match	570m	South West
9	Xpress Service Station	616-624 Young STREET	Albury	6 former	3247	Premise Match	636m	North East

Contaminated Land Records of Notice Data Source: Environment Protection Authority

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Terms of use and disclaimer for Contaminated Land: Record of Notices, please visit

<http://www.epa.nsw.gov.au/clm/clmdisclaimer.htm>

### Former Gasworks

Former Gasworks within the dataset buffer:

Map Id	Location	Council	Further Info	Location Confidence	Distance	Direction
43	Kiewa Street, Albury	Albury City Council	Search record of EPA notices	Premise Match	570m	South West

Former Gasworks Data Source: Environment Protection Authority

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## Contaminated Land

481-487 Swift Street, Albury, NSW 2640

### EPA Notices

Penalty Notices, s.91 & s.92 Clean up Notices and s.96 Prevention Notices within the dataset buffer:

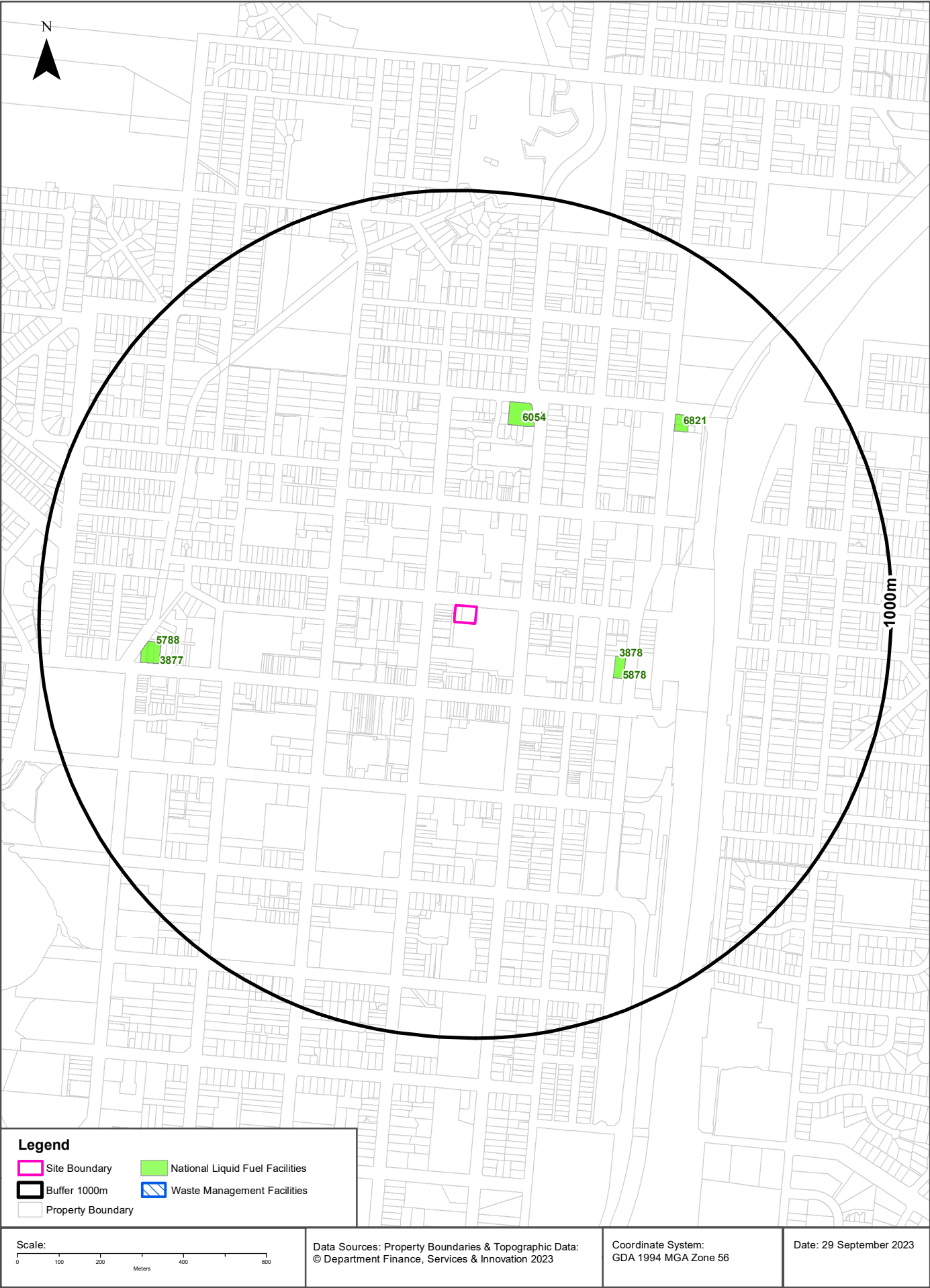
Number	Type	Name	Address	Status	Issued Date	Act	Offence	Offence Date	Loc Conf	Dist	Dir
<a href="#">1082691</a>	s.91 Clean Up Notice	CENTREL PTY LTD		Issued	07/03/2008				Premise Match	636m	North East

NSW EPA Notice Data Source: Environment Protection Authority

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# Waste Management & Liquid Fuel Facilities

481-487 Swift Street, Albury, NSW 2640



# Waste Management & Liquid Fuel Facilities

481-487 Swift Street, Albury, NSW 2640

## National Waste Management Site Database

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

Site Id	Owner	Name	Address	Suburb	Class	Landfill	Reprocess	Transfer	Comments	Loc Conf	Dist	Direction
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>

## National Liquid Fuel Facilities

National Liquid Fuel Facilities within the dataset buffer:

Map Id	Owner	Name	Address	Suburb	Class	Operational Status	Operator	Revision Date	Loc Conf	Dist	Direction
3878	Caltex	Safeway Caltex Albury	519 Young Street	Albury	Petrol Station	Operational		25/07/2011	Premise Match	346m	East
5878	CALTEX WOOLWORTHS	CALTEX WOOLWORTHS ALBURY	515 YOUNG STREET	ALBURY	PETROL STATION	OPERATIONAL			Premise Match	346m	East
3383	Shell	Coles Express Albury	465 Guinea Street	Albury	Petrol Station	Operational		25/07/2011	Premise Match	445m	North
6054	COLES EXPRESS	COLES EXPRESS ALBURY	465 GUINEA STREET	ALBURY	PETROL STATION	OPERATIONAL			Premise Match	445m	North
6821	MOBIL	MOBIL YOUNG STREET	624 YOUNG STREET	ALBURY	PETROL STATION	OPERATIONAL			Premise Match	636m	North East
3877	Caltex	Caltex Albury	672-674 Dean Street	Albury	Petrol Station	Operational		25/07/2011	Premise Match	709m	West
5788	CALTEX	CALTEX DEAN STREET	672 DEAN STREET	ALBURY	PETROL STATION	OPERATIONAL			Premise Match	709m	West

National Liquid Fuel Facilities Data Source: Geoscience Australia  
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# PFAS Investigation & Management Programs

481-487 Swift Street, Albury, NSW 2640

## EPA PFAS Investigation Program

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

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

EPA PFAS Investigation Program: Environment Protection Authority  
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## Defence PFAS Investigation Program

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

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

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

## Defence PFAS Management Program

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

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

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

## Airservices Australia National PFAS Management Program

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

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

Airservices Australia National PFAS Management Program Data Custodian: Airservices Australia

## Defence Sites and Unexploded Ordnance

481-487 Swift Street, Albury, NSW 2640

### Defence Controlled Areas (DCA)

Defence Controlled Areas provided by the Department of Defence within the dataset buffer:

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

Defence Controlled Areas, Data Custodian: Department of Defence, Australian Government

### Defence 3 Year Regional Contamination Investigation Program (RCIP)

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

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

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

### National Unexploded Ordnance (UXO)

Sites which have been assessed by the Department of Defence for the potential presence of unexploded ordnance within the dataset buffer:

Site ID	Location Name	Category	Area Description	Additional Information	Commonwealth	Loc Conf	Dist	Dir
N/A	No records in buffer							

National Unexploded Ordnance (UXO), Data Custodian: Department of Defence, Australian Government

## EPA Other Sites with Contamination Issues

481-487 Swift Street, Albury, NSW 2640

### EPA Other Sites with Contamination Issues

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

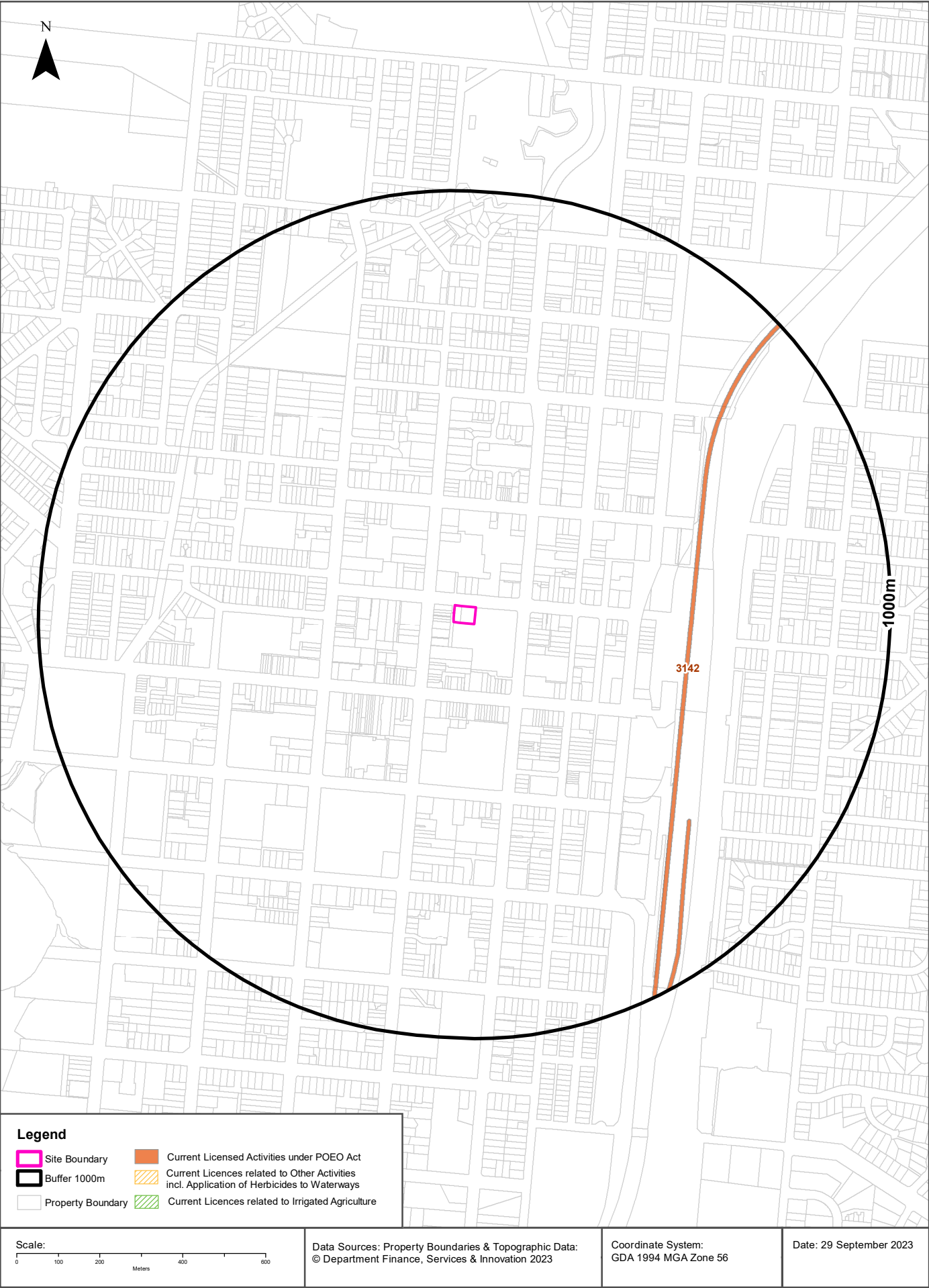
- James Hardie asbestos manufacturing and waste disposal sites
- Radiological investigation sites in Hunter's Hill
- Pasminco Lead Abatement Strategy Area

Sites within the dataset buffer:

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

EPA Other Sites with Contamination Issues: Environment Protection Authority  
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## EPA Activities

481-487 Swift Street, Albury, NSW 2640

## Licensed Activities under the POEO Act 1997

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

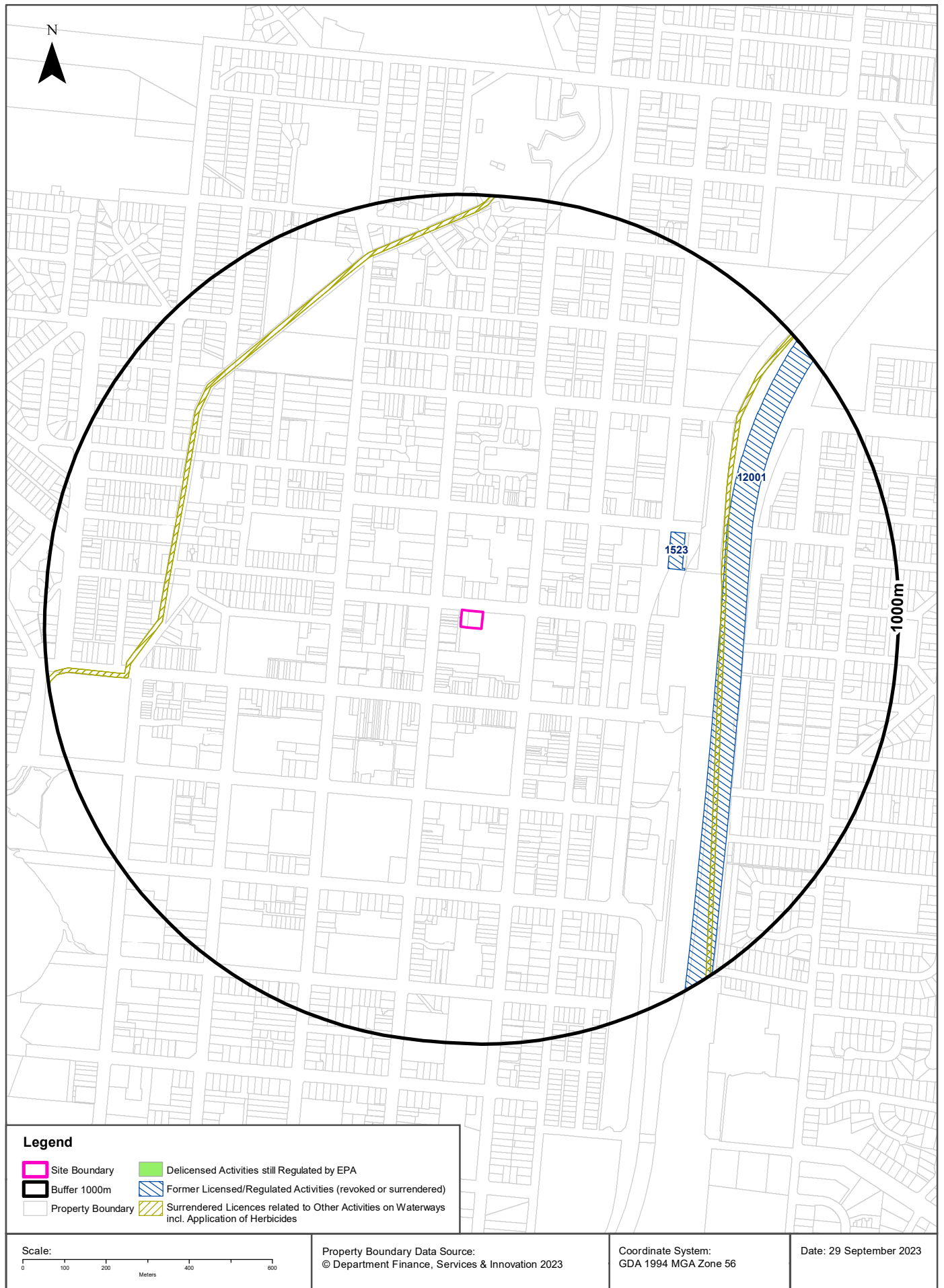
EPL	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
3142	AUSTRALIAN RAIL TRACK CORPORATION LIMITED		AUSTRALIAN RAIL TRACK CORPORATION (ARTC) NETWORK, SYDNEY, NSW 2001		Railway systems activities	Network of Features	514m	East

POEO Licence Data Source: Environment Protection Authority

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# Delicensed & Former Licensed EPA Activities

481-487 Swift Street, Albury, NSW 2640



## EPA Activities

481-487 Swift Street, Albury, NSW 2640

### 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  
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### 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
1523	ALLIED MILLS PTY LIMITED	570 YOUNG STREET, ALBURY, NSW 2640	Surrendered	05/04/2000	General agricultural processing	Premise Match	457m	East
12001	ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD	ALBURY-WODONGA NATIONAL HIGHWAY PROJECT INTERNAL ROUTE, ETTAMOGAH TO MURRAY RIVER, ALBURY, NSW, 2640	Surrendered	24/09/2003	Road construction	Road Match	571m	East
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered	06/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	572m	East
4838	Robert Orchard	Various Waterways throughout New South Wales - SYDNEY NSW 2000	Surrendered	07/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	572m	East
6630	SYDNEY WEED & PEST MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW - PROSPECT, NSW, 2148	Surrendered	09/11/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	572m	East

Former Licensed Activities Data Source: Environment Protection Authority  
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# Historical Business Directories

481-487 Swift Street, Albury, NSW 2640



# Historical Business Directories

481-487 Swift Street, Albury, NSW 2640

## Business Directory Records 1950-1991 Premise or Road Intersection Matches

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

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
1	PHYSIOTHERAPISTS	Tonkin, R. W., 481 Swift St., Albury	184435	1961	Premise Match	0m	On-site
	PHYSIOTHERAPISTS	Tonkin, R. W., 481 Swift St. Albury	131989	1950	Premise Match	0m	On-site
2	Secondhand Dealers	Albury Pawn Brokers. 495 Swift St, Albury. 2640.	167435	1991	Premise Match	7m	West
	Pawnbrokers &/Or Money Lenders.	Albury Pawn Brokers. 495 Swift St., Albury. 2640.	166628	1991	Premise Match	7m	West
3	SADDLERS & HARNESS MAKERS	Bohr, Reg., 491 Swift St., Albury 2640	599807	1970	Premise Match	7m	West
	OFFICE SUPPLIES & EQUIPMENT	Gestetner Pty. Ltd., 493 Swift St., Albury 2640	599620	1970	Premise Match	7m	West
	DUPLICATOR SALES & SERVICE	Gestetner Pty. Ltd., 493 Swift St., Albury	183656	1961	Premise Match	7m	West
	OFFICE SUPPLIES & EQUIPMENT	Gestetner Pty. Ltd., 493 Swift St., Albury	184400	1961	Premise Match	7m	West
4	Funeral Directors.	Adams. J. S & Sons, 552 Olive St., Albury 2640	165898	1991	Premise Match	8m	West
	Funeral Directors.	Lester & Son. 552 Olive St., Albury 2640.	165901	1991	Premise Match	8m	West
	FUNERAL DIRECTORS	Lester & Son, 552 Olive St., Albury 2640	598898	1970	Premise Match	8m	West
	GROCERS & GENERAL STOREKEEPERS	Payne, Arthur, 552 Olive St., Albury	183908	1961	Premise Match	8m	West
	GROCERS & GENERAL STOREKEEPERS	Payne, Arthur, 552 Olive St. Albury	131643	1950	Premise Match	8m	West
	HARDWARE MERCHANTS	Payne, Arthur, 552 Olive St. Albury	131704	1950	Premise Match	8m	West
5	Camping & Hiking Equipment - Suppliers, Hirers &/Or Repairers.	Albury Disposals, 554 Olive St, Albury. 2640.	163113	1991	Premise Match	8m	West
	Disposal Stores.	Albury Disposals. 554 Olive St, Albury. 2640.	162639	1991	Premise Match	8m	West
	Canvas Goods Mfrs. &/Or Dists.	Albury Disposals. 554 Olive St. Albury. 2640.	163129	1991	Premise Match	8m	West
	Electronic Equipment Sales &/Or Service.	Tandy Electronics Albury 554 Olive Street, Albury. 2640	162746	1991	Premise Match	8m	West
	Electronic Equipment Mfrs. &/Or Dists.	Tandy Electronics. 554 Olive St, Albury. 2640.	162744	1991	Premise Match	8m	West
6	Upholsterers Supplies	Albury Foam Supplies. 548 Olive St, Albury. 2640	165680	1991	Premise Match	8m	South West
	Rubber Goods Mfrs. &/Or Dists.	Albury Foam Supplies. 548 Olive St, Albury. 2640.	163694	1991	Premise Match	8m	South West
	Vinyl Fabrics &/Or Materials	Albury Foam Supplies. 548 Olive St, Albury. 2640.	166104	1991	Premise Match	8m	South West
	Upholsterers	Albury Foam Supplies. 548 Olive St., Albury. 2640.	165676	1991	Premise Match	8m	South West
	Haberdashery - Retail.	Albury Wool Centre. The, 546 Olive St. Albury. 2640.	166956	1991	Premise Match	8m	South West
	Drapers &/Or Haberdashers.	Albury Wool Centre. The. 546 Olive St., Albury 2640	162654	1991	Premise Match	8m	South West
	Knitted Goods & Knitting Supplies.	Albury Wool Centre. The. 546 Olive St., Albury. 2640.	165106	1991	Premise Match	8m	South West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
6	CANVAS GOODS MANUFACTURERS	Burton, Arthur, 546 Olive St., Albury 2640	598317	1970	Premise Match	8m	South West
	SADDLERS & HARNESS MAKERS	Burton, Arthur, 546 Olive St., Albury 2640	599808	1970	Premise Match	8m	South West
	SPORTING GOODS	Burton, Arthur, 546 Olive St., Albury 2640	599878	1970	Premise Match	8m	South West
	TOYS	Burton, Arthur, 546 Olive St., Albury 2640	599974	1970	Premise Match	8m	South West
	BLIND MANUFACTURERS	Burton, J. A., 546 Olive St., Albury 2640	598105	1970	Premise Match	8m	South West
	KEY CUTTERS	Burton's Sports Store, 546 Olive St, Albury 2640	599266	1970	Premise Match	8m	South West
	LOCKSMITHS &/OR KEY CUTTERS	Burton's Sports Store, 546 Olive St., Albury 2640	599315	1970	Premise Match	8m	South West
	CAMPING EQUIPMENT	Burtons Sports Store, 546 Olive St., Albury 2640	598312	1970	Premise Match	8m	South West
	HAIRDRESSERS (LADIES') & BEAUTY SALONS	Pat's Beauty Salon, 548 Olive St., Albury 2640	599042	1970	Premise Match	8m	South West
	CANVAS GOODS MANUFACTURERS	Burton, Arthur, 546 Olive St., Albury	183422	1961	Premise Match	8m	South West
	SADDLERS & HARNESS MAKERS	Burton, Arthur, 546 Olive St., Albury	184521	1961	Premise Match	8m	South West
	SPORTING GOODS	Burton, Arthur, 546 Olive St., Albury	184575	1961	Premise Match	8m	South West
	TOYS	Burton, Arthur, 546 Olive St., Albury	184644	1961	Premise Match	8m	South West
	FUNERAL DIRECTORS	Lester & Son, 548 Olive St., Albury	183815	1961	Premise Match	8m	South West
	SADDLERS & HARNESSS MAKERS	Burton, Arthur, 546 Olive St. Albury	132053	1950	Premise Match	8m	South West
	SPORTS GOODS DEALERS	Burton, Arthur, 546 Olive St. Albury	132092	1950	Premise Match	8m	South West
	TOYS	Burton, Arthur, 546 Olive St. Albury	132149	1950	Premise Match	8m	South West
	TRAVEL GOODS	Burton, Arthur, 546 Olive St. Albury	132155	1950	Premise Match	8m	South West
	FUNERAL DIRECTORS	Lester and Son, 548 Olive St. Albury	131539	1950	Premise Match	8m	South West
7	Clothing - Retail - Ladies &/Or Girls Wear.	Peri. A. & Co, 550 Olive St, Albury 2640.	163300	1991	Premise Match	8m	West
	Clothing - Retail - Mens &/Or Boys Wear	Peri, A. & Co., 550 Olive St., Albury. 2640.	162485	1991	Premise Match	8m	West
	Clothing - Retail - General	PeriâS Ladies & Menswear 550 Olive Street, Albury. 2640	163275	1991	Premise Match	8m	West
	Drapers &/Or Haberdashers.	Pert. A & Co. 550 Olive St., Albury 2640	162655	1991	Premise Match	8m	West
	LAWNMOWER REPAIR SPECIALISTS	Hodge & Sons, 550 Olive St., Albury 2640	599283	1970	Premise Match	8m	West
	LOCKSMITHS &/OR KEY CUTTERS	Hodge & Sons, 550 Olive St., Albury 2640	599316	1970	Premise Match	8m	West
	JEWELLERS & WATCHMAKERS	Universal Jewellers, 550 Olive St., Albury 2640	599234	1970	Premise Match	8m	West
	LAWNMOWER REPAIR SPECIALISTS	Hodge & Sons, 550 Olive St., Albury	184130	1961	Premise Match	8m	West
	LOCKSMITHS	Hodge & Sons, 550 Olive St., Albury	184142	1961	Premise Match	8m	West
	PLUMBERS	Hodge & Sons, 550 Olive St., Albury	184444	1961	Premise Match	8m	West
	PLUMBERS	Hodge and Sons, 550 Olive St. Albury	131996	1950	Premise Match	8m	West
8	Hairdressers - Ladies &/Or Beauty Salons	Shayne Holden Hair Design, 542 Olive St., Albury. 2640.	166988	1991	Premise Match	22m	South West
	Hairdressers - Mens	Shayne Holden Hair Design. 542 Olive St., Albury. 2640.	167014	1991	Premise Match	22m	South West
	DELICATESSENS	Albury Food Centre, 542 Olive St., Albury 2640	598595	1970	Premise Match	22m	South West



Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
8	REAL ESTATE AGENTS	Albury Real Estate, 544 Olive St., Albury 2640	599765	1970	Premise Match	22m	South West
	FORWARDING AGENTS	Arnold, J. G. & Sons, 542 Olive St., Albury 2640	598850	1970	Premise Match	22m	South West
	GRAIN, SEED & PRODUCE MERCHANTS	Arnold, J. G. & Sons, 542 Olive St., Albury 2640	598970	1970	Premise Match	22m	South West
	FRUITERERS & GREENGROCERS	Arnold, N. & Co. (Wholesale), 542 Olive St., Albury 2640	598881	1970	Premise Match	22m	South West
	ELECTRICAL SUPPLIES & APPLIANCES-RETAIL	Atkinson's, 540 Olive St. Albury	656692	1970	Premise Match	22m	South West
	MUSICAL INSTRUMENTS & SHEET MUSIC SELLERS	Atkinson's, 540 Olive St. Albury	656693	1970	Premise Match	22m	South West
	RADIO SALES & SERVICE	Atkinson's, 540 Olive St. Albury	656691	1970	Premise Match	22m	South West
	REFRIGERATOR SALES & SERVICE	Atkinson's, 540 Olive St. Albury	656690	1970	Premise Match	22m	South West
	RADIO SALES & SERVICE	Atkinson's, 540 Olive St., Albury 2640	599753	1970	Premise Match	22m	South West
	REFRIGERATOR SALES & SERVICE	Atkinson's, 540 Olive St., Albury 2640	599784	1970	Premise Match	22m	South West
	HOSIERY & LINGERIE SPECIALISTS	Fashion Accessories Salon, 544 Olive St., Albury 2640	599115	1970	Premise Match	22m	South West
	ANTIQUE DEALERS	Hereitage Fine Arts, 542 Olive St., Albury 2640	598012	1970	Premise Match	22m	South West
	DELICATESSENS	Albury Food Centre, 542 Olive St., Albury	183598	1961	Premise Match	22m	South West
	FORWARDING AGENTS	Arnold, J. G. & Sons, 542 Olive St., Albury	183761	1961	Premise Match	22m	South West
	GRAIN, SEED & PRODUCE MERCHANTS	Arnold, J. G. & Sons, 542 Olive St., Albury	183861	1961	Premise Match	22m	South West
	FRUITERERS & GREENGROCERS	Arnold, N. & Co. (Wholesale), 542 Olive St., Albury	183786	1961	Premise Match	22m	South West
	MUSICAL INSTRUMENTS & SHEET MUSIC SELLERS	Atkinson's, 540-542 Olive St., Albury	184386	1961	Premise Match	22m	South West
	ELECTRICAL SUPPLIES & APPLIANCES	Atkinsons, 542 Olive St., Albury	183675	1961	Premise Match	22m	South West
	RADIO SALES & SERVICE	Atkinson's, 542 Olive St., Albury	184466	1961	Premise Match	22m	South West
	REFRIGERATOR SALES & SERVICE	Atkinson's, 542 Olive St., Albury	184503	1961	Premise Match	22m	South West
	CYCLE SALES & SERVICE	Crown Cycle Works (A. H. Rauber), 544 Olive St., Albury	183578	1961	Premise Match	22m	South West
	MUSICAL INSTRUMENTS & SHEET MUSIC SELLERS	Haines & Becker, 542 Olive St., Albury	184388	1961	Premise Match	22m	South West
	SEWING MACHINE SALES & SERVICE	Rauber, A. H. (Repairs Only), 544 Olive St., Albury	184560	1961	Premise Match	22m	South West
	GRAIN, SEED & PRODUCE MERCHANTS	Arnold, J. G. and Sons, 542 Olive St. Albury	131581	1950	Premise Match	22m	South West
	FRUITERERS & GREENGROCERS	Arnold, N. and Co. (also Wholesale), 542 Olive St. Albury	131486	1950	Premise Match	22m	South West
	RADIO SALES & SERVICE	Atkinson's, 542 Olive St. Albury	132016	1950	Premise Match	22m	South West
	CYCLE SALES & SERVICE	Croon Cycle Works (H. H. Rauber), 544 Olive St. Albury	130142	1950	Premise Match	22m	South West
	SEWING MACHINE REPAIR SPECIALISTS	Crown Cycle Works (A. H. Rauber), 544 Olive St. Albury	132083	1950	Premise Match	22m	South West
	ELECTRICAL SUPPLIES & APPLIANCES	Haines and Becker, 542 Olive St. Albury	131423	1950	Premise Match	22m	South West
	MUSICAL INSTRUMENT & SHEET MUSIC SELLERS	Haines and Becker, 542 Olive St. Albury	131939	1950	Premise Match	22m	South West
9	Funeral Directors.	Birnie, J. & Son. 486 Swift St., Albury. 2640.	165900	1991	Premise Match	30m	North
	FUNERAL DIRECTORS	Birnie, John & Son, 486 Swift St., Albury 2640	598897	1970	Premise Match	30m	North
	FUNERAL DIRECTORS	Birnie, John & Son, 486 Swift St., Albury	183814	1961	Premise Match	30m	North

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
9	DENTISTS	McEwan, Francis E., 486 Swift St. Albury	130172	1950	Premise Match	30m	North
10	Motor Garages & Service Stations.	Gleeson Motors. 567 David St, Albury. 2640.	164758	1991	Premise Match	30m	North East
	MOTOR PAINTERS & PANEL BEATERS	Gleeson Motor Repairs, 567 David St., Albury 2640	599503	1970	Premise Match	30m	North East
	MOTOR GARAGES & ENGINEERS	Gleeson Motors, 567 David St., Albury 2640	599461	1970	Premise Match	30m	North East
	MOTOR SERVICE STATIONS	Gleeson Motors, 567 David St., Albury 2640	599549	1970	Premise Match	30m	North East
	MOTOR GARAGES & ENGINEERS	Gleeson Motors, 567 David St., Albury	184273	1961	Premise Match	30m	North East
	MOTOR PAINTERS & PANEL BEATERS	Gleeson Motors, 567 David St., Albury	184309	1961	Premise Match	30m	North East
	MOTOR SERVICE STATIONS	Gleeson Motors, 567 David St., Albury	184349	1961	Premise Match	30m	North East
	MOTOR ACCESSORIES & SPARE PARTS	Gleeson Motors, 567 David St. Albury	131828	1950	Premise Match	30m	North East
	MOTOR GARAGES & ENGINEERS	Gleeson Motors, 567 David St. Albury	131869	1950	Premise Match	30m	North East
	MOTOR SERVICE STATIONS	Gleeson Motors, 567 David St. Albury	131916	1950	Premise Match	30m	North East
11	MOTOR ACCESSORIES & SPARE PARTS-WHOLESALE	Lapco Pty. Ltd., 566-568 Olive St., Albury 2640	599385	1970	Premise Match	31m	North West
	BOAT BUILDERS	Curtis, M. G., 568 Olive St., Albury	183273	1961	Premise Match	31m	North West
	CABINETMAKERS	Curtis, M. G., 568 Olive St., Albury	183391	1961	Premise Match	31m	North West
	CHURCH FURNITURE	Curtis, M. G., 568 Olive St., Albury	183502	1961	Premise Match	31m	North West
	FURNITURE MANUFACTURERS	Curtis, M. G., 568 Olive St., Albury	183829	1961	Premise Match	31m	North West
	SHOP & OFFICE FITTERS	Curtis, M. G., 568 Olive St., Albury	184563	1961	Premise Match	31m	North West
	MOTOR ACCESSORIES & SPARE PARTS-WHOLESALE	Lapco Pty. Ltd., 566-568 Olive St., Albury	184211	1961	Premise Match	31m	North West
	FURNITURE MANUFACTURERS	Curtis, M. G., 568 Olive St. Albury	131561	1950	Premise Match	31m	North West
12	Bicycle &/Or Accessory Dealers &/Or Repairers.	Albury Sports Power, 536 Olive St, Albury. 2640.	165467	1991	Premise Match	43m	South West
	Sports Goods - Retail.	Albury Sports Power, 536 Olive St., Albury. 2640.	167537	1991	Premise Match	43m	South West
	Fishing Tackle Retailers.	Albury Sports Power. 536 Olive St, Albury 2640.	165832	1991	Premise Match	43m	South West
	Credit Unions.	W.A.W. Albury. 534 Olive St. Albury 2640.	162574	1991	Premise Match	43m	South West
	ELECTRICAL ENGINEERS	Moore, B. E., Motor Rewinding Engineers, 534 Olive St., Albury 2640	598710	1970	Premise Match	43m	South West
	CASE MANUFACTURERS	Albury Box Co. (T. W. & C. I. Miller, Proprs.), rear 534 Olive St., Albury	183465	1961	Premise Match	43m	South West
	SAW & LAWNMOWER SPECIALISTS	Schulz, Arthur W., Rear 534 Olive St., Albury	184527	1961	Premise Match	43m	South West
13	Investment Counsellors.	Telford Property Fund Ltd., 468 Swift St., Albury. 2640.	165070	1991	Premise Match	59m	North East
14	FLORISTS	Vines, F. L., 526 Olive St., Albury 2640	598846	1970	Premise Match	61m	South
	FLORISTS	Vines, F. L., 526 Olive St., Albury	183759	1961	Premise Match	61m	South
	FLORISTS	Vines, F. L., 526 Olive St. Albury	131468	1950	Premise Match	61m	South
15	MOTOR CAR & TRUCK DEALERS-NEW & USED	Stradford Motors Pty. Ltd., Olive & Swift Sts., Albury 2640	599421	1970	Road Intersection	67m	North West
	MOTOR OIL & SPIRIT MERCHANTS	Abbott & Co. (Agents, Ampol), Cnr. Swift & Olive Sts., Albury	184293	1961	Road Intersection	67m	North West
	FARM & STATION SUPPLIES	Abbott, F. A. & Co., Cnr. Olive and Swift Sts., Albury	183720	1961	Road Intersection	67m	North West
	DRAPERS	Abikhair, S. M., Cnr. Olive & Swift Sts., Albury	183635	1961	Road Intersection	67m	North West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
15	MERCERS-MEN'S & BOYS' OUTFITTERS	Abikhair, S. M., Cnr. Olive & Swift Sts., Albury	184156	1961	Road Intersection	67m	North West
	FURNISHERS (HOUSEHOLD)	Abikhair, S. M., Cnr. Olive and Swift Sts., Albury	183816	1961	Road Intersection	67m	North West
	AGRICULTURAL MACHINERY AGENTS	B.M. Motors Pty. Ltd., Cnr. Swift & Olive Sts., Albury	183171	1961	Road Intersection	67m	North West
	TRACTOR SALES & SERVICE	B.M. Motors Pty. Ltd., Cnr. Swift & Olive Sts., Albury	184650	1961	Road Intersection	67m	North West
	MOTOR CAR & TRUCK DEALERS	Miley's Car Sales, Cnr. Swift & Olive Sts., Albury	184229	1961	Road Intersection	67m	North West
	MOTOR OIL & SPIRIT MERCHANTS	Abbott, F. A. and Co. (Agents, Alba Petroleum), Cnr. Swift and Olive Sts. Albury	131878	1950	Road Intersection	67m	North West
	MOTOR CAR & TRUCK DEALERS	Abbott, F. A. and Co., Cnr. Olive and Swift Sts. Albury	131839	1950	Road Intersection	67m	North West
	REFRIGERATOR SALES & SERVICE	Abbott, F. A. and Co., Cnr. Olive and Swift Sts. Albury	132040	1950	Road Intersection	67m	North West
	MOTOR GARAGES & ENGINEERS	Abbott, F. A. and Co., Cnr. Swift and Olive Sts. Albury	131859	1950	Road Intersection	67m	North West
16	Funeral Directors.	Albury Funeral Home, The. 582 Olive St., Albury 2640	165899	1991	Premise Match	70m	North
	Hotels - Licensed.	Greaterway Inn, 578 Olive St., Albury. 2640.	167127	1991	Premise Match	70m	North
	Take-Away Foods.	Lacey'S Bar. 582 Oean St., Albury 2640.	163945	1991	Premise Match	70m	North
	Associations &/Or Societies.	S. S. & A. Club Limited. 570 Olive St, Albury. 2640.	165368	1991	Premise Match	70m	North
	Restaurants.	S.S. & A. Club Limited. 570 Olive St., Albury. 2640.	163645	1991	Premise Match	70m	North
	CHURCH FURNITURE	Curtis, M. G., 570 Olive St., Albury 2640	598455	1970	Premise Match	70m	North
	SOLICITORS	Greig, E. R., T. & G. Bldg., Dears St., Albury 2640	599871	1970	Premise Match	70m	North
	MOTOR ELECTRICIANS	Hagan's Auto Electrical Service, 570 Olive St., Albury 2640	599435	1970	Premise Match	70m	North
	AUTOMOTIVE & ELECTRICAL REPAIR SPECIALISTS	Hagans Auto Electrical Service, 570 Olive St., Albury 2640	598062	1970	Premise Match	70m	North
	ELECTRIC MOTOR WINDING & REWINDING SPEC.	Hagans Auto Electrical Service, 570 Olive St., Albury 2640	598689	1970	Premise Match	70m	North
	ENGINEERS-CONSULTING	Minnis, G. J., 572 Olive St., Albury 2640	598741	1970	Premise Match	70m	North
	MOTOR CAR RADIO SALES & SERVICE	Proust, Albury, 572 Olive St., Albury 2640	599427	1970	Premise Match	70m	North
	RADIO WHOLESALERS	Proust-Albury 572 Olive St., Albury 2640	599764	1970	Premise Match	70m	North
	COPYING SERVICES-OFFICE COPIERS	Proust-Albury, 572 Olive St., Albury 2640	598565	1970	Premise Match	70m	North
	DICTATING MACHINES	Proust-Albury, 572 Olive St., Albury 2640	598618	1970	Premise Match	70m	North
	ELECTRICAL SUPPLIES & APPLIANCES-RETAIL	Proust-Albury, 572 Olive St., Albury 2640	598720	1970	Premise Match	70m	North
	ENGINEERS-CONSULTING	Proust-Albury, 572 Olive St., Albury 2640	598742	1970	Premise Match	70m	North
	PUBLIC ADDRESS SYSTEM HIRERS-INSTALLATION, SALES & SERVICE	Proust-Albury, 572 Olive St., Albury 2640	599746	1970	Premise Match	70m	North
	RADIO SALES & SERVICE	Proust-Albury, 572 Olive St., Albury 2640	599760	1970	Premise Match	70m	North
	REFRIGERATOR SALES & SERVICE	Proust-Albury, 572 Olive St., Albury 2640	599791	1970	Premise Match	70m	North
	TELEVISION SALES & SERVICE	Proust-Albury, 572 Olive St., Albury 2640	599956	1970	Premise Match	70m	North
	TRANSMISSION & COMMUNICATION EQUIPMENT SALES & SERVICE	Proust-Albury, 572 Olive St., Albury 2640	599990	1970	Premise Match	70m	North

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16	MOTOR ACCESSORIES & SPARE PARTS-WHOLESALE	R.M. Sales, 582 Olive St., Albury 2640	599387	1970	Premise Match	70m	North
	GLAZIERS	Border City Glass Co., 572 Olive St., Albury	183846	1961	Premise Match	70m	North
17	MOTOR ACCESSORIES & SPARE PARTS SPECIALISTS	Albury Motors Pty. Ltd. (also Wholesale), 539 Olive St., Albury	184196	1961	Premise Match	81m	West
	MOTOR CAR & TRUCK DEALERS	Albury Motors Pty. Ltd., 539 Olive St., Albury	184221	1961	Premise Match	81m	West
	MOTOR PAINTERS & PANEL BEATERS	Albury Motors Pty. Ltd., 539 Olive St., Albury	184304	1961	Premise Match	81m	West
	MOTOR ACCESSORIES & SPARE PARTS	Albury Motors Pty. Ltd. (also Wholesale), 539 Olive St. Albury	131824	1950	Premise Match	81m	West
	MOTOR PAINTERS & PANEL BEATERS	Albury Motors Pty. Ltd., 539 Olive St. Albury	131889	1950	Premise Match	81m	West
	MOTOR CAR & TRUCK DEALERS	Albury Motors Pty. Ltd., 539 Olive. St. Albury	131840	1950	Premise Match	81m	West
18	Trophy Mfrs. &/Or Suppliers.	B-J&S Trophies. 504 Swift St., Albury. 2640.	164094	1991	Premise Match	86m	North West
	Engravers &/Or Die Sinkers.	B-J'S Trophies. 504 Swift St, Albury 2640.	165758	1991	Premise Match	86m	North West
	Hotel &/Or Motel Brokers.	Border Real Estate, 502 Swift St., Albury. 2640.	167107	1991	Premise Match	86m	North West
	Stock &/Or Station Agents.	Border Real Estate, 502 Swift St., Albury. 2640.	163876	1991	Premise Match	86m	North West
	Real Estate Agents.	Border Real Estate. 502 Swift St., Albury 2640.	166794	1991	Premise Match	86m	North West
	Business Agents &/Or Brokers.	Border Real Estate. 502 Swift St., Albury. 2640.	163032	1991	Premise Match	86m	North West
	Property Management.	Border Real Estate. 502 Swift St., Albury. 2640.	166747	1991	Premise Match	86m	North West
	Insurance Companies - General.	Victoria Automobile Chamber Of Commerce Insurance Co. Ltd., 504 Swift St, Albury. 2640.	165049	1991	Premise Match	86m	North West
	Insurance Agents	Victoria Automobile Chamber Of Commerce Insurance Co. Ltd., 504 Swift St. Albury. 2640.	165032	1991	Premise Match	86m	North West
19	Bearings &/Or Bush Mfrs. &/Or Imps. &/Or Dists.	Riverina Bearings, 551 David St, Albury. 2640.	165458	1991	Premise Match	87m	North East
	Filter Mfrs. &/Or Dists.	Riverina Bearings, 551 David St., Albury. 2640.	165808	1991	Premise Match	87m	North East
	Pulley Mfrs. &/Or Dists.	Riverina Bearings. 551 David St, Albury. 2640.	166761	1991	Premise Match	87m	North East
	Chain Sprockets Mfrs. &/Or Dists.	Riverina Bearings. 551 David St., Albury. 2640.	163219	1991	Premise Match	87m	North East
20	Booksellers - Retail	Angus & Robertson Bookshops 520 Olive Street, Albury, N.S.W. 2640	165487	1991	Premise Match	91m	South
	Greeting Cards - Retail.	Angus & Robertson. 520 Olive St, Albury. 2640.	166932	1991	Premise Match	91m	South
	Booksellers - Retail	Angus & Robertson. 520 Olive St., Albury. 2640.	165489	1991	Premise Match	91m	South
	FURNISHERS (HOUSEHOLD)	Smithson Furniturue House, 520 Olive St., Albury 2640	598904	1970	Premise Match	91m	South
	FURNISHERS-HOUSEHOLD	Horan's, 520 Olive St. Albury	131542	1950	Premise Match	91m	South
	FURNISHINGS-SOFT	Horan's, 520 Olive St. Albury	131554	1950	Premise Match	91m	South
21	Newsagents.	Albury Newsagency. 518 Olive St., Albury. 2640	163475	1991	Premise Match	102m	South West
	BUTCHERS	Lloyd, R. E., 518 Olive St., Albury 2640	598266	1970	Premise Match	102m	South West
	BUTCHERS	Colley & Son, 518 Olive St., Albury	183372	1961	Premise Match	102m	South West
22	Printers - General	Adason Printing & Colour Copying Service 563 Olive Street, Albury. 2640	166721	1991	Premise Match	104m	North West
	Chiropractors.	Alchin Chiropractic Clinic Pty. Ltd, 565 Olive St, Albury. 2640.	163244	1991	Premise Match	104m	North West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
22	Computer Hardware Mfrs. &/Or Imps. &/Or Dists.	N.C R. Australia. 563 Olive St., Albury 2640	162519	1991	Premise Match	104m	North West
	Office Equipment &/Or Supplies-Retail.	N.C.R Australia, 563 Olive St., Albury 2640.	166568	1991	Premise Match	104m	North West
	Cash Register Mfrs. &/Or Imps. &/Or Dealers.	N.C.R. Australia. 563 Olive St., Albury. 2640.	163196	1991	Premise Match	104m	North West
	Screen Printers.	Vision Screen Printers, 563 Olive St, Albury. 2640.	167430	1991	Premise Match	104m	North West
	Signs - Magnetic.	Vision Screen Printers, 563 Olive St, Albury. 2640.	167485	1991	Premise Match	104m	North West
	Artists - Commercial & Industrial.	Vision Screen Printers, 563 Olive St., Albury. 2640.	165337	1991	Premise Match	104m	North West
	Printers - General	Vision Screen Printers, 563 Olive St., Albury. 2640.	166731	1991	Premise Match	104m	North West
23	Clothing - Retail - Mens &/Or Boys Wear	Farrahs. 553 David St. Albury. 2640.	162477	1991	Premise Match	104m	North East
	Insurance Agents	Federation Insurance Ltd. The, 553 David St., Albury 2640.	167174	1991	Premise Match	104m	North East
	Insurance Companies - General.	Federation Insurance Ltd. The. 553 David St., Albury. 2640.	165047	1991	Premise Match	104m	North East
	Insurance Companies - Life.	Federation Insurance Ltd. The. 553 David St., Albury. 2640.	165053	1991	Premise Match	104m	North East
	Clothing - Retail - Mens &/Or Boys Wear	Fletcher Jones & Staff, 553 David St., Albury. 2640.	162478	1991	Premise Match	104m	North East
	Clothing - Retail - Ladies &/Or Girls Wear.	Fletcher Jones & Staff. 553 David St, Albury. 2640.	163289	1991	Premise Match	104m	North East
	Property Management.	Hamilton, Peter Real Estate, 553 David St. Albury. 2640.	166752	1991	Premise Match	104m	North East
	Auctioneers - Real Estate.	Hamilton, Peter Real Estate. 553 David St, Albury. 2640	165380	1991	Premise Match	104m	North East
	Real Estate Agents.	Hamilton. Peter Real Estate. 553 David St. Albury 2640	166808	1991	Premise Match	104m	North East
24	HAIRDRESSERS-GENT.'S	Jackson's, 514 Olive St., Albury 2640	599055	1970	Premise Match	108m	South West
	HAIRDRESSERS-(MEN'S) & TOBACCONISTS	Jackson's, 514 Olive St., Albury	183951	1961	Premise Match	108m	South West
	HAIRDRESSERS-MEN'S-& TOBACCONISTS	Jackson's, 514 Olive St. Albury	131683	1950	Premise Match	108m	South West
25	Clothing - Retail - Ladies &/Or Girls Wear.	Abbey Road Fashions. 478A Dean St., Albury. 2640.	163279	1991	Premise Match	109m	South
	Clothing - Retail - Baby &/Or Childrens Wear.	Albury Baby Carnages. 476 Dean St., Albury. 2640.	163267	1991	Premise Match	109m	South
	Toys - Retail.	Albury Baby Carriages, 476 Dean St, Albury. 2640.	164062	1991	Premise Match	109m	South
	Furniture Retail - Nursery	Albury Baby Carriages. 476 Dean St, Albury 2640	165943	1991	Premise Match	109m	South
	Hire Services.	Albury Baby Carriages. 476 Dean St. Albury. 2640.	167066	1991	Premise Match	109m	South
	Clothing - Retail - Ladies &/Or Girls Wear.	Campaign Clothing, Ritz Arc, 480 Dean St, Albury. 2640.	163286	1991	Premise Match	109m	South
	Clothing - Retail - Ladies &/Or Girls Wear.	Cheimaine Boutique. 478B Dean St, Albury. 2640.	163287	1991	Premise Match	109m	South
	Footwear Retailers.	Cheimaine Boutique. 478B Dean St, Albury. 2640.	165860	1991	Premise Match	109m	South
	Antique Dealers.	New Surroundings. The, Shop 2, Ritz Arc., 480 Dean St., Albury. 2640	167300	1991	Premise Match	109m	South
	Gift Shops.	New Surroundings. The, Shop 2. Ritz Arc., 480 Dean St., Albury 2640	166880	1991	Premise Match	109m	South
	Restaurants.	Ritz. The. Ritz Arc., 480 Dean St., Albury. 2640.	163644	1991	Premise Match	109m	South
	Clothing - Retail - Jeans & Denims.	Tramp Jeanery. The. 480 Dean St., Albury. 2640.	163278	1991	Premise Match	109m	South
	HAIRDRESSERS-GENT.'S	Archer, Roy, Ritz Arc., Albury 2640	599049	1970	Premise Match	109m	South
	DANCING TEACHERS	Bettina School of Dancing, Ritz Ballroom, Dean St., Albury 2640	598588	1970	Premise Match	109m	South

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25	DUPLICATING & TYPING SERVICES	Gestetner Pty. Ltd., 480 Dean St., Albury 2640	598680	1970	Premise Match	109m	South
	DRAPERS'	Peoples Store (The), 480 Dean St., Albury 2640	598658	1970	Premise Match	109m	South
	MERCERS-MEN'S & BOYS' OUTFITTERS	Peoples Store, 480 Dean St., Albury 2640	599336	1970	Premise Match	109m	South
	HALLS	Ritz Ballroom, Dean St., Albury 2640	599070	1970	Premise Match	109m	South
	LAUNDRIES	Ritz Laundrette, 2 Ritz Arc, Dean St., Albury 2640	599279	1970	Premise Match	109m	South
	BOOKSELLERS & STATIONERS	Riverina Office Service, 478 Dean St., Albury 2640	598123	1970	Premise Match	109m	South
	DATA PROCESSING EQUIPMENT MFRS. &/OR DIST.	Riverina Office Service, 478 Dean St., Albury 2640	598592	1970	Premise Match	109m	South
	STATIONERS-RETAIL	Riverina Office Service, 478 Dean St., Albury 2640	599890	1970	Premise Match	109m	South
	UPHOLSTERERS	Smith, A. J., Ritz Arc., Dean St., Albury 2640	600004	1970	Premise Match	109m	South
	HAIRDRESSERS-(MEN'S) & TOBACCONISTS	Archer, Roy, Ritz Arc., Albury	183947	1961	Premise Match	109m	South
	DANCING TEACHERS	Bettina School of Dancing, Ritz Ballroom, Dean St., Albury	183594	1961	Premise Match	109m	South
	DRAPERS	People's Store (The), 480 Dean St., Albury	183643	1961	Premise Match	109m	South
	HALLS	Ritz Ballroom, Dean St., Albury	183964	1961	Premise Match	109m	South
	LAUNDRIES	Ritz Laundrette, Ritz Arc., Albury	184128	1961	Premise Match	109m	South
	SEWING MACHINE SALES & SERVICE	Singer Sewing Machine Co., Ritz Arc., Albury	184561	1961	Premise Match	109m	South
	FURNITURE-SECONDHAND	Smith, A. J., Ritz Arc., Dean St., Albury	183834	1961	Premise Match	109m	South
	UPHOLSTERERS	Smith, A. J., Ritz Arc., Dean St., Albury	184666	1961	Premise Match	109m	South
	DEPARTMENT STORES	Variety Stores, 476 Dean St., Albury	183617	1961	Premise Match	109m	South
	GOVERNMENT DEPARTMENTS	Water Conservation and Irrigation Commission, Ritz Arc., Albury	183859	1961	Premise Match	109m	South
	DRESSMAKERS & COSTUMIERS	Wright, Jean, Ritz Arc., Albury	183650	1961	Premise Match	109m	South
	FURNISHERS-HOUSEHOLD	Ritz Furniture, Ritz Arc. Albury	131545	1950	Premise Match	109m	South
	FURNITURE MANUFACTURERS	Ritz Furniture, Ritz Arc. Albury	131564	1950	Premise Match	109m	South
	UPHOLSTERERS	Ritz Furniture, Ritz Arc. Albury	132167	1950	Premise Match	109m	South
	ELECTRICAL SUPPLIES & APPLIANCES	Seaton Agencies, Ritz Arc. Albury	131431	1950	Premise Match	109m	South
	RADIO SALES & SERVICE	Seaton Agencies, Ritz Arc. Albury	132024	1950	Premise Match	109m	South
	CYCLE SALES & SERVICE	Seaton Agencies, Ritz Arc., Dean St. Albury	130148	1950	Premise Match	109m	South
	DRESSMAKERS & COSTUMIERS	Wright, Jean, Ritz Arc. Albury	130215	1950	Premise Match	109m	South
26	Hairdressers - Ladies &/Or Beauty Salons	J.C. Hair Studio. 569 Olive St., Albury. 2640.	166970	1991	Premise Match	115m	North West
	FROCK & COAT SALONS	Dihood, R. Frock Salon, 569 Olive St., Albury 2640	598864	1970	Premise Match	115m	North West
	FROCK & COAT SALONS	Parisian Frock Salon (Rubye Dihood), 569 Olive St., Albury	183780	1961	Premise Match	115m	North West
27	Solicitors.	Aitken, C. P., 512 Olive St. Albury. 2640.	167519	1991	Premise Match	118m	South West
	Clothing - Retail - Baby &/Or Childrens Wear.	Albury Baby Carriages 512 Olive Street, Albury. 2640	163266	1991	Premise Match	118m	South West
	Health Foods - Retail	Olive Bulk Health Foods. The. 512 Olive St. Albury. 2640.	167049	1991	Premise Match	118m	South West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
27	Florists - Retail	Vines Florist. 510 Olive St, Albury. 2640.	165846	1991	Premise Match	118m	South West
	Gift Shops.	Vines Florist. 510 Olive St., Albury. 2640.	166890	1991	Premise Match	118m	South West
	HOSIERY & LINGERIE SPECIALISTS	Perl, A. & Co. (Selle & Cunningham), 512 Olive St., Albury 2640	599117	1970	Premise Match	118m	South West
	CAFES, TEA ROOMS & COFFEE LOUNGES, ETC.	Jeffries Fish Cafe (G. Jeffries, Proprietor), 510 Olive St., Albury	183402	1961	Premise Match	118m	South West
	HOSIERY & LINGERIE SPECIALISTS	Perl, A. & Co.(Selle and Cunningham), 512 Olive St., Albury	183992	1961	Premise Match	118m	South West
	DRAPERS	Perl, A., & Co., 512 Olive St., Albury	183644	1961	Premise Match	118m	South West
	FISHMONGERS-WHOLESALE	Jeffries' Fish Cafe (G. Jeffries), 510 Olive St. Albury	131462	1950	Premise Match	118m	South West
	HOSIERY & GLOVE SPECIALISTS	Peri, A. and Co. (Selle and Cunningham), 512 Olive St. Albury	131708	1950	Premise Match	118m	South West
28	Video Cassette Libraries.	Electronic Enterprises, 474A Dean St., Albury. 2640.	166091	1991	Premise Match	119m	South
	Hi-Fidelity Equipment Sales &/Or Service.	Electronic Enterprises. 474A Dean St. Albury 2640.	167063	1991	Premise Match	119m	South
	Television Hire Services.	Electronic Enterprises. 474A Dean St., Albury. 2640.	164004	1991	Premise Match	119m	South
	Television Sales &/Or Service.	Electronic Enterprises. 474A Dean St., Albury. 2640.	164007	1991	Premise Match	119m	South
	Fruiterers &/Or Greengrocers.	Jims Fruit & Veges. 474 Dean St., Albury. 2640	165887	1991	Premise Match	119m	South
	FROCK & COAT SALONS	La Mar, 474a Dean St., Albury 2640	598869	1970	Premise Match	119m	South
	HOSIERY & LINGERIE SPECIALISTS	La Mar, 474a Dean St., Albury 2640	599116	1970	Premise Match	119m	South
	CAKE SHOPS	Warwick Home Made Cakes, 474 Dean St., Albury 2640	598308	1970	Premise Match	119m	South
	FROCK & COAT SALONS	La Mar, 474a Dean St., Albury	183776	1961	Premise Match	119m	South
	HOSIERY & LINGERIE SPECIALISTS	La Mar, 474a Dean St., Albury	183991	1961	Premise Match	119m	South
	CAKE SHOPS	Warwick Home Made Cakes, 474 Dean St., Albury	183419	1961	Premise Match	119m	South
	DRAPERS	Herman and Co. Pty. Ltd., 474a Dean St. Albury	130189	1950	Premise Match	119m	South
29	Banks.	Commonwealth Banking Corporation. 482 Dean St, Albury. 2640.	165426	1991	Premise Match	121m	South
	Banks.	Commonwealth Development Bank Of Aust, 482 Dean St. Albury 2640	165429	1991	Premise Match	121m	South
	Medical Practitioners	Symonds. M. I, 482 Dean St, Albury. 2640.	165191	1991	Premise Match	121m	South
	BANKS	Commonwealth Development Bank of Aust., 482 Dean St., Albury 2640	598085	1970	Premise Match	121m	South
	BANKS	Commonwealth Savings Bank of Aust., 482 Dean St., Albury 2640	598086	1970	Premise Match	121m	South
	BANKS	Commonwealth Trading Bank of Aust., 482 Dean St., Albury 2640	598087	1970	Premise Match	121m	South
	ASSOCIATIONS & SOCIETIES	Murray Valley Development League, 482 Dean St., Albury 2640	598038	1970	Premise Match	121m	South
	RADIO SALES & SERVICE	Rava, M. & Co. (Albury) Pty. Ltd., 482 Dean St., Albury 2640	599761	1970	Premise Match	121m	South
	REFRIGERATOR SALES & SERVICE	Rava, M. & Co. (Albury) Pty. Ltd., 482 Dean St., Albury 2640	599792	1970	Premise Match	121m	South
	MOTOR CAR & TRUCK DEALERS-NEW & USED	Small Truck Sales (Used), 482 Dean St., Albury 2640	599419	1970	Premise Match	121m	South
	DOCTORS	Symonds, M., 482 Dean St., Albury 2640	598645	1970	Premise Match	121m	South
	DOCTORS	Hogan, Dr. A. B., 482 Dean St., Albury	183624	1961	Premise Match	121m	South
	RADIO SALES & SERVICE	Rava, M. & Co. (Albury) Pty. Ltd., 482 Dean St., Albury	184474	1961	Premise Match	121m	South



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29	REFRIGERATOR SALES & SERVICE	Rava, M. & Co. (Albury) Pty. Ltd., 482 Dean St., Albury	184513	1961	Premise Match	121m	South
	ELECTRICAL SUPPLIES & APPLIANCES	Rava, M., & Co. (Albury) Pty. Ltd., 482 Dean St., Albury	183685	1961	Premise Match	121m	South
	FROCK & COAT SALONS	Rudov's Modes, 482 Dean St., Albury	183782	1961	Premise Match	121m	South
	RADIO SALES & SERVICE	Raua (Albury) Pty. Ltd., 482 Dean St. Albury	132022	1950	Premise Match	121m	South
	REFRIGERATOR SALES & SERVICE	Raua (Albury) Pty. Ltd., 482 Dean St. Albury	132047	1950	Premise Match	121m	South
	ELECTRICAL SUPPLIES & APPLIANCES	Rava (Albury) Pty. Ltd., 482 Dean St. Albury	131429	1950	Premise Match	121m	South
30	INSURANCE ASSESSORS & ADJUSTERS	Banbrook, Byron H., 472 Dean St., Albury 2640	599167	1970	Premise Match	122m	South
	CYCLE SALES & SERVICE	Motor Spares Ltd., 472 Dean St., Albury 2640	598573	1970	Premise Match	122m	South
	ELECTRICAL SUPPLIES & APPLIANCES-RETAIL	Motor Spares Ltd., 472 Dean St., Albury 2640	598718	1970	Premise Match	122m	South
	MOTOR ACCESSORY & SPARE PARTS SPECIALISTS	Motor Spares Ltd., 472 Dean St., Albury 2640	599377	1970	Premise Match	122m	South
	MOTOR RADIATOR SPECIALISTS	Motor Spares Ltd., 472 Dean St., Albury 2640	599534	1970	Premise Match	122m	South
	RADIO SALES & SERVICE	Motor Spares Ltd., 472 Dean St., Albury 2640	599758	1970	Premise Match	122m	South
	ACCOUNTANTS & AUDITORS	Banbrook, Byron H., 472 Dean St., Albury	183150	1961	Premise Match	122m	South
	INSURANCE ASSESSORS & ADJUSTERS	Banbrook, Byron H., 472 Dean St., Albury	184033	1961	Premise Match	122m	South
	TAXATION CONSULTANTS	Banbrook, Byron H., 472 Dean St., Albury	184616	1961	Premise Match	122m	South
	CYCLE SALES & SERVICE	Motor Spares Ltd., 472 Dean St., Albury	183582	1961	Premise Match	122m	South
	ELECTRICAL SUPPLIES & APPLIANCES	Motor Spares Ltd., 472 Dean St., Albury	183681	1961	Premise Match	122m	South
	MOTOR ACCESSORIES & SPARE PARTS SPECIALISTS	Motor Spares Ltd., 472 Dean St., Albury	184204	1961	Premise Match	122m	South
	MOTOR RADIATOR SPECIALISTS	Motor Spares Ltd., 472 Dean St., Albury	184333	1961	Premise Match	122m	South
	RADIO SALES & SERVICE	Motor Spares Ltd., 472 Dean St., Albury	184470	1961	Premise Match	122m	South
	ELECTRICAL SUPPLIES & APPLIANCES	Motor Spares Ltd., 472 Dean St. Albury	131427	1950	Premise Match	122m	South
	MOTOR ACCESSORIES & SPARE PARTS	Motor Spares Ltd., 472 Dean St. Albury	131831	1950	Premise Match	122m	South
	RADIO SALES & SERVICE	Motor Spares Ltd., 472 Dean St. Albury	132019	1950	Premise Match	122m	South
31	Chemists - Pharmaceutical.	Wallace. P. N. & Co, 508 Olive St, Albury. 2640.	163239	1991	Premise Match	130m	South West
	GIFT SHOPS	Hutchinson's Newsagency, 508 Olive St., Albury 2640	598928	1970	Premise Match	130m	South West
	NEWSAGENTS	Hutchinson's Newsagency, 508 Olive St., Albury 2640	599612	1970	Premise Match	130m	South West
	NEWSAGENTS	Conroy, M. F. & Co., 508 Olive St., Albury	184392	1961	Premise Match	130m	South West
	BOOKSELLERS &/OR STATIONERS	Conroy, M. F. and Co., 508 Olive St., Albury	183277	1961	Premise Match	130m	South West
	TOYS	Conroy, M. F., & Co., 508 Olive St., Albury	184645	1961	Premise Match	130m	South West
32	Chemists - Pharmaceutical.	Albury Pharmacy. 486 Dean St, Albury 2640.	163227	1991	Premise Match	131m	South
	FROCK & COAT SALONS	Boutique, 486 Dean St., Albury 2640	598859	1970	Premise Match	131m	South
	MERCERS-MEN'S & BOYS' OUTFITTERS	Dean's, 486 Dean St., Albury 2640	599331	1970	Premise Match	131m	South
	DEPARTMENT STORES	Dean's, 486-490 Dean St., Albury 2640	598615	1970	Premise Match	131m	South

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
32	DENTISTS	Douglas, N. C., 486 Dean St., Albury 2640	598603	1970	Premise Match	131m	South
	DENTISTS	Douglas, N. C., 486 Dean St., Albury	183607	1961	Premise Match	131m	South
	DRAPERS	Rudin's, 486 Dean St., Albury	183645	1961	Premise Match	131m	South
	MERCERS-MEN'S & BOYS' OUTFITTERS	Rudin's, 486 Dean St., Albury	184165	1961	Premise Match	131m	South
	DEPARTMENT STORES	C. and C. Stores, 488-490 Dean St. Albury	130180	1950	Premise Match	131m	South
	GROCERS & GENERAL STOREKEEPERS	C. and C. Stores, 488-490 Dean St. Albury	131599	1950	Premise Match	131m	South
	DENTISTS	Edwards, T. A., 486 Dean St. Albury	130168	1950	Premise Match	131m	South
	DENTISTS	Jarrett, F. R., 486 Dean St. Albury	130169	1950	Premise Match	131m	South
	DRAPERS	Rudin's, 486 Dean St. Albury	130192	1950	Premise Match	131m	South
	FURNISHINGS-SOFT	Rudin's, 486 Dean St. Albury	131556	1950	Premise Match	131m	South
	TRAVEL GOODS	Rudin's, 486 Dean St. Albury	132161	1950	Premise Match	131m	South
33	Electrical Supplies &/Or Appliances - Retail	Atkinsons Miele Centre, 540 David St, Albury. 2640	162723	1991	Premise Match	131m	East
	Kitchen Units Mfrs. &/Or Dists. &/Or Installers	Atkinsons Miele Centre, 540 David St., Albury 2640.	165093	1991	Premise Match	131m	East
	Dish Washing Machines Mfrs. &/Or Dists.	Atkinsons Miele Centre. 540 David St, Albury 2640	162636	1991	Premise Match	131m	East
	Washing Machine Sales &/Or Service.	Atkinsons Miele Centre. 540 David St, Albury. 2640.	166113	1991	Premise Match	131m	East
	Refrigerator Dealers &/Or Servicemen.	Atkinsons Miele Centre. 540 David St. Albury. 2640.	163580	1991	Premise Match	131m	East
	GROCERS & GENERAL STOREKEEPERS	Joynson, C., 540 David St. Albury	131620	1950	Premise Match	131m	East
34	Drafting Services.	Battie. Graeme Drafting Services. 484 Dean St. Albury. 2640.	162652	1991	Premise Match	131m	South
	Taxation Consultants &/Or Specialists.	I.T.P. Albury. 484 Dean St. Albury. 2640.	163989	1991	Premise Match	131m	South
	BUILDING SOCIETIES	Hume Co-op. Permanent Building & Investment Society Ltd., 484 Dean St., Albury 2640	598226	1970	Premise Match	131m	South
	BUILDING SOCIETIES	Murray Valley Co-operative Building Society No. 1 Limited, 484 Dean St., Albury 2640	598228	1970	Premise Match	131m	South
	BUILDING SOCIETIES	Murray Valley Co-operative Building Society No. 2 Limited, 484 Dean St., Albury 2640	598229	1970	Premise Match	131m	South
	ACCOUNTANTS	Russell, D. J. & Co., 484 Dean St., Albury 2640	597943	1970	Premise Match	131m	South
	TAXATION CONSULTANTS	Russell, D. J. & Co., 484 Dean St., Albury 2640	599945	1970	Premise Match	131m	South
	SEWING MACHINE SALES & SERVICE	Singer Sewing Machine Co., 484 Dean St., Albury 2640	599847	1970	Premise Match	131m	South
	BUILDING SOCIETIES	Society Ltd., 484 Dean St. . Albury	598227	1970	Premise Match	131m	South
	BUILDING SOCIETIES	Wodonga No. 1 Co-operative Housing Society Ltd., 484 Dean St., Albury 2640	598231	1970	Premise Match	131m	South
	INSURANCE COMPANIES	British General Insurance Co. Ltd., 484 Dean St., Albury	184041	1961	Premise Match	131m	South
	INSURANCE COMPANIES	Colonial Mutual Fire insurance Co. Ltd., 484 Dean St., Albury	184045	1961	Premise Match	131m	South
	BUILDING SOCIETIES	Hume Co-op. Permanent Building and Investment Society Ltd., 484 Dean St., Albury	183354	1961	Premise Match	131m	South
	BUILDING SOCIETIES	Murray Valley Co-operative Building Society No. 1 Limited., 484 Dean St., Albury	183355	1961	Premise Match	131m	South

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34	BUILDING SOCIETIES	Murray Valley Co-operative Building Society No. 2 Limited., 484 Dean St., Albury	183356	1961	Premise Match	131m	South
	INSURANCE COMPANIES	New Zealand Insurance Co. Ltd., 484 Dean St., Albury	184059	1961	Premise Match	131m	South
	INSURANCE COMPANIES	North British Mercantile insurance Co. Ltd., 484 Dean St., Albury	184060	1961	Premise Match	131m	South
	ACCOUNTANTS & AUDITORS	Russell, D. J. & Co., 484 Dean St., Albury	183155	1961	Premise Match	131m	South
	INSURANCE COMPANIES	Russell, D. J. & Co., 484 Dean St., Albury	184067	1961	Premise Match	131m	South
	TAXATION CONSULTANTS	Russell, D. J., & Co., 484 Dean St., Albury	184618	1961	Premise Match	131m	South
	BUILDING SOCIETIES	Wodonga No. 1 Co-operative Housing Society Ltd., 484 Dean St., Albury	183358	1961	Premise Match	131m	South
35	Computer Software.	Computerland Albury/Wodonga, 536 David St., Albury. 2640.	162534	1991	Premise Match	131m	East
	Computer Sales &/Or Service	Computerland Albury/Wodonga. 536 David St., Albury. 2640.	162523	1991	Premise Match	131m	East
	Computer Training Services.	Computerland Albury/Wodonga. 536 David St., Albury. 2640.	162536	1991	Premise Match	131m	East
	Booksellers - Retail	Open Book. 538 David St. Albury. 2640.	165493	1991	Premise Match	131m	East
	Greeting Cards - Retail.	Open Book. 538 David St., Albury. 2640	166936	1991	Premise Match	131m	East
	Booksellers - Retail	The Open Book 538 David Street, Albury. 2640	165488	1991	Premise Match	131m	East
36	Furniture Mfrs. &/Or W/Salers. - General	Deans Of Dean Street. 488 Dean St., Albury. 2640.	165909	1991	Premise Match	131m	South
	Furniture Retail - Household.	Deans Of Dean Street. 488 Dean St., Albury. 2640.	165931	1991	Premise Match	131m	South
37	Duplicating &/Or Typing Services.	Document Copying Service, 532 David St, Albury. 2640.	162673	1991	Premise Match	131m	East
	Map Distributors.	Document Copying Service, 532 David St, Albury. 2640.	165162	1991	Premise Match	131m	East
	Engineers - Consulting.	Esler. B W & Associates. 532 David St, Albury 2640.	162752	1991	Premise Match	131m	East
	Surveyors - Land	Ester, B W. & Associates. 532 David St. Albury 2640.	163905	1991	Premise Match	131m	East
	Furniture Retail - Office.	Harrisons Office Equipment. 532 David St, Albury 2640	165948	1991	Premise Match	131m	East
	Office Equipment &/Or Supplies-Retail.	Harrisons Office Equipment. 532 David St, Albury. 2640.	166567	1991	Premise Match	131m	East
	Drawing & Drafting Equipment &/Or Supplies.	Harrisons Office Equipment. 532 David St., Albury 2640.	162656	1991	Premise Match	131m	East
	Office Equipment &/Or Supplies-Retail.	Hoe Harrison'S Office Equipment 532 David Street, Albury	166560	1991	Premise Match	131m	East
38	Film Projector Hirers.	Foto Supplies, 494 Dean St., Albury. 2640.	165804	1991	Premise Match	131m	South
	Dictating Machines Mfrs. &/Or Imps. &/Or Dists.	Foto Supplies. 494 Dean St, Albury 2640	162631	1991	Premise Match	131m	South
	Photographic Equipment &/Or Supplies Retail.	Foto Supplies. 494 Dean St. Albury. 2640.	166665	1991	Premise Match	131m	South
	Picture Frame Mfrs. &/Or Picture Framers.	Foto Supplies. 494 Dean St. Albury. 2640.	166670	1991	Premise Match	131m	South
	PHOTOGRAPHIC SUPPLIES, DEVELOPING & PRINTING SERVICES	Alda Photo Laboratory, 494 Dean St., Albury 2640	599682	1970	Premise Match	131m	South
	DICTATING MACHINES	Foto Supplies, 494 Dean St., Albury 2640	598617	1970	Premise Match	131m	South
	PHOTOGRAPHIC EQUIPMENT & SUPPLIES	Foto Supplies, 494 Dean St., Albury 2640	599680	1970	Premise Match	131m	South
	CAMERAS & CAMERA SUPPLIES & EQUIPMENT	Foto Supplies, 494-496 Dean St., Albury 2640	598310	1970	Premise Match	131m	South
	PICTURE FRAMERS	Foto Supplies, 494-496 Dean St., Albury 2640	599689	1970	Premise Match	131m	South

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
39	Musical Instrument &/Or Sheet Music Dealers.	Jefferson, Don Music Centre. 470 Dean St, Albury. 2640.	163473	1991	Premise Match	131m	South East
	Organ Dealers.	Jefferson. Don Music Centre. 470 Dean St, Albury 2640.	166584	1991	Premise Match	131m	South East
	Music Teachers.	Jefferson. Don Music Centre. 470 Dean St., Albury. 2640.	163468	1991	Premise Match	131m	South East
	DRAPERS'	Buckley, W. T., 470 Dean St., Albury 2640	598651	1970	Premise Match	131m	South East
	FROCK & COAT SALONS	Buckley's Frock Salon, 470 Dean St., Albury 2640	598860	1970	Premise Match	131m	South East
	ELECTRICAL SUPPLIES & APPLIANCES-RETAIL	O'Brien's, 470 Dean St., Albury 2640	598719	1970	Premise Match	131m	South East
	RADIO SALES & SERVICE	O'Brien's, 470 Dean St., Albury 2640	599759	1970	Premise Match	131m	South East
	REFRIGERATOR SALES & SERVICE	O'Brien's, 470 Dean St., Albury 2640	599790	1970	Premise Match	131m	South East
	FROCK & COAT SALONS	Buckley, G. P., 470 Dean St., Albury	183769	1961	Premise Match	131m	South East
	DRAPERS	Buckley, W. T., 470 Dean St., Albury	183638	1961	Premise Match	131m	South East
	ELECTRICAL SUPPLIES & APPLIANCES	O'Brien's, 470 Dean St., Albury	183682	1961	Premise Match	131m	South East
	RADIO SALES & SERVICE	O'Brien's, 470 Dean St., Albury	184471	1961	Premise Match	131m	South East
	REFRIGERATOR SALES & SERVICE	O'Brien's, 470 Dean St., Albury	184509	1961	Premise Match	131m	South East
	DRESS, GOWN & BLOUSE SPECIALISTS	Buckley, W. T., 470 Dean St. Albury	130196	1950	Premise Match	131m	South East
	RADIO SALES & SERVICE	O'Brien's, 470 Dean St. Albury	132020	1950	Premise Match	131m	South East
40	Clothing - Retail - Baby &/Or Childrens Wear.	Just Jeans, 492 Dean St., Albury. 2640.	163269	1991	Premise Match	131m	South
	Clothing - Retail - Ladies &/Or Girls Wear.	Just Jeans. 492 Dean St, Albury. 2640.	163293	1991	Premise Match	131m	South
	Clothing - Retail - Mens &/Or Boys Wear	Just Jeans. 492 Dean St., Albury 2640.	162480	1991	Premise Match	131m	South
	Clothing - Retail - Jeans & Denims.	Just Jeans. 492 Dean St., Albury. 2640.	163276	1991	Premise Match	131m	South
	DUPLICATING & TYPING SERVICES	A. & M. Duplicating Service, 492 Dean St., Albury 2640	598679	1970	Premise Match	131m	South
	GAS SUPPLIERS	Albury Gas Co. Ltd., 492 Dean St., Albury 2640	598921	1970	Premise Match	131m	South
	ACCOUNTANTS	Axtens & Muir, 492 Dean St., Albury 2640	597935	1970	Premise Match	131m	South
	TAXATION CONSULTANTS	Axtens, J. W. & L. T. Muir, Victoria House, 492 Dean St., Albury 2640	599942	1970	Premise Match	131m	South
	CHURCH REQUISITES	Catholic Mission Centre, 492 Dean St., Albury 2640	598457	1970	Premise Match	131m	South
	INSURANCE COMPANIES	Victoria Insurance Co. Ltd., The, Victoria Hse., 492 Dean St., Albury 2640	599214	1970	Premise Match	131m	South
	TAXATION CONSULTANTS	Axtens, J. W., & L. T. Muir, Victoria Hse., 492 Dean St., Albury	184615	1961	Premise Match	131m	South
	REAL ESTATE AGENTS	Taggart, L. & Co., 492 Dean St., Albury	184481	1961	Premise Match	131m	South
	ACCOUNTANTS & AUDITORS	Young & Lambert, 492 Dean St., Albury	366473	1961	Premise Match	131m	South
	REAL ESTATE AGENTS	Carter, R. H., 492 Dean St. Albury	132028	1950	Premise Match	131m	South
41	Sheepskin Product Mfrs. &/Or Dists.	Big Chief'S Trading Post, 530 David St, Albury. 2640.	167462	1991	Premise Match	132m	East
	Woollen Goods Mfrs. &/Or Dists.	Big Chiefs Trading Post. 530 David St, Albury. 2640.	166152	1991	Premise Match	132m	East
	Hotel &/Or Motel Equipment &/Or Supplies	Fulton, Noel Agencies Wholesalers Pty. Ltd., 530 David St. Albury. 2640	167116	1991	Premise Match	132m	East
	Furniture Mfrs. &/Or W/Salers. - General	Fulton. Noel Agencies Wholesalers Pty. Ltd., 530 David St. Albury 2640	165910	1991	Premise Match	132m	East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
41	Hospital Equipment &/Or Supplies Mfrs. &/Or Imps. &/Or Dists.	Fulton. Noel Agencies Wholesalers Pty. Ltd., 530 David St. Albury. 2640	167102	1991	Premise Match	132m	East
42	Valuers - Real Estate	Evans, J. C., 512 Swift St, Albury. 2640.	166079	1991	Premise Match	134m	North West
	Stock &/Or Station Agents.	Evans, J. C., 512 Swift St., Albury. 2640.	163881	1991	Premise Match	134m	North West
	Business Agents &/Or Brokers.	Evans. J C, 512 Swift St. Albury. 2640.	163035	1991	Premise Match	134m	North West
	Auctioneers - Real Estate.	Evans. J. C . 512 Swift St, Albury 2640.	165379	1991	Premise Match	134m	North West
	Real Estate Agents.	Evans. J. C . 512 Swift St., Albury 2640	166805	1991	Premise Match	134m	North West
	Hearing Aids.	Ryan. Terence Hearing Aids. Suite 2/512 Swift St. Albury. 2640.	167052	1991	Premise Match	134m	North West
	FINANCE COMPANIES & AGENTS	General Motors Acceptance Corporation Aust., 512 Swift St., Albury 2640	598822	1970	Premise Match	134m	North West
	INSURANCE-LOSS ASSESSORS	Treloar & Simpson, 512 Swift St., Albury 2640	599224	1970	Premise Match	134m	North West
	ACCOUNTANTS	Young & Lambert, 512 Swift St., Albury 2640	597947	1970	Premise Match	134m	North West
43	Associations &/Or Societies.	Murray Grey Beef Cattle Society. The. 460 Swift St., Albury. 2640.	165364	1991	Premise Match	136m	East
44	Delicatessens.	Farmers Delicatessen. 506 Olive St., Albury. 2640.	162598	1991	Premise Match	137m	South West
	CAFES & TEAROOMS	Classic Fish Supplies, 506 Olive St., Albury 2640	598292	1970	Premise Match	137m	South West
	FISHMONGERS	Classic Fish Supplies, 506 Olive St., Albury 2640	598826	1970	Premise Match	137m	South West
	CONFECTIONERY SHOPS & MILK BARS	Classic Café, 506 Olive St., Albury	183546	1961	Premise Match	137m	South West
45	CEMENT PAVING CONTRACTORS	Emil Cement Works, 579 Olive St., Albury 2640	598413	1970	Premise Match	137m	North West
	PAVING CONTRACTORS	Emil Cement Works, 579 Olive St., Albury 2640	599671	1970	Premise Match	137m	North West
	TERRAZZO WORKERS	Emil Cement Works, 579 Olive St., Albury 2640	599960	1970	Premise Match	137m	North West
	MONUMENTAL MASONS	Albury Monumental Works, 579 Olive St., Albury	184187	1961	Premise Match	137m	North West
	CEMENT PAVING CONTRACTORS	Emil Cement Works, 579 Olive St., Albury	183478	1961	Premise Match	137m	North West
	TERRAZZO WORKERS	Emil Cement Works, 579 Olive St., Albury	184635	1961	Premise Match	137m	North West
46	Clothing - Retail - Ladies &/Or Girls Wear.	Headquarters Fashion Box. 468 Dean St, Albury. 2640.	163291	1991	Premise Match	141m	South East
	Health Foods - Retail	Sanitarium Health Foods. 468A Dean St. Albury. 2640	167050	1991	Premise Match	141m	South East
	CHEMISTS-PHARMACEUTICAL	Rowe's Pharmacy, 468 Dean St., Albury 2640	598439	1970	Premise Match	141m	South East
	CHEMISTS	Rowe, H. E., 468 Dean St., Albury	183493	1961	Premise Match	141m	South East
47	Bakers	Warwick Cakes, 504 Olive St, Albury 2640.	165420	1991	Premise Match	143m	South West
	Cake Shops &/Or Pastrycooks.	Warwick Cakes. 504 Olive St, Albury. 2640.	163112	1991	Premise Match	143m	South West
	CHIROPODISTS	Friedlieb, Miss Wilma, 504 Olive St., Albury 2640	598449	1970	Premise Match	143m	South West
	CHEMISTS-PHARMACEUTICAL	Friedlieb's Pharmacy, 504 Olive St., Albury 2640	598433	1970	Premise Match	143m	South West
	CHEMISTS	Friedlieb's Pharmacy, 504 Olive St., Albury	183488	1961	Premise Match	143m	South West
48	Manchester Goods Retail.	Prints & Plains, 466 Dean St, Albury. 2640.	165161	1991	Premise Match	144m	South East
	Beds &/Or Bedding - Retail.	Prints & Plains. 466 Dean St, Albury 2640	165462	1991	Premise Match	144m	South East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
48	FROCK & COAT SALONS	Nesire, T., 466 Dean St., Albury 2640	598875	1970	Premise Match	144m	South East
	FROCK & COAT SALONS	Nesire, T., 466 Dean St., Albury	183779	1961	Premise Match	144m	South East
	DRESS, GOWN & BLOUSE SPECIALISTS	Nesare, T., 466 Dean St. Albury	130205	1950	Premise Match	144m	South East
	MILLINERS	Nesare, T., 466 Dean St. Albury	131816	1950	Premise Match	144m	South East
	ELECTRICAL SUPPLIES & APPLIANCES	O'Brien's, 466 Dean St. Albury	131428	1950	Premise Match	144m	South East
49	Banks.	Anz Banking Group Ltd, 500 Dean St, Albury. 2640	165423	1991	Premise Match	146m	South
	Financiers &/Or Finance Agents.	Esanda Limited. 500 Dean St. Albury. 2640.	165817	1991	Premise Match	146m	South
	Clothing - Retail - Ladies &/Or Girls Wear.	Magnin Pty. Ltd., 498 Dean St. Albury. 2640.	163296	1991	Premise Match	146m	South
	Sewing Machine - Domestic - Sales &/Or Service.	Sewing Machine Supply, 498 Olive St, Albury. 2640.	167461	1991	Premise Match	146m	South
	CAKE SHOPS	Down, A. L., 500 Dean St., Albury	183416	1961	Premise Match	146m	South
50	Schools &/Or Colleges - Private &/Or Public.	Albury Technical College. 502 Dean St. Albury. 2640.	167408	1991	Premise Match	148m	South West
	SCHOOLS & COLLEGES	Albury Technical College, Dean St., Albury 2640	599819	1970	Premise Match	148m	South West
	SCHOOLS & COLLEGES	Albury Technical College, Dean St., Albury	184534	1961	Premise Match	148m	South West
	SCHOOLS & COLLEGES	Albury Technical College, Dean St. Albury	132063	1950	Premise Match	148m	South West
51	Restaurants.	Maudie'Swine Bistro, 464A Dean St., Albury. 2640.	163633	1991	Premise Match	148m	South East
	OPTOMETRISTS & OPTICIANS	Gibb & Beeman (Spectacle Makers) Pty. Ltd., 464a Dean St., Albury 2640	599626	1970	Premise Match	148m	South East
	BUTCHERS	Widdison, R. O. & M. D., 464 Dean St., Albury 2640	598279	1970	Premise Match	148m	South East
	OPTOMETRISTS & OPTICIANS	Gibb & Beeman Pty. Ltd., 464a Dean St., Albury	184402	1961	Premise Match	148m	South East
	BUTCHERS	Swift Australian Co. (Pty.) Ltd., 464 Dean St., Albury	183382	1961	Premise Match	148m	South East
	OPTOMETRISTS & OPTICIANS	Gibb and Beeman Pty. Ltd., 464a Dean St. Albury	131954	1950	Premise Match	148m	South East
52	Building Societies.	Albury & District Co-Operative Housing Society. 520 Swift St., Albury. 2640	165563	1991	Premise Match	149m	West
	Auctioneers - Real Estate.	Colquhoun, Arthur G. & Co, 520 Swift St, Albury. 2640.	165375	1991	Premise Match	149m	West
	Property Management.	Colquhoun. Arthur G. & Co., 520 Swift St., Albury. 2640.	166750	1991	Premise Match	149m	West
	Real Estate Agents.	Colquhoun. Arthur G. & Co., 520 Swift St., Albury. 2640.	166797	1991	Premise Match	149m	West
	Valuers - Real Estate	Colquhoun. Arthur G. & Co., 520 Swift St., Albury. 2640.	166077	1991	Premise Match	149m	West
	Accountants & Auditors.	Coopers & Lyrbrand, 520 Swift St., Albury. 2640	167210	1991	Premise Match	149m	West
	Government Departments.	Defence Force Careers Reference Centre. 520 Swift St., Albury. 2640.	166908	1991	Premise Match	149m	West
	Photo Copying Services.	Kwik-Kopy Printing Centre. 520 Swift St, Albury. 2640.	166647	1991	Premise Match	149m	West
	Printers - General	Kwik-Kopy Printing Centre. 520 Swift St., Albury. 2640.	166727	1991	Premise Match	149m	West
	Take-Away Foods.	Lynne'S Sandwich Bar. 520 Swift St., Albury 2640.	163948	1991	Premise Match	149m	West
	Insurance Agents	Sun Alliance Insurance, 520 Swift St., Albury. 2640.	165027	1991	Premise Match	149m	West
	Insurance Companies - Life.	Sun Alliance Insurance. 520 Swift St., Albury. 2640.	165057	1991	Premise Match	149m	West
	Solicitors.	Weatherley & Co., 520 Swift St., Albury. 2640.	167529	1991	Premise Match	149m	West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
52	DOCTORS	Buckmater, N. S., 520 Swift St., Albury 2640	598624	1970	Premise Match	149m	West
	DOCTORS	Caro, A., 520 Swift St., Albury 2640	598625	1970	Premise Match	149m	West
	DOCTORS	Stephens, W. B., 520 Swift St., Albury 2640	598642	1970	Premise Match	149m	West

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## Business Directory Records 1950-1991

### Road or Area Matches

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

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
53	Newspapers, Journals &/Or Periodicals.	Border Morning Mail Pty. Ltd., Swift St., Albury. 2640.	166553	1991	Road Match	0m
	Motor Brake Specialists.	Ensign Tyre Brake & Exhaust, Swift St., Albury. 2640.	165306	1991	Road Match	0m
	Motor Exhaust Systems &/Or Mufflers Mfrs. &/Or Dists. &/Or Fitters	Ensign Tyre Brake & Exhaust, Swift St., Albury. 2640.	164709	1991	Road Match	0m
	Motor Tyre Dealers, Retreaders &/Or Vulcanisers.	Ensign Tyre Brake & Exhaust. Swift St. Albury. 2640	166252	1991	Road Match	0m
	Solicitors.	Kell & Moore. 530 Swift St., Albury. 2640.	167525	1991	Road Match	0m
	Furniture Mfrs. &/Or W/Salers. - Outdoors.	Sheds Shop, The. 445 Swift St., Albury. 2640.	165913	1991	Road Match	0m
	Tile - Floor &/Or Wall - Mfrs. &/Or Imps. &/Or Merchants	Tile Sellers 445 Swift Street, Albury. 2640	164020	1991	Road Match	0m
	Waterproofing Materials Mfrs. &/Or Dists.	Tile Sellers. 445 Swift St. Albury. 2640.	166120	1991	Road Match	0m
	Tile - Floor &/Or Wall - Mfrs. &/Or Imps. &/Or Merchants	Tile Sellers. 445 Swift St., Albury. 2640.	164027	1991	Road Match	0m
	CANVAS GOODS MANUFACTURERS	Bohr, Reg, 495 Swift St., Albury 2640	598316	1970	Road Match	0m
	ELECTRIC MOTORS-DEALERS &/OR WHOLESALERS	Munro, D. J. Pty. Ltd., 445 Swift St., Albury 2640	598690	1970	Road Match	0m
	ENGINEERS-WATER PURIFICATION	Munro, D. J. Pty. Ltd., 445 Swift St., Albury 2640	598778	1970	Road Match	0m
	IRRIGATION SYSTEMS-EQUIPMENT MFRS. &/OR DISTS.	Munro, D. J. Pty. Ltd., 445 Swift St., Albury 2640	599226	1970	Road Match	0m
	MACHINERY MERCHANTS	Munro, D. J. Pty. Ltd., 445 Swift St., Albury 2640	599323	1970	Road Match	0m
	PLUMBERS' SUPPLIES	Munro, D. J. Pty. Ltd., 445 Swift St., Albury 2640	599730	1970	Road Match	0m
	PUMP SALES & SERVICE	Munro, D. J. Pty. Ltd., 445 Swift St., Albury 2640	599748	1970	Road Match	0m
	CHAIN SAW SALES & SERVICE	Permazel, Y. A. & Co., 479 Swift St., Albury 2640	598417	1970	Road Match	0m
	FARM & STATION SUPPLIES	Permezel, Y. A. & Co., 479 Swift St., Albury 2640	598794	1970	Road Match	0m
	AGRICULTURAL CHEMICALS	Permezel, Y. A. & Co., 479 Swift St., Albury 2640	597963	1970	Road Match	0m
	AGRICULTURAL MACHINERY AGENTS	Permezel, Y. A. & Co., 479 Swift St., Albury 2640	597981	1970	Road Match	0m
	BULK HANDLING EQUIPMENT	Permezel, Y. A. & Co., 479 Swift St., Albury 2640	598237	1970	Road Match	0m
	HARDWARE &/OR BUILDERS SUPPLIES	Permezel, Y. A. & Co., 479 Swift St., Albury 2640	599085	1970	Road Match	0m
	STOCK MEDICINES	Permezel, Y. A. & Co., 479 Swift St., Albury 2640	599924	1970	Road Match	0m
	PAINT & VARNISH MERCHANTS	Permezel, Y. A. & Co., 479 Swift St., Albury 2640	599638	1970	Road Match	0m
	CONFECTIONERS-MANUFACTURING & W'SALE	Riverina & North East Wholesalers Pty. Ltd., 477 Swift St., Albury 2640	598530	1970	Road Match	0m
	DOCTORS	Woods, L. S., 527 Swift St., Albury 2640	598648	1970	Road Match	0m
	CANVAS GOODS MANUFACTURERS	Bohr, Reg, 495 Swift St., Albury	183421	1961	Road Match	0m
	SADDLERS & HARNESS MAKERS	Bohr, Reg., 495 Swift St., Albury	184520	1961	Road Match	0m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
53	GLASS MERCHANTS	Border City Glass Co., 494 Swift St., Albury	183842	1961	Road Match	0m
	GLAZIERS	Border City Glass Co., 494 Swift St., Albury	183845	1961	Road Match	0m
	GUEST HOUSES	Burnley Guest House, 523 Swift St., Albury	183925	1961	Road Match	0m
	BOOT & SHOE REPAIRERS	Dick, P. E., Rear of Abbots, 494 Swift St., Albury	183284	1961	Road Match	0m
	MOTOR PAINTERS & PANEL BEATERS	Mead, W. A., 494 Swift St., Albury	184312	1961	Road Match	0m
	CONFECTIONERS-MFG. & WHOLESALE	Riverina & North East Wholesalers, 477 Swift St., Albury	183541	1961	Road Match	0m
	FURNISHERS (HOUSEHOLD)	Studdert's Furniture Store, 479 Swift St., Albury	183820	1961	Road Match	0m
	SECONDHAND DEALERS	Studdert's Furniture Store, 479 Swift St., Albury	184551	1961	Road Match	0m
	DOCTORS	Woods, Dr. L. S., 527 Swift St., Albury	183633	1961	Road Match	0m
	GUEST HOUSES	Burnley Guest House, 523 Swift St. Albury	131661	1950	Road Match	0m
54	Insurance Agents	A A.M.I., Olive St, Albury. 2640	167162	1991	Road Match	50m
	Travel Goods - Retail.	Abikhair, S. M, 558 Olive St., Albury, 2640.	164090	1991	Road Match	50m
	Clothing - Retail - Ladies &/Or Girls Wear.	Abikhair, S. M. 558 Olive St. Albury. 2640.	163280	1991	Road Match	50m
	Clothing - Retail - Mens &/Or Boys Wear	Abikhair, S. M. 558 Olive St. Albury. 2640.	162469	1991	Road Match	50m
	Manchester Goods Retail.	Abikhair. S. M, 558 Olive St, Albury 2640	165159	1991	Road Match	50m
	Haberdashery - Retail.	Abikhair. S. M. 558 Olive St, Albury. 2640.	166955	1991	Road Match	50m
	Drapers &/Or Haberdashers.	Abikhair. S. M. 558 Olive St., Albury. 2640.	162653	1991	Road Match	50m
	Restaurants.	Callaghans Cafe, 556 Olive St., Albury. 2640.	163602	1991	Road Match	50m
	Take-Away Foods.	Callaghans Cafe. 556 Olive St., Albury. 2640.	163924	1991	Road Match	50m
	Take-Away Foods.	Carousel Coffee Lounge. Olive St., Albury. 2640.	163926	1991	Road Match	50m
	Chemists - Pharmaceutical.	Centrepont Pharmacy, Centrepont Shopping Centre, Olive St, Albury. 2640	163230	1991	Road Match	50m
	Tourist Attractions.	Frog Hollow Albury, Olive St , Albury. 2640.	164058	1991	Road Match	50m
	Restaurants.	Frog Hollow Albury, Olive St., Albury 2640.	163612	1991	Road Match	50m
	Bakers	Neil'S Fine Cakes & Pastries. Olive St. Albury. 2640.	165414	1991	Road Match	50m
	Take-Away Foods.	Neil'S Fine Cakes & Pastries. Olive St., Albury. 2640.	163954	1991	Road Match	50m
	Government Departments.	Police Station. Olive St., Albury. 2640.	166922	1991	Road Match	50m
	Taxi &/Or Hire Car Services.	Ryans Taxi Rank, Olive St., Albury 2640	163992	1991	Road Match	50m
	Building Societies.	United Permanent Building Society. Olive St, Albury. 2640.	165568	1991	Road Match	50m
	DRAPERS'	Abikhair, A. M., 558 Olive St., Albury 2640	598649	1970	Road Match	50m
	DEPARTMENT STORES	C. & C. Stores, 522 Olive St., Albury 2640	598612	1970	Road Match	50m
	DRAPERS'	C. & C. Stores, 522 Olive St., Albury 2640	598652	1970	Road Match	50m
	FOUNDATION GARMENT SPECIALISTS	Carroll, R., 485 Olive St., Albury 2640	598854	1970	Road Match	50m
	ELECTRICAL SUPPLIES & APPLIANCES-RETAIL	Homecrafts, 516 Olive St., Albury 2640	598714	1970	Road Match	50m
	RADIO SALES & SERVICE	Malvern Star Stores Pty. Ltd., 516 Olive St., Albury 2640	599756	1970	Road Match	50m
	REFRIGERATOR SALES & SERVICE	Malvern Star Stores Pty. Ltd., 516 Olive St., Albury 2640	599788	1970	Road Match	50m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
54	HARDWARE MERCHANTS .	Reis, W. C., 522 Olive St., Albury 2640	599096	1970	Road Match	50m
	TYPEWRITER SALES & SERVICE	Remington Rand-Chartres Pty, Ltd., 485 Olive St., Albury 2640	599999	1970	Road Match	50m
	BAKERS & PASTRYCOOKS	Ricardo's Cakes, 530 Olive St., Albury 2640	598072	1970	Road Match	50m
	PASTRYCOOKS	Ricardo's Cakes, 530 Olive St., Albury 2640	599667	1970	Road Match	50m
	MOTOR CYCLE SALES & SERVICE	Steen, S., 528 Olive St., Albury 2640	599430	1970	Road Match	50m
	CYCLE SALES & SERVICE	Steen, Stan, 528 Olive St., Albury 2640	598575	1970	Road Match	50m
	BAKERS & PASTRYCOOKS	Surriento Bakery, 605 Olive St., Albury 2640	598075	1970	Road Match	50m
	MOTOR SERVICE STATIONS	Albury Motors Pty. Ltd., 539 Olive St., Albury	184337	1961	Road Match	50m
	MOTOR GARAGES & ENGINEERS	Albury Motors Pty. Ltd., Olive St., Albury	184260	1961	Road Match	50m
	DEPARTMENT STORES	C. & C. Stores, 522 Olive St., Albury	183613	1961	Road Match	50m
	GROCERS & GENERAL STOREKEEPERS	C. & G. Stores, 522 Olive St., Albury	183876	1961	Road Match	50m
	HAIRDRESSERS-(LADIES') & BEAUTY SALONS	Elaine's, 556 Olive St., Albury	183935	1961	Road Match	50m
	CHIROPODISTS	Friedlieb, Miss Wilma, 583 Olive St., Albury	183500	1961	Road Match	50m
	MOTOR ACCESSORIES & SPARE PARTS SPECIALISTS	Lane's Motors Pty. Ltd. (also Wholesale), 522 Olive St., Albury	184202	1961	Road Match	50m
	ELECTRICAL SUPPLIES & APPLIANCES	Malvern Star Stores Pty. Ltd., 516 Olive St., Albury	183678	1961	Road Match	50m
	RADIO SALES & SERVICE	Malvern Star Stores Pty. Ltd., 516 Olive St., Albury	184468	1961	Road Match	50m
	REFRIGERATOR SALES & SERVICE	Malvern Star Stores Pty. Ltd., 516 Olive St., Albury	184507	1961	Road Match	50m
	MOTOR CAR & TRUCK DEALERS	Passant, Edgar, & Co., 535 Olive St., Albury	184234	1961	Road Match	50m
	MOTOR GARAGES & ENGINEERS	Passant, Edgar, & Co., 535 Olive St., Albury	184283	1961	Road Match	50m
	MOTOR SERVICE STATIONS	Passant, Edgar, & Co., 535 Olive St., Albury	184361	1961	Road Match	50m
	TRACTOR SALES & SERVICE	Passant, Edgar, & Co., 535 Olive St., Albury	184655	1961	Road Match	50m
	BAKERS & PASTRYCOOKS	Thiel's Bakery, 530 Olive St., Albury	366366	1961	Road Match	50m
	DRAPERS	Abikhair, S. M., 558 Olive St. Albury	130185	1950	Road Match	50m
	FOOTWEAR RETAILERS	Abikhair, S. M., 558 Olive St. Albury	131471	1950	Road Match	50m
	FURNISHERS-HOUSEHOLD	Abikhair, S. M., 558 Olive St. Albury	131540	1950	Road Match	50m
	FURNISHINGS-SOFT	Abikhair, S. M., 558 Olive St. Albury	131550	1950	Road Match	50m
	MERCERS-MEN'S & BOYS' OUTFITTERS	Abikhair, S. M., 558 Olive St. Albury	131798	1950	Road Match	50m
	MOTOR SERVICE STATIONS	Albury Motors Pty. Ltd., 539 Olive St. Albury	131910	1950	Road Match	50m
	MOTOR GARAGES & ENGINEERS	Albury Motors Pty. Ltd., Olive St. Albury	131860	1950	Road Match	50m
	HAIRDRESSERS (LADIES') & BEAUTY SALONS	Elaine's (Mrs. B. Burch), 556 Olive St. Albury	131667	1950	Road Match	50m
	CYCLE SALES & SERVICE	Gribble's Cycle Depot (C. A. C. Gribble), 537 Olive St. Albury	130144	1950	Road Match	50m
	MOTOR ACCESSORIES & SPARE PARTS	Lane's Motors Pty. Ltd. (also Wholesale), 522 Olive St. Albury	131830	1950	Road Match	50m
	GROCERS & GENERAL STOREKEEPERS	Macklin, S. R., 516 Olive St. Albury	131627	1950	Road Match	50m
	TAILORS	McGrory, H., 528 Olive St. Albury	132117	1950	Road Match	50m
	MOTOR CAR & TRUCK DEALERS	Passants Garage (Edgar Passant), 535 Olive St. Albury	131848	1950	Road Match	50m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
54	MOTOR GARAGES & ENGINEERS	Passant's Garage (Edgar Passant), 535 Olive St. Albury	131873	1950	Road Match	50m
	MOTOR SERVICE STATIONS	Passant's Garage (Edgar Passant), 535 Olive St. Albury	131921	1950	Road Match	50m
	MERCERS-MEN'S & BOYS' OUTFITTERS	Perl, A. and Co. (Selle and Cunningham), Olive St. Albury	131804	1950	Road Match	50m
	REFRIGERATOR SALES & SERVICE	Smith, S., 531 Olive St. Albury	132048	1950	Road Match	50m
55	Clothing - Retail - Ladies &/Or Girls Wear.	4 Seasons Designs, Myer Complex. David St, Albury. 2640.	163290	1991	Road Match	101m
	Motels.	Albury Garden Court Motel. David St., Albury. 2640.	165234	1991	Road Match	101m
	Supermarkets	Baily. Bob Supermarkets. 512 David St., Albury. 2640.	163899	1991	Road Match	101m
	Investment Counsellors.	Block. H & R, David St., Albury 2640	165069	1991	Road Match	101m
	Taxation Consultants &/Or Specialists.	Block. H. & R., David St, Albury. 2640.	163985	1991	Road Match	101m
	Accountants & Auditors.	Block. H. & R., David St., Albury. 2640.	167209	1991	Road Match	101m
	Insurance Agents	Block. H. & R., David St., Albury. 2640.	167167	1991	Road Match	101m
	Motels.	Ellis'S Townhouse Motel, David St, Albury. 2640.	165252	1991	Road Match	101m
	Stock &/Or Station Agents.	Harman Zwar & Marshall, Shop 6, Myer Complex, David St., Albury. 2640	163883	1991	Road Match	101m
	Business Agents &/Or Brokers.	Harman Zwar & Marshall. Shop 6. Myer Complex, David St., Albury. 2640	163038	1991	Road Match	101m
	Auctioneers.	Harman Zwar & Marshall. Shop 6. Myer Complex. David St, Albury. 2640	165388	1991	Road Match	101m
	Real Estate Agents.	Harman Zwar & Marshall. Shop 6. Myer Complex. David St., Albury. 2640	166809	1991	Road Match	101m
	Hospital &/Or Medical Benefits Funds.	Hospital Contribution Fund, Shop 5. Myer Complex, David St., Albury. 2640	167095	1991	Road Match	101m
	Schools &/Or Colleges - Private &/Or Public.	Infant School. David St., Albury. 2640.	167414	1991	Road Match	101m
	Clothing - Retail - Mens &/Or Boys Wear	Jacqueline Eve. Shop 16. Myer Complex, David St., Albury. 2640.	162479	1991	Road Match	101m
	Saddlers.	Kluth Saddlery, Shop 3, Cinema Centre, David St., Albury. 2640.	163704	1991	Road Match	101m
	Hospital &/Or Medical Benefits Funds.	Medibank Private. Shop 23. Myer Complex. David St., Albury. 2640.	167098	1991	Road Match	101m
	Hospital &/Or Medical Benefits Funds.	Medicare. Shop 23. Myer Complex, David St., Albury. 2640.	167099	1991	Road Match	101m
	Motor Car Dealers - New &/Or Used.	Motor Market (Used). 507 David St. Albury 2640	164644	1991	Road Match	101m
	Clothing - Retail - Ladies &/Or Girls Wear.	Noall. N, David St. Albury. 2640.	163298	1991	Road Match	101m
	Real Estate Agents.	Professionals. Shop 6. Myer Complex. David St., Albury. 2640.	166817	1991	Road Match	101m
	Photographic Developing, Printing &/Or Colouring Services.	Replace-A-Film, Shop 26. Myer Complex. David St., Albury. 2640.	166662	1991	Road Match	101m
	Picture Frame Mfrs. &/Or Picture Framers.	Replace-A-Film. Shop 26, Myer Complex. David St., Albury. 2640.	166673	1991	Road Match	101m
	Clothing - Retail - Mens &/Or Boys Wear	Roger David, Shop 17. Myer Complex. David St. Albury. 2640.	162486	1991	Road Match	101m
	Hotels - Licensed.	Sodens Australia Hotel-Motel Pty. Ltd., David St., Albury 2640	167131	1991	Road Match	101m
	Motels.	Sodens Australia Hotel-Motel Pty. Ltd., David St., Albury 2640	165270	1991	Road Match	101m
	Real Estate Agents.	Stanley & Martin Real Estate, Shop 6. Myer Complex, David St., Albury. 2640.	166821	1991	Road Match	101m
	Hairdressers - Mens	Sue Ann Hairdressing For Men, Shop 3, Myer Complex. David St., Albury. 2640	167017	1991	Road Match	101m
	Hairdressers - Ladies &/Or Beauty Salons	Susan Hines Family Hairdressing. Myer Complex. David St, Albury. 2640	166993	1991	Road Match	101m
	Restaurants.	Tiffins, Shop 1. Cinema Centre, David St., Albury. 2640.	163658	1991	Road Match	101m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
55	Cafes, Tea Rooms &/Or Coffee Lounges.	Tiffins. Shop 1. Cinema Centre. David St, Albury. 2640.	163103	1991	Road Match	101m
	Take-Away Foods.	Tiffins. Shop 1. Cinema Centre. David St. Albury 2640.	163968	1991	Road Match	101m
	Travel Agencies.	Traveland, Shop 28, Myer Complex, David St., Albury. 2640.	164089	1991	Road Match	101m
	Insurance Agents	Western Underwriters Insurance Ltd., Shop 2, Myer Complex, David St., Albury 2640.	165034	1991	Road Match	101m
	Insurance Companies - Motor.	Western Underwriters Insurance Ltd., Shop 2. Myer Complex. David St . Albury. 2640.	165059	1991	Road Match	101m
	Real Estate Agents.	Witnish Real Estate. David St., Albury. 2640.	166824	1991	Road Match	101m
	HOSTELS	Adamhurst Hostel, David St., Albury 2640	599126	1970	Road Match	101m
	LAUNDRIES	Albury Overall Cleaning Service, 558 David St., Albury 2640	599274	1970	Road Match	101m
	BOOT & SHOE RETAILERS	Anderson, L. O., 508 David St., Albury 2640	598129	1970	Road Match	101m
	FARM & STATION SUPPLIES	Avery, F. A. Pty. Ltd., 493 David St., Albury 2640	598783	1970	Road Match	101m
	BATTERY SALES & SERVICE	Bockman, A. A. & Co., 511-513 David St., Albury 2640	598093	1970	Road Match	101m
	MOTOR SERVICE STATIONS	Bockman, A. A. & Co., 511-513 David St., Albury 2640	599546	1970	Road Match	101m
	CHURCHES	Church of Christ, David St., Albury 2640	598459	1970	Road Match	101m
	OFFICE SUPPLIES & EQUIPMENT	Dataprint Pty. Ltd., David St., Albury 2640	599619	1970	Road Match	101m
	TYPEWRITER SALES & SERVICE	Dataprint Pty. Ltd., David St., Albury 2640	599997	1970	Road Match	101m
	PARKS, GARDENS, SPORTS GROUNDS, ETC.	Greenfield Park, David St., Albury 2640	599662	1970	Road Match	101m
	DRY CLEANERS, DYERS & PRESSERS	Hanrahan's Dry Cleaning & Laundry Service, 558 David St., Albury 2640	598676	1970	Road Match	101m
	LAUNDRIES	Hanrahan's Dry Cleaning & Laundry Service, 558 David St., Albury 2640	599275	1970	Road Match	101m
	HAIRDRESSERS (LADIES') & BEAUTY SALONS	Helenes Beauty Salon, 504 David St., Albury 2640	599035	1970	Road Match	101m
	HOSTELS	High School Girls' Hostel, David St., Albury 2640	599128	1970	Road Match	101m
	SCHOOLS & COLLEGES	Infant School, David St., Albury 2640	599824	1970	Road Match	101m
	MOTOR ENGINEERS	Lindner, J. A. & Sons, 515 David St., Albury 2640	599446	1970	Road Match	101m
	MOTOR GARAGES & ENGINEERS	Lindner, J. A. & Sons, 515 David St., Albury 2640	599465	1970	Road Match	101m
	MOTOR ENGINE RECONDITIONERS	Lindner, J. A. & Sons, Rear 515 David St., Albury 2640	599440	1970	Road Match	101m
	MOTOR PASSENGER SERVICES	McDonalds Passenger & Freight Service, 509 David St., Albury 2640	599528	1970	Road Match	101m
	MOTOR PASSENGER SERVICES	Monson, A. J., 509 David St., Albury 2640	599530	1970	Road Match	101m
	BUS SERVICES	Monson's Bus Services, 509 David St., Albury 2640	598241	1970	Road Match	101m
	GOVERNMENT DEPARTMENTS	Murray River County Council Electricity Supply, David St., Albury 2640	598958	1970	Road Match	101m
	LAUNDRIES	Picketts Laundry, 558 David St., Albury 2640	599278	1970	Road Match	101m
	ELECTRICAL SUPPLIES & APPLIANCES-RETAIL	Smith, Stanley D., 506 David St., Albury 2640	598725	1970	Road Match	101m
	SCALES & SLICING MACHINES	Smith, Stanley D., 506 David St., Albury 2640	599814	1970	Road Match	101m
	WASHING MACHINE SALES & SERVICE	Smith, Stanley D., 506 David St., Albury 2640	600016	1970	Road Match	101m
	GIFT SHOPS	Sommerland, 508 David St., Albury 2640	598931	1970	Road Match	101m
	DRY CLEANERS, DYERS & PRESSERS	Spotless Country Service, 558 David St., Albury 2640	598678	1970	Road Match	101m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
55	MOTOR GARAGES & ENGINEERS	T. & P. Motors, 515 David St., Albury 2640	599480	1970	Road Match	101m
	SOLICITORS	Twomey, H. G., 533 David St., Albury 2640	599876	1970	Road Match	101m
	SCRAP METAL MERCHANTS	Williams, W., 555b David St., Albury 2640	599837	1970	Road Match	101m
	CHICKENS	Your Pets Supplies (Day Old), David St., Albury 2640	598441	1970	Road Match	101m
	GUEST HOUSES	Adamshurst Hostel, David St., Albury	183923	1961	Road Match	101m
	BOOT & SHOE REPAIRERS	Anderson, L., 508 David St., Albury	183281	1961	Road Match	101m
	BOOT &/OR SHOE RETAILERS	Anderson, L., 508 David St., Albury	183288	1961	Road Match	101m
	BATTERY SALES & SERVICE	Bockman, A. A. & Co., 511-513 David St., Albury	183264	1961	Road Match	101m
	MOTOR SERVICE STATIONS	Bockman, A. A., & Co., 511-513 David St., Albury	184344	1961	Road Match	101m
	CHURCHES	Church of Christ, David St., Albury	183505	1961	Road Match	101m
	CARPET LAYING CONTRACTORS	Dandenong Carpets Pty. Ltd., 512 David St., Albury	183428	1961	Road Match	101m
	FURNISHINGS-SOFT	Dandenong Carpets, 510 David St., Albury	183822	1961	Road Match	101m
	PARKS, GARDENS, SPORTS GROUNDS, ETC.	Greenfield Park, David St., Albury	184422	1961	Road Match	101m
	HOSTELS	High School Girls' Hostel, David St., Albury	184000	1961	Road Match	101m
	SCHOOLS & COLLEGES	Infant School, David St., Albury	184537	1961	Road Match	101m
	FROCK & COAT SALONS	Juliette Frock Salon, 504 David St., Albury	183775	1961	Road Match	101m
	MOTOR ENGINE RECONDITIONERS	Lindner, J. A., & Sons, 515 David St., Albury	184257	1961	Road Match	101m
	MOTOR ENGINEERS	Lindner, J. A., & Sons, 515 David St., Albury	184253	1961	Road Match	101m
	MOTOR GARAGES & ENGINEERS	Lindner, J. A., & Sons, 515 David St., Albury	184278	1961	Road Match	101m
	CARRIERS & CARTAGE CONTRACTORS	O'Brien, Matt, & Son, David St., Albury	183457	1961	Road Match	101m
	ENGINEERS-GENERAL MECHANICAL & MANUFACTURING	Riverina Implements, 509 David St., Albury	183702	1961	Road Match	101m
	MACHINERY MERCHANTS	Riverina Implements, David St., Albury	184147	1961	Road Match	101m
	ELECTRICAL SUPPLIES & APPLIANCES	Smith, Stanley D., 506 David St., Albury	183688	1961	Road Match	101m
	REFRIGERATOR SALES & SERVICE	Smith, Stanley D., 506 David St., Albury	184515	1961	Road Match	101m
	SCALES & SLICING MACHINES	Smith, Stanley D., 506 David St., Albury	184530	1961	Road Match	101m
	WASHING MACHINE SALES & SERVICE	Smith, Stanley D., 506 David St., Albury	184678	1961	Road Match	101m
	GUEST HOUSES	Adamshurst Hostel, David St. Albury	131658	1950	Road Match	101m
	SCHOOLS & COLLEGES	Infant School, David St. Albury	132066	1950	Road Match	101m
	FRUITERERS & GREENGROCERS	Mitchell, E. A. and A. L., David St. Albury	131510	1950	Road Match	101m
	GROCERS & GENERAL STOREKEEPERS	Mitchell, E. A. and L. A., David St. Albury	131631	1950	Road Match	101m
	MOTOR BODY BUILDERS	Mutsch, O. J., David St. Albury	131835	1950	Road Match	101m
	PHOTOGRAPHERS-PORTRAIT	Paramount Studios, Regent Bldg. David St. Albury	131982	1950	Road Match	101m
	ENGINEERS-GENERAL, MECHANICAL & MANUFACTURING	Riverina Implements, 509 David St. Albury	131441	1950	Road Match	101m
	WELDERS-OXY & ELECTRIC	Riverina Implements, 509 David St. Albury	132185	1950	Road Match	101m

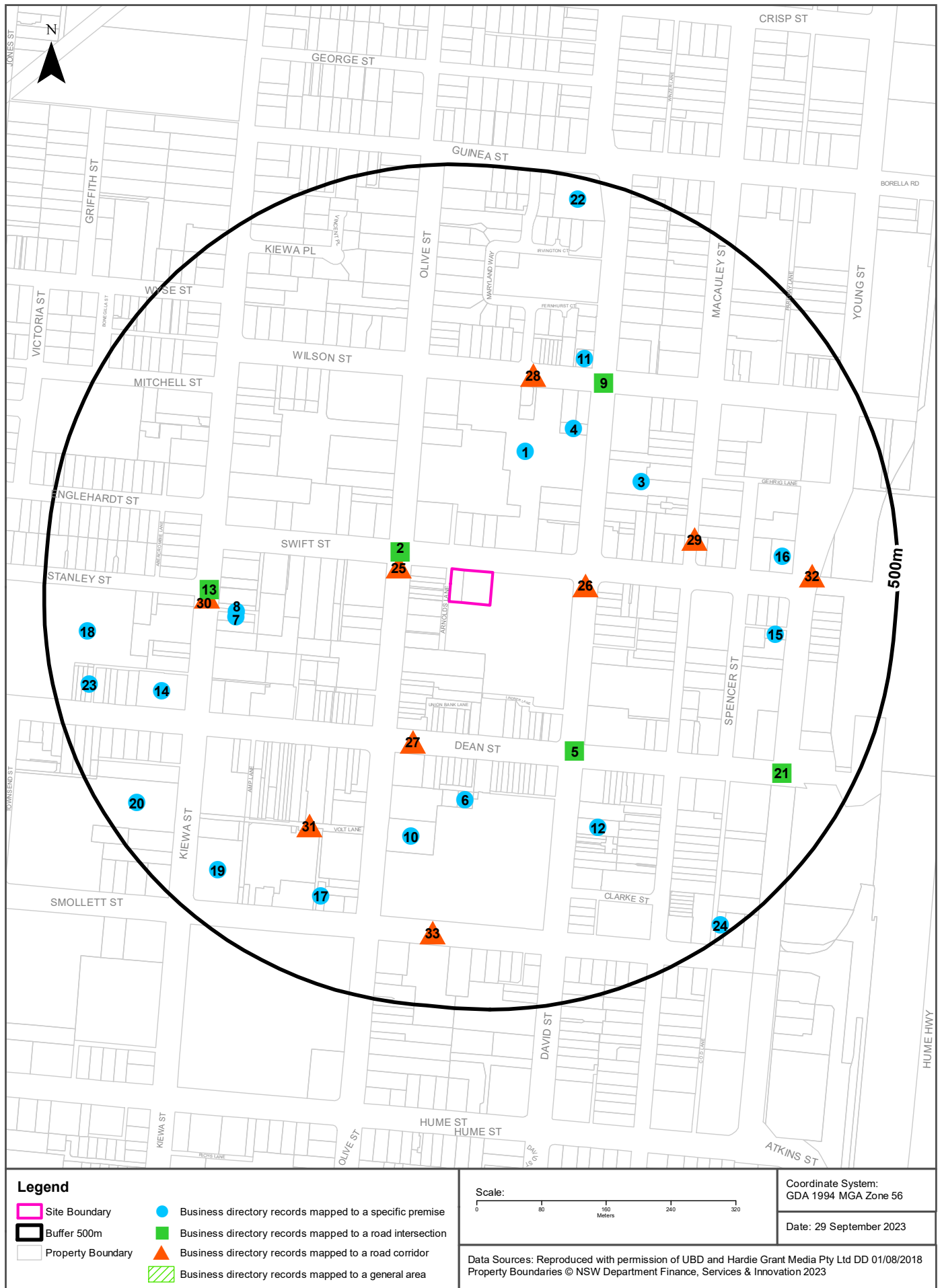
Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
55	MACHINERY MERCHANTS	Riverina Implements, David St. Albury	131779	1950	Road Match	101m
	DRESS, GOWN & BLOUSE SPECIALISTS	Wake's, 512 David St. Albury	130211	1950	Road Match	101m
	FOOTWEAR RETAILERS	Wake's, 512 David St. Albury	131479	1950	Road Match	101m
	TOYS	Wake's, 512 David St. Albury	132152	1950	Road Match	101m
56	MOTOR TRIMMERS	Border Motor Panel & Lacquering Service, Union Bank La., Albury 2640	599581	1970	Road Match	121m
	MOTOR PAINTERS & PANEL BEATERS	Border Motor Panel & Lacquering Service, Union Bank Lane Albury 2640	599501	1970	Road Match	121m
	HAIRDRESSERS-GENT.'S	Popovic, A. & M., Union Bank La., Albury 2640	599060	1970	Road Match	121m
	MOTOR PAINTERS & PANEL BEATERS	Border Motor Panel & Lacquering Service, Union Bank Lane, Albury	184307	1961	Road Match	121m
	MOTOR TRIMMERS	Border Motor Panel & Lacquering Service, Union Bank Lane, Albury	184377	1961	Road Match	121m
	FRUITERERS & GREENGROCERS	Housewives' Market, Union Bank Lane, Albury	183796	1961	Road Match	121m
	AUCTIONEERS	Rogers John & Co., Union Bank La., Dean St., Albury	183228	1961	Road Match	121m
	INSURANCE AGENTS	Rogers, John & Co. ( Agents Caledonion Insurance Co. Eagle Star Insurance Co. Ltd., National Mutual Assurance Co.), Union Bank Lane, Dean St., Albury	184032	1961	Road Match	121m
	HOTEL BROKERS	Rogers, John & Co., Union Bank Lane, Dean St., Albury	184006	1961	Road Match	121m
	REAL ESTATE AGENTS	Rogers, John & Co., Union Bank Lane, Dean St., Albury	184496	1961	Road Match	121m
	BUSINESS AGENTS	Rogers, John & Co., Union Lane, Dean St., Albury	183362	1961	Road Match	121m
	LIME MERCHANTS	Border Lime Supply Co., Union Bank Lane Albury	131770	1950	Road Match	121m
	MOTOR PAINTERS & PANEL BEATERS	Border Motor Panel and Lacquering Service, Union Bank Lane Albury	131892	1950	Road Match	121m
	MOTOR TRIMMERS	Border Motor Panel and Lacquering Service, Union Bank Lane Albury	131928	1950	Road Match	121m
	WELDERS-OXY & ELECTRIC	Border Motor Panel and Lacquering Service, Union Bank Lane Albury	132179	1950	Road Match	121m

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# Dry Cleaners, Motor Garages & Service Stations

481-487 Swift Street, Albury, NSW 2640



# Historical Business Directories

481-487 Swift Street, Albury, NSW 2640

## 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.

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
1	Motor Garages & Service Stations.	Gleeson Motors. 567 David St, Albury. 2640.	164758	1991	Premise Match	30m	North
	MOTOR GARAGES & ENGINEERS	Gleeson Motors, 567 David St., Albury 2640	599461	1970	Premise Match	30m	North
	MOTOR SERVICE STATIONS	Gleeson Motors, 567 David St., Albury 2640	599549	1970	Premise Match	30m	North
	MOTOR GARAGES & ENGINEERS	Gleeson Motors, 567 David St., Albury	184273	1961	Premise Match	30m	North
	MOTOR SERVICE STATIONS	Gleeson Motors, 567 David St., Albury	184349	1961	Premise Match	30m	North
	MOTOR GARAGES & ENGINEERS	Gleeson Motors, 567 David St. Albury	131869	1950	Premise Match	30m	North
	MOTOR SERVICE STATIONS	Gleeson Motors, 567 David St. Albury	131916	1950	Premise Match	30m	North
2	MOTOR GARAGES & ENGINEERS	Abbott, F. A. and Co., Cnr. Swift and Olive Sts. Albury	131859	1950	Road Intersection	67m	North West
3	Dry Cleaners & Pressers	Hanrahans Dry Cleaning & Laundry, 564 David St, Albury. 2640.	162668	1991	Premise Match	172m	North East
4	MOTOR SERVICE STATIONS	Barnes Garage, 571 David St., Albury	184341	1961	Premise Match	191m	North East
	MOTOR GARAGES & ENGINEERS	Barnes' Garage, 571 David St., Albury	184263	1961	Premise Match	191m	North East
	MOTOR SERVICE STATIONS	Barnes Garage, 571 David St. Albury	131913	1950	Premise Match	191m	North East
	MOTOR GARAGES & ENGINEERS	Barnes' Garage, 571 David St. Albury	131863	1950	Premise Match	191m	North East
5	MOTOR SERVICE STATIONS	City Auto Port, Cnr. Dean & David Sts., Albury 2640	599547	1970	Road Intersection	208m	South East
	MOTOR SERVICE STATIONS	City Auto Port, Cnr. Dean & David Sts., Albury	184347	1961	Road Intersection	208m	South East
6	MOTOR GARAGES & ENGINEERS	E. & D. Motors, rear 479 Dean St., Albury 2640	599459	1970	Premise Match	232m	South
	MOTOR GARAGES & ENGINEERS	E. & D. Motors, rear 479 Dean St., Albury	184270	1961	Premise Match	232m	South
7	MOTOR GARAGES & ENGINEERS	B. M. Motors, 524 Kiewa St., Albury 2640	599451	1970	Premise Match	240m	West
	MOTOR GARAGES & ENGINEERS	B. M. Motors, 524 Kiewa St., Albury	184261	1961	Premise Match	240m	West
	MOTOR GARAGES & ENGINEERS	B.M. Motors, 524 Kiewa St. Albury	131861	1950	Premise Match	240m	West
	MOTOR SERVICE STATIONS	B.M. Motors, 524 Kiewa St. Albury	131911	1950	Premise Match	240m	West
8	Dry Cleaners & Pressers	Spic N Span Dry Cleaners, 526A Kiewa St, Albury. 2640.	162672	1991	Premise Match	263m	West
9	MOTOR SERVICE STATIONS	Paco Service Station, Cnr. David & Wilson Sts., Albury 2640	599563	1970	Road Intersection	271m	North East
	MOTOR SERVICE STATIONS	Paco Service Station, Cnr. David & Wilson Sts., Albury	184360	1961	Road Intersection	271m	North East
	MOTOR SERVICE STATIONS	Paco Service Station, Cnr. David and Wilson Sts. Albury	131920	1950	Road Intersection	271m	North East
10	Motor Garages & Service Stations.	Albury Hyundai. 484 Olive St, Albury. 2640.	164736	1991	Premise Match	273m	South

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
10	Motor Garages & Service Stations.	Albury Motors. 484 Olive St, Albury. 2640.	164737	1991	Premise Match	273m	South
	Motor Garages & Service Stations.	Baker Mitsubishi. 478 Olive St., Albury 2640.	164741	1991	Premise Match	273m	South
	MOTOR GARAGES & ENGINEERS	Baker Motors, 478 Olive St., Albury 2640	599452	1970	Premise Match	273m	South
	MOTOR SERVICE STATIONS	Baker Motors, 478 Olive St., Albury 2640	599543	1970	Premise Match	273m	South
	MOTOR GARAGES & ENGINEERS	Baker Motors, 478 Olive St., Albury	184262	1961	Premise Match	273m	South
	MOTOR SERVICE STATIONS	Baker Motors, 478 Olive St., Albury	184340	1961	Premise Match	273m	South
	MOTOR GARAGES & ENGINEERS	Baker Motors (A. E. Baker), 478 Olive St. Albury	131862	1950	Premise Match	273m	South
	MOTOR SERVICE STATIONS	Baker Motors (A. E. Baker), 478 Olive St. Albury	131912	1950	Premise Match	273m	South
11	MOTOR GARAGES & ENGINEERS	Robinson, A. G., 585 David St., Albury 2640	599473	1970	Premise Match	274m	North East
	MOTOR GARAGES & ENGINEERS	Robinson, A. G., 585 David St., Albury	184285	1961	Premise Match	274m	North East
12	Dry Cleaners & Pressers	Gouge Country Services Pty. Ltd, 488 David St. Albury. 2640.	162667	1991	Premise Match	284m	South East
	DRY CLEANERS, DYERS & PRESSERS	Gouge Country Services Pty. Ltd., 488 David St., Albury 2640	598675	1970	Premise Match	284m	South East
13	MOTOR SERVICE STATIONS	Graeber's, Trevor Ampol Service Station, Cnr. Kiewa & Stanley Sts., Albury 2640	599552	1970	Road Intersection	296m	West
	MOTOR SERVICE STATIONS	Ampol Service Station, Cnr. Kiewa & Stanley Sts., Albury	184338	1961	Road Intersection	296m	West
14	DRY CLEANERS, DYERS & PRESSERS	Gouge Country Services Pty. Ltd., Kiewa St. & 578 Dean St., Albury	183654	1961	Premise Match	335m	West
	DRY CLEANERS, DYERS & PRESSERS	Gouge Country Services Pty. Ltd., 578 Dean St. Albury	130224	1950	Premise Match	335m	West
15	Motor Garages & Service Stations.	Smith & Evans, 533 Young St, Albury. 2640.	164786	1991	Premise Match	341m	East
16	MOTOR SERVICE STATIONS	Esso Servicenter, Cnr. Young & Swift Sts., Albury 2640	599548	1970	Premise Match	341m	East
	MOTOR SERVICE STATIONS	Golden Fleece Service Station, Cnr. Young & Swift Sts., Albury 2640	599551	1970	Premise Match	341m	East
	MOTOR SERVICE STATIONS	Hope's, Bob Golden Fleece Service Station, Cnr. Young & Swift Sts., Albury 2640	599554	1970	Premise Match	341m	East
	MOTOR SERVICE STATIONS	Hope's, Bob, Service Station, Cnr. Young & Swift Sts., Albury	184353	1961	Premise Match	341m	East
17	Dry Cleaners & Pressers	Spic N Span Dry Cleaners. 510 Smollett St, Albury. 2640.	162671	1991	Premise Match	379m	South West
18	DRY CLEANERS, DYERS & PRESSERS	Albury Dry Cleaners, 634 Dean St., Lavington	598673	1970	Premise Match	379m	West
	DRY CLEANERS, DYERS & PRESSERS	Albury Dry Cleaners, 634 Dean St., Albury	183652	1961	Premise Match	379m	West
	DRY CLEANERS, DYERS & PRESSERS	Albury Dry Cleaners, 634 Dean St. Albury	130221	1950	Premise Match	379m	West
19	Motor Garages & Service Stations.	Bp Kiewa Street 462 Kiewa St, Albury. 2640.	164746	1991	Premise Match	390m	South West
	MOTOR SERVICE STATIONS	BP Kiewa Street Service Station, Cnr. Kiewa & Smollett Sts., Albury 2640	599541	1970	Premise Match	390m	South West
	MOTOR SERVICE STATIONS	Zeinert (Albury) Service Station, Cnr. Kiewa & Smollett Sts., Albury	184368	1961	Premise Match	390m	South West
20	MOTOR GARAGES & ENGINEERS	Blacklocks Pty. Ltd., 487 Kiewa St., Albury 2640	599455	1970	Premise Match	403m	South West
	MOTOR SERVICE STATIONS	Blacklocks Pty. Ltd., 487 Kiewa St., Albury 2640	599545	1970	Premise Match	403m	South West
	MOTOR GARAGES & ENGINEERS	Blacklocks Pty. Ltd., 487 Kiewa St., Albury	184265	1961	Premise Match	403m	South West
	MOTOR SERVICE STATIONS	Blacklocks Pty. Ltd., 487 Kiewa St., Albury	184343	1961	Premise Match	403m	South West
	MOTOR GARAGES & ENGINEERS	Blacklocks Pty. Ltd., 487 Kiewa St. Albury	131865	1950	Premise Match	403m	South West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
21	MOTOR GARAGES & ENGINEERS	Beaurepaire Tyre Service Pty. Ltd., Cnr. Dean & Young Sts., Albury 2640	599454	1970	Road Intersection	416m	South East
	MOTOR SERVICE STATIONS	Beaurepaire Tyre Service Pty. Ltd., Cnr. Dean & Young Sts., Albury 2640	599544	1970	Road Intersection	416m	South East
	MOTOR GARAGES & ENGINEERS	Beaurepaire Tyre Service Pty. Ltd., Cnr. Dean & Young Sts., Albury	184264	1961	Road Intersection	416m	South East
	MOTOR SERVICE STATIONS	Beaurepaire Tyre Service Pty. Ltd., Cnr. Dean & Young Sts., Albury	184342	1961	Road Intersection	416m	South East
	MOTOR GARAGES & ENGINEERS	Beaurepaire Tyre Service Pty. Ltd., Cnr. Dean and Young Sts. Albury	131864	1950	Road Intersection	416m	South East
	MOTOR SERVICE STATIONS	Beaurepaire Tyre Service Pty. Ltd., Cnr. Dean and Young Sts. Albury	131914	1950	Road Intersection	416m	South East
22	MOTOR GARAGES & ENGINEERS	Seymour Motors, 623 David St., Albury 2640	599476	1970	Premise Match	445m	North
	MOTOR GARAGES & ENGINEERS	Seymour Motors, 623 David St., Albury	184287	1961	Premise Match	445m	North
23	DRY CLEANERS, DYERS & PRESSERS	American Dry Cleaners (F. S. Mitchell), 608 Dean St., Albury 2640	598674	1970	Premise Match	446m	West
	DRY CLEANERS, DYERS & PRESSERS	American Dry Cleaners (F. S. Mitchell), 608 Dean St., Albury	183653	1961	Premise Match	446m	West
	DRY CLEANERS, DYERS & PRESSERS	American Dry Cleaners (R. D. and A. G. McDonald), 608 Dean St. Albury	130223	1950	Premise Match	446m	West
24	Motor Garages & Service Stations.	Smollett Street Motors, 428 Smollett St, Albury. 2640.	164787	1991	Premise Match	472m	South East
	MOTOR GARAGES & ENGINEERS	S.W.A. Motors, 428 Smollett St., Albury	184286	1961	Premise Match	472m	South East
	MOTOR SERVICE STATIONS	S.W.A. Motors, 428 Smollett St., Albury	184365	1961	Premise Match	472m	South East
	MOTOR GARAGES & ENGINEERS	S.W.A. Motors Pty. Ltd., 428 Smollett St. Albury	131876	1950	Premise Match	472m	South East

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## 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.

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
25	MOTOR SERVICE STATIONS	Albury Motors Pty. Ltd., 539 Olive St., Albury	184337	1961	Road Match	50m
	MOTOR GARAGES & ENGINEERS	Albury Motors Pty. Ltd., Olive St., Albury	184260	1961	Road Match	50m
	MOTOR GARAGES & ENGINEERS	Passant, Edgar, & Co., 535 Olive St., Albury	184283	1961	Road Match	50m
	MOTOR SERVICE STATIONS	Passant, Edgar, & Co., 535 Olive St., Albury	184361	1961	Road Match	50m
	MOTOR SERVICE STATIONS	Albury Motors Pty. Ltd., 539 Olive St. Albury	131910	1950	Road Match	50m
	MOTOR GARAGES & ENGINEERS	Albury Motors Pty. Ltd., Olive St. Albury	131860	1950	Road Match	50m
	MOTOR GARAGES & ENGINEERS	Passant's Garage (Edgar Passant), 535 Olive St. Albury	131873	1950	Road Match	50m
	MOTOR SERVICE STATIONS	Passant's Garage (Edgar Passant), 535 Olive St. Albury	131921	1950	Road Match	50m
26	MOTOR SERVICE STATIONS	Bockman, A. A. & Co., 511-513 David St., Albury 2640	599546	1970	Road Match	101m
	DRY CLEANERS, DYERS & PRESSERS	Hanrahan's Dry Cleaning & Laundry Service, 558 David St., Albury 2640	598676	1970	Road Match	101m
	MOTOR GARAGES & ENGINEERS	Lindner, J. A. & Sons, 515 David St., Albury 2640	599465	1970	Road Match	101m
	DRY CLEANERS, DYERS & PRESSERS	Spotless Country Service, 558 David St., Albury 2640	598678	1970	Road Match	101m
	MOTOR GARAGES & ENGINEERS	T. & P. Motors, 515 David St., Albury 2640	599480	1970	Road Match	101m
	MOTOR SERVICE STATIONS	Bockman, A. A., & Co., 511-513 David St., Albury	184344	1961	Road Match	101m
	MOTOR GARAGES & ENGINEERS	Lindner, J. A., & Sons, 515 David St., Albury	184278	1961	Road Match	101m
27	MOTOR SERVICE STATIONS	Hospital Service Station, Dean St., Albury 2640	599555	1970	Road Match	161m
28	Motor Garages & Service Stations.	Mid City Service Station. Wilson St, Albury. 2640.	164766	1991	Road Match	233m
29	Motor Garages & Service Stations.	New Power Motors Pty. Ltd, 454 Macauley St, Albury. 2640.	164775	1991	Road Match	233m
	Motor Garages & Service Stations.	New Power Motors. 454 Macauley St, Albury 2640.	164774	1991	Road Match	233m
30	Motor Garages & Service Stations.	Kelly Brothers Civic Centre Service Station. Kiewa St. Albury. 2640.	164765	1991	Road Match	283m
	MOTOR GARAGES & ENGINEERS	Globe Garage, Kiewa St., Albury	184274	1961	Road Match	283m
	MOTOR SERVICE STATIONS	Globe Garage, Kiewa St., Albury	184350	1961	Road Match	283m
	DRY CLEANERS, DYERS & PRESSERS	Gouge Country Services Pty. Ltd., Kiewa St., Albury	366105	1961	Road Match	283m
	MOTOR GARAGES & ENGINEERS	West's Motors, 534 Kiewa St., Albury	184289	1961	Road Match	283m
	MOTOR SERVICE STATIONS	West's Motors, 534 Kiewa St., Albury	184367	1961	Road Match	283m
	MOTOR GARAGES & ENGINEERS	Globe Garage, Kiewa St. Albury	131870	1950	Road Match	283m
	MOTOR SERVICE STATIONS	Globe Garage, Kiewa St. Albury	131917	1950	Road Match	283m
	DRY CLEANERS, DYERS & PRESSERS	Gouge Country Services Pty. Ltd., Kiewa St. Albury	130225	1950	Road Match	283m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
30	MOTOR GARAGES & ENGINEERS	West's Motors, Kiewa St. Albury	131877	1950	Road Match	283m
	MOTOR SERVICE STATIONS	West's Motors, Kiewa St. Albury	131922	1950	Road Match	283m
31	DRY CLEANERS, DYERS & PRESSERS	Prosperity Dry Cleaners Ltd., Volt Lane Albury	130226	1950	Road Match	298m
32	Motor Garages & Service Stations.	Ampol Service Station. Young St. Albury. 2640.	164739	1991	Road Match	367m
	Motor Garages & Service Stations.	Hi-Tech Automotive. Young St, Albury. 2640.	164761	1991	Road Match	367m
	Motor Garages & Service Stations.	Mullers Young Street Service Station. 621 Young St, Albury. 2640.	164772	1991	Road Match	367m
33	Motor Garages & Service Stations.	Bp Kiewa Street Service Station. Smollett St., Albury. 2640.	164747	1991	Road Match	394m

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Scale: 0 25 50 75 100 Meters	Data Source Aerial Imagery: © Aerometrex Pty Ltd	Coordinate System: GDA 1994 MGA Zone 56	Date: 29 September 2023
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Scale: 0 25 50 75 100 Meters	Data Source Aerial Imagery: © Aerometrex Pty Ltd	Coordinate System: GDA 1994 MGA Zone 56	Date: 29 September 2023
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# Aerial Imagery 2018

481-487 Swift Street, Albury, NSW 2640





Aerial Imagery 2013

481-487 Swift Street, Albury, NSW 2640

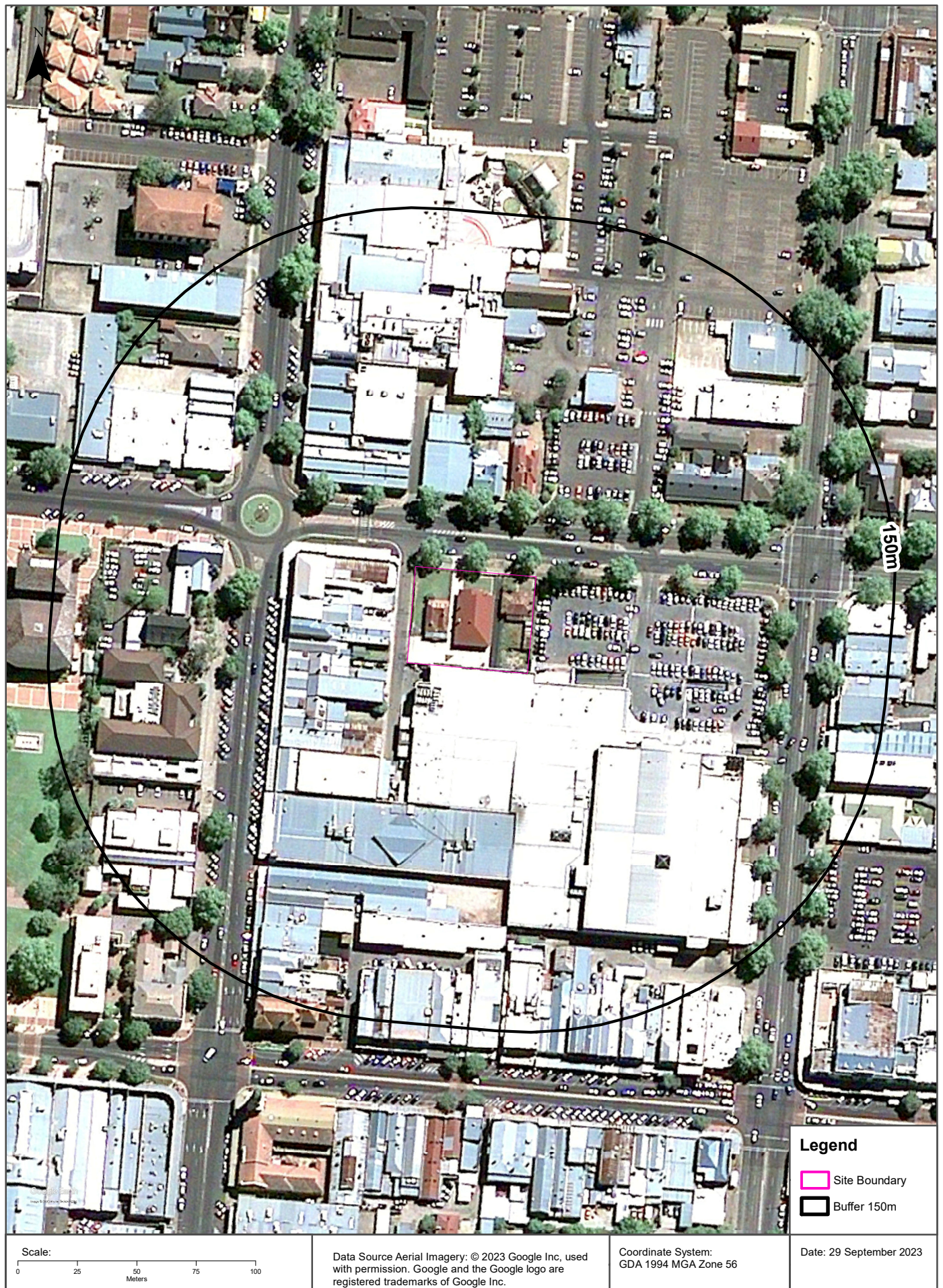


<p>Scale:</p> <p>0 25 50 75 100</p> <p>Meters</p>	<p>Data Source Aerial Imagery: © 2023 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.</p>	<p>Coordinate System: GDA 1994 MGA Zone 56</p>	<p><b>Legend</b></p> <p><span style="border: 1px solid pink; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Site Boundary</p> <p><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Buffer 150m</p> <p>Date: 29 September 2023</p>
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# Aerial Imagery 2009

481-487 Swift Street, Albury, NSW 2640







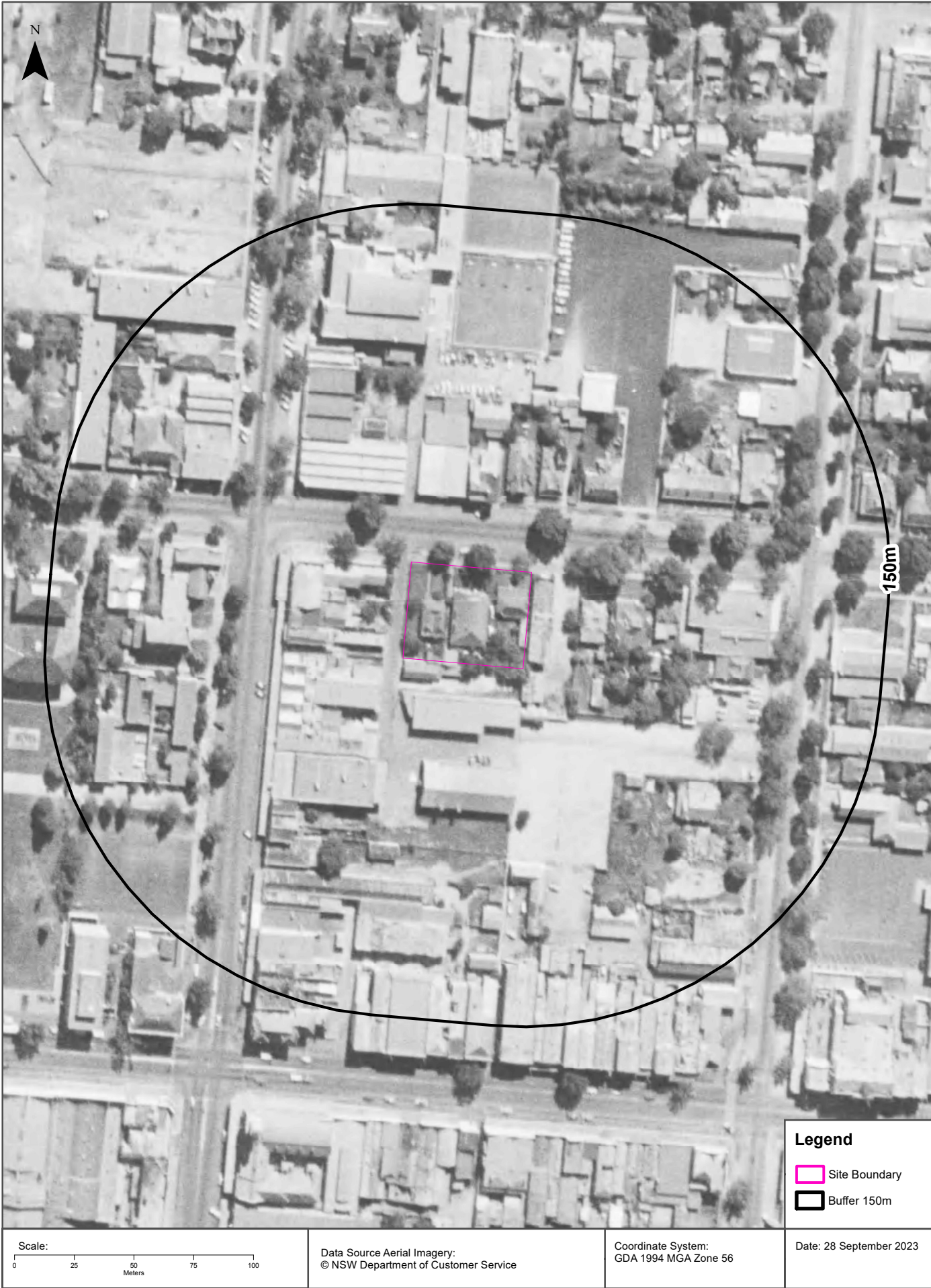
<p>Scale:</p> <p>0 25 50 75 100</p> <p>Meters</p>	<p>Data Source Aerial Imagery: © 2023 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.</p>	<p>Coordinate System: GDA 1994 MGA Zone 56</p>	<p>Date: 29 September 2023</p>
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# Aerial Imagery 1949

481-487 Swift Street, Albury, NSW 2640



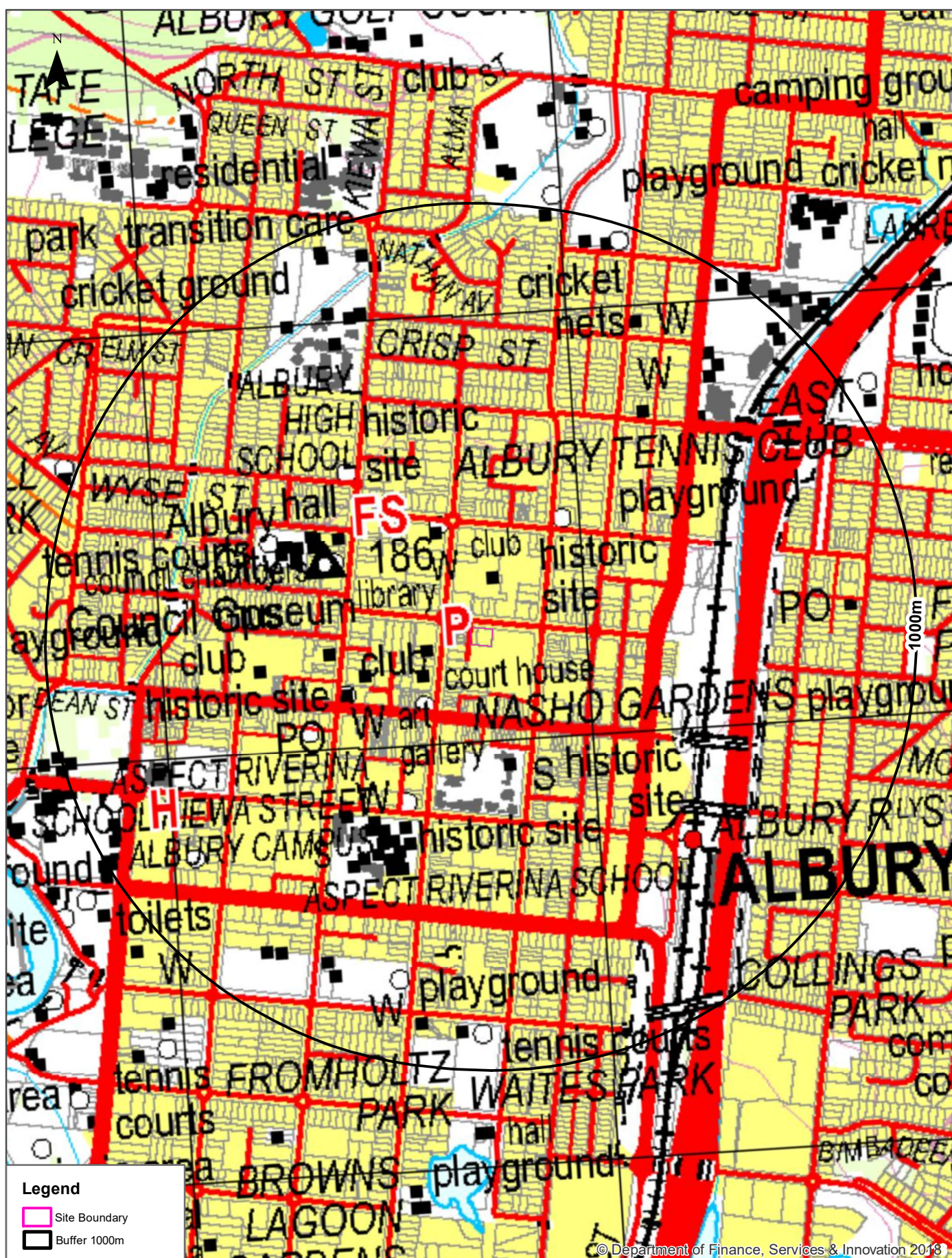
- Legend**
- Site Boundary
  - Buffer 150m

<p>Scale:</p> <p>0 25 50 75 100</p> <p>Meters</p>	<p>Data Source Aerial Imagery:</p> <p>© NSW Department of Customer Service</p>	<p>Coordinate System:</p> <p>GDA 1994 MGA Zone 56</p>	<p>Date: 28 September 2023</p>
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# Topographic Map 2015

481-487 Swift Street, Albury, NSW 2640





# Historical Map 1984

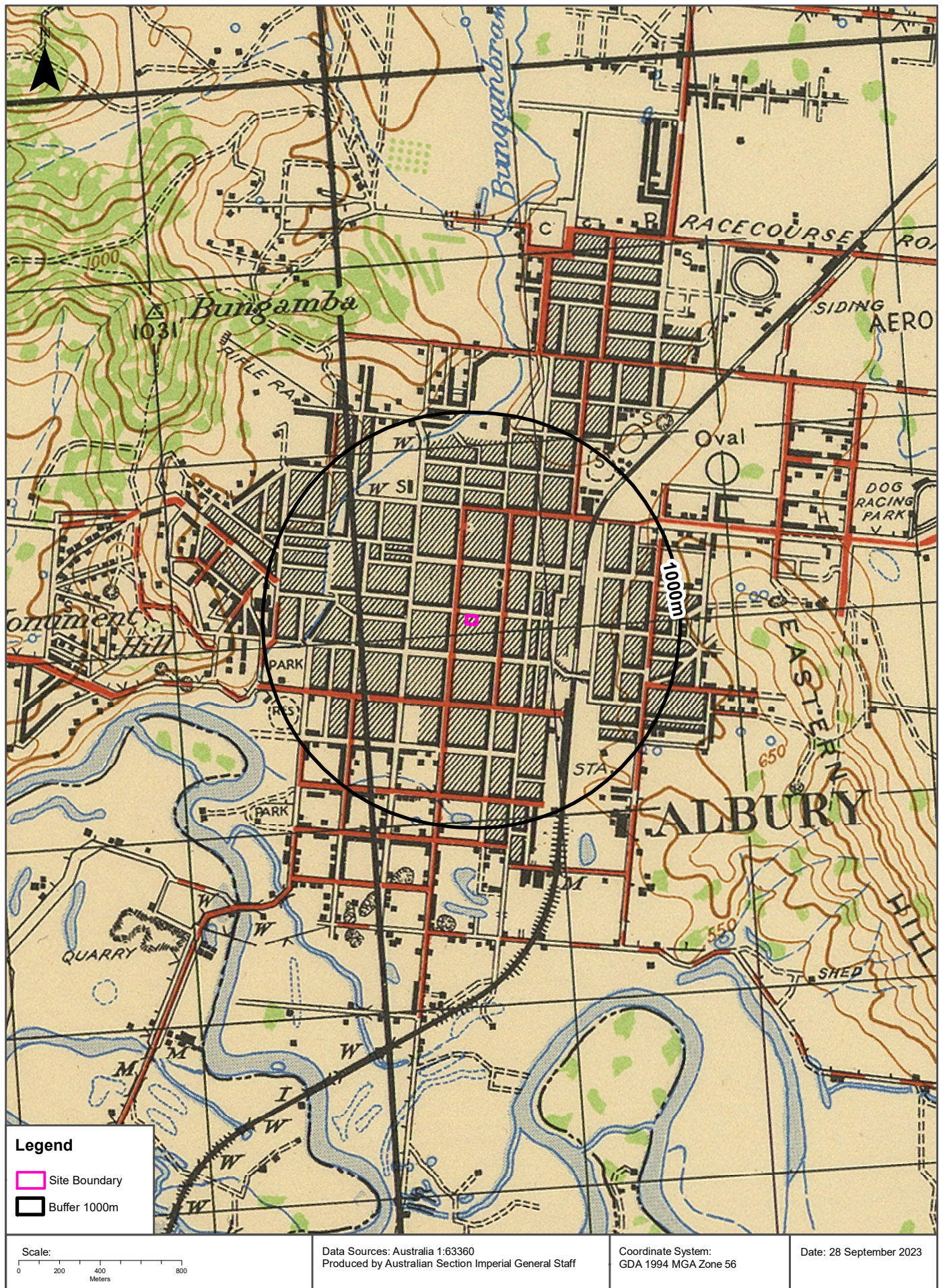
481-487 Swift Street, Albury, NSW 2640





# Historical Map c.1951

481-487 Swift Street, Albury, NSW 2640





# Topographic Features

481-487 Swift Street, Albury, NSW 2640



# Topographic Features

481-487 Swift Street, Albury, NSW 2640

## Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
292137	Police Station	ALBURY POLICE STATION	101m	West
292108	Club	ALBURY SAILORS SOLDIERS AND AIRMENS CLUB	119m	North
292138	Court House	ALBURY COURT HOUSE	132m	South West
419960	Historic Site	ALBURY TECHNICAL COLLEGE	180m	South West
292107	Place Of Worship	ST DAVID'S UNITING CHURCH	238m	North West
419998	Monument	ST DAVID'S UNITING CHURCH WAR MEMORIAL	251m	North
420013	Art Gallery	ALBURY ART GALLERY	251m	South West
292136	Place Of Worship	ST MATHEWS ANGLICAN CHURCH	258m	West
406116	Library	LIBRARYMUSEUM	261m	West
419827	Museum	LIBRARYMUSEUM	261m	West
398871	Primary School	ALBURY PUBLIC SCHOOL	283m	South
419962	Historic Site	MODEL STORE	308m	North East
292135	Post Office	ALBURY POST OFFICE	313m	South West
419959	Historic Site	ALBURY POST OFFICE	313m	South West
414395	Club	ALBURY CLUB	330m	West
292126	Local Government Chambers	ALBURY CITY COUNCIL	354m	North West
292127	Fire Station	ALBURY CIVIC FIRE STATION	376m	North West
419957	Historic Site	THE CARRIAGEWAY	403m	South West
420006	Community Facility	1ST ALBURY SCOUT HALL	431m	North West
419956	Historic Site	NEW ALBURY HOTEL	431m	South West
420010	Community Facility	ALBURY DISTRICT GIRL GUIDES	438m	West
421432	Park	NASHO GARDENS	450m	South East
413763	Sports Field	BOWLING GREENS	451m	West
292093	Place Of Worship	ST PATRICKS CATHOLIC CHURCH	457m	South
419999	Park	BOWLING GREENS	459m	North West
419961	Historic Site	BONEGILLA HOUSE	465m	North West
413862	Club	COMMERCIAL CLUB (ALBURY)	497m	West
292141	Sports Court	ALBURY TENNIS CLUB	513m	North West
402298	Special School	ASPECT RIVERINA SCHOOL	537m	South
415677	Special School	ASPECT RIVERINA SCHOOL KIEWA STREET ALBURY CAMPUS	559m	South
398873	Primary School	ST PATRICK'S PARISH SCHOOL	592m	South West

Map Id	Feature Type	Label	Distance	Direction
413771	Retirement Village	ST PATRICK'S RETIREMENT VILLAGE	604m	South
292106	Place Of Worship	ST LUKE'S LUTHERAN CHURCH	624m	North East
419958	Historic Site	ALBURY RAILWAY STATION AND YARD GROUP	637m	South East
292096	Railway Station	ALBURY RAILWAY STATION	660m	South East
292139	Tourist Information Centre	ALBURY VISITOR INFORMATION CENTRE	662m	South East
348797	City	ALBURY	669m	North East
419994	Picnic Area	GERTRUDE COLQUHOUN PARK	691m	West
411736	Community Medical Centre	ALBURY COMMUNITY HEALTH CENTRE	728m	South West
400429	High School	ALBURY HIGH SCHOOL	740m	North West
397289	General Hospital	INSIGHT PRIVATE HOSPITAL	796m	South West
292094	Place Of Worship	BAPTIST CHURCH	801m	North East
419921	Picnic Area	PLAYGROUND	809m	South
419955	Historic Site	ELM COURT	820m	South West
423353	Community Facility	ALBURY & BORDER RESCUE SQUAD	823m	South West
292121	Sports Field	ALOYSIUS PARK	827m	South
421244	Sports Field	CRICKET NETS	836m	North West
419942	Park	PLAYGROUND	837m	North East
295321	Post Office	ALBURY EAST POST OFFICE	847m	East
292143	Place Of Worship	ORTHODOX CHURCH	899m	South
421243	Sports Field	CRICKET GROUND	907m	North West
292118	Sports Field	LAMBERT PARK	912m	South West
292142	Sports Court	TENNIS COURTS	914m	South
419905	Sports Court	NETBALL	918m	South West
292109	Park	ALBURY BOTANIC GARDENS	930m	West
419868	Sports Court	CRICKET NETS	960m	North
292122	Sports Field	WAITES PARK	998m	South

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

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# Topographic Features

481-487 Swift Street, Albury, NSW 2640

## Tanks (Areas)

What are the Tank Areas located within the dataset buffer?

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

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

## Tanks (Points)

What are the Tank Points located within the dataset buffer?

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

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

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

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## Major Easements

What Major Easements exist within the dataset buffer?

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

Map Id	Easement Class	Easement Type	Easement Width	Distance	Direction
120116422	Primary	Undefined		185m	North West
120107934	Primary	Undefined		212m	North West
120121252	Primary	Undefined		222m	North East
120107917	Primary	Undefined		458m	South West
120112049	Primary	Undefined		666m	North

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

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## Topographic Features

481-487 Swift Street, Albury, NSW 2640

### State Forest

What State Forest exist within the dataset buffer?

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

State Forest Data Source: © NSW Department of Finance, Services & Innovation (2018)

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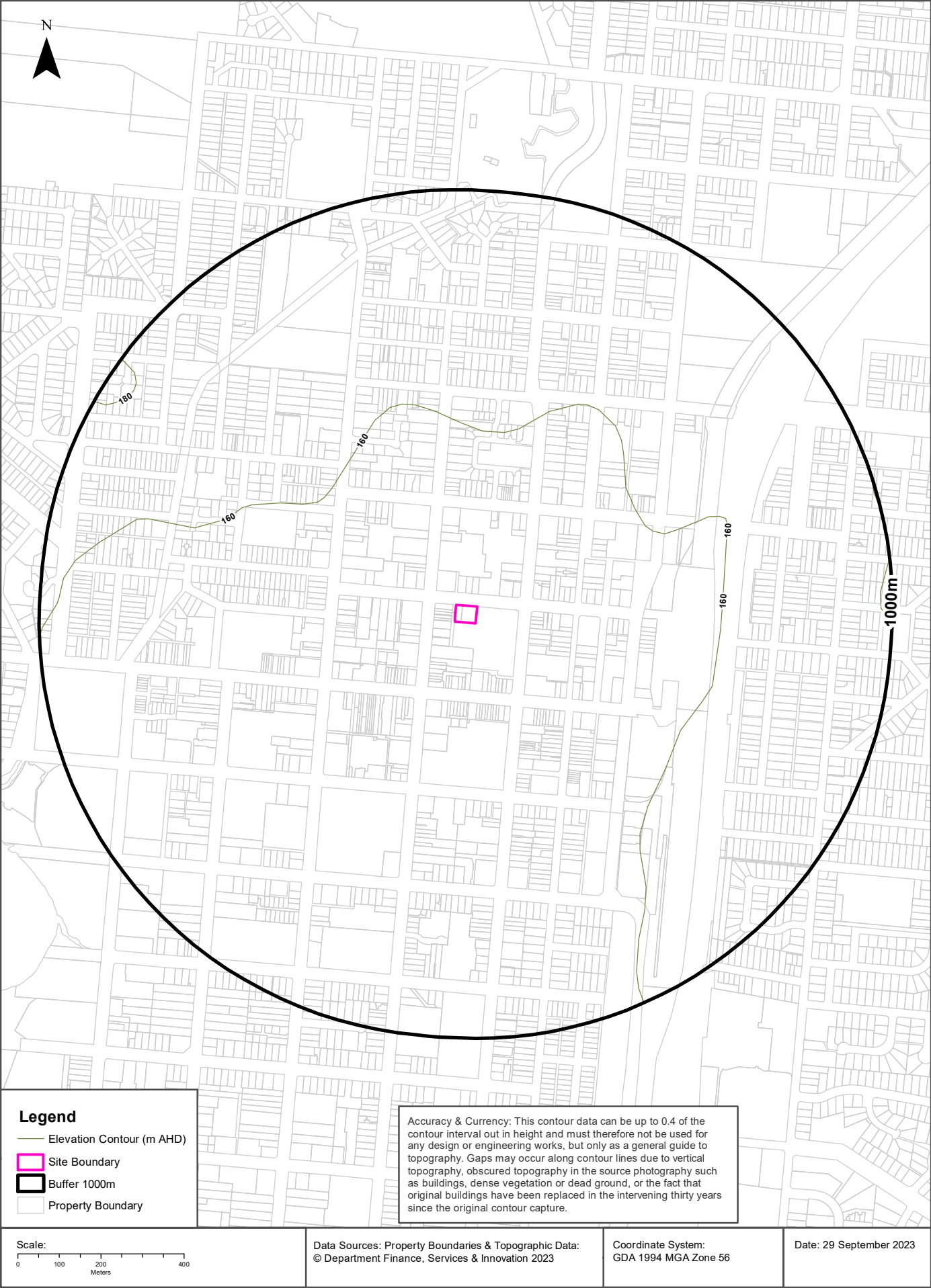
### National Parks and Wildlife Service Reserves

What NPWS Reserves exist within the dataset buffer?

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

NPWS Data Source: © NSW Department of Finance, Services & Innovation (2018)

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## Hydrogeology & Groundwater

481-487 Swift Street, Albury, NSW 2640

### Hydrogeology

Description of aquifers within the dataset buffer:

Description	Distance	Direction
Porous, extensive highly productive aquifers	0m	On-site

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

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### Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018

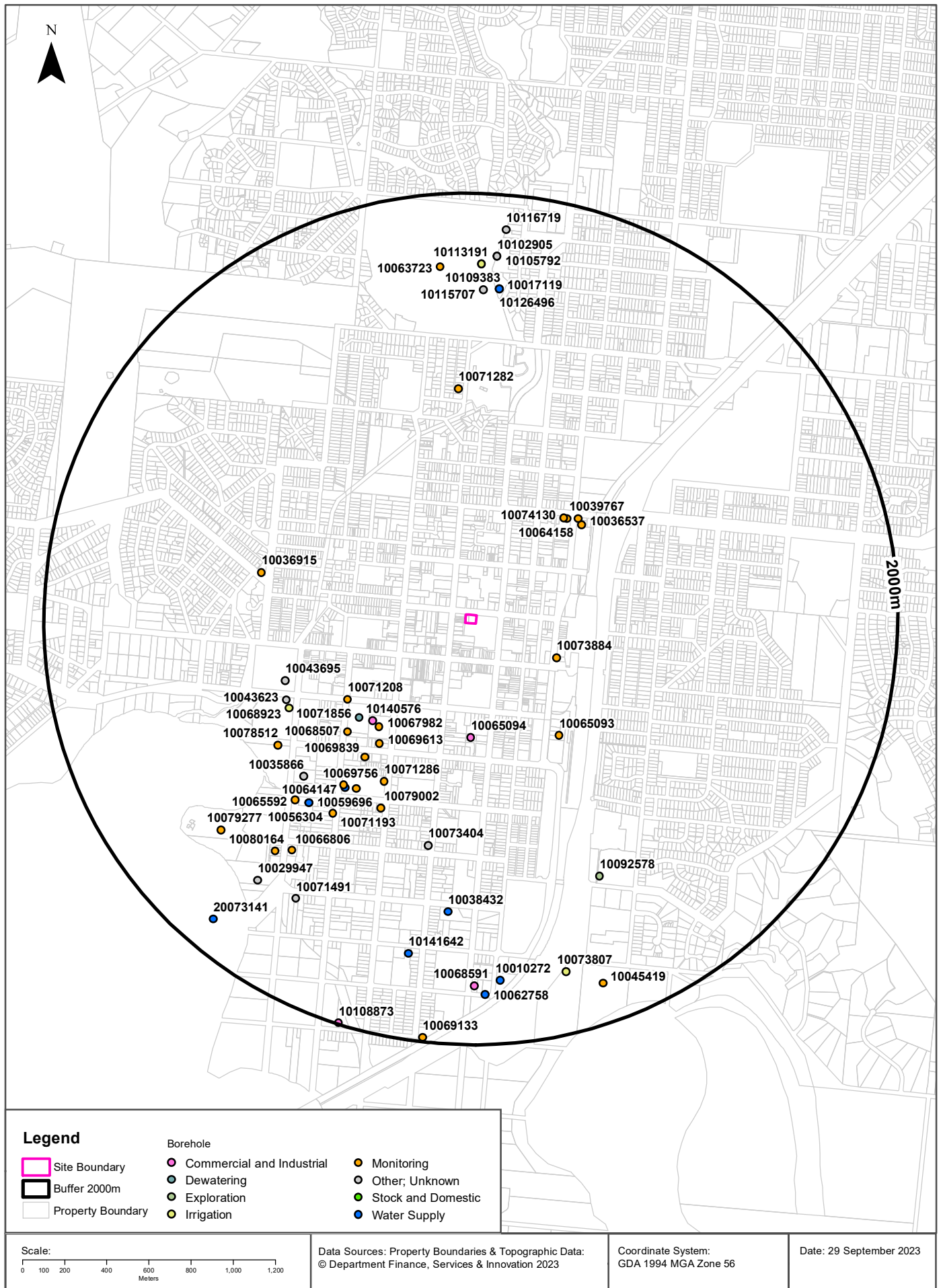
Temporary water restrictions relating to the Botany Sands aquifer within the dataset buffer:

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

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

# Groundwater Boreholes

481-487 Swift Street, Albury, NSW 2640



# Hydrogeology & Groundwater

481-487 Swift Street, Albury, NSW 2640

## Groundwater Boreholes

Boreholes within the dataset buffer:

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation	Height Datum	Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10073884	GW505413	Monitoring	Functional	29/05/2011	7.50		AHD				418m	South East
10065094	GW503816	Commercial and Industrial	Functioning	01/12/2005	40.00		AHD	Good	0.600		541m	South
10074130	GW503354	Monitoring	Unknown	12/05/2005	10.00		AHD				621m	North East
10064158	GW505386	Monitoring	Abandoned	15/08/2006	11.50		AHD				628m	North East
10140576	GW017579	Commercial and Industrial	Unknown	01/01/1960	36.60		AHD	Good			640m	South West
10067982	GW504435	Monitoring	Functional	27/10/2005	19.50		AHD			2.46	641m	South West
10036537	GW503787	Monitoring	Unknown	22/09/2009	12.00		AHD				658m	North East
10065093	GW503720	Monitoring	Functioning	02/04/2009	8.00		AHD			5.44	663m	South East
10039767	GW504280	Monitoring	Functional	20/02/2006	15.00		AHD			9.00	665m	North East
10071208	GW504548	Monitoring	Functional	08/05/2010	6.00		AHD		1.000	2.50	667m	South West
10071856	GW505523	Dewatering	Functioning	19/04/2012	21.00		AHD		2.000	2.50	674m	South West
10069613	GW504438	Monitoring	Functional	05/04/2006	4.75		AHD			1.77	702m	South West
10068507	GW505293	Monitoring	Functional	02/11/2005	20.00		AHD			2.71	761m	South West
10069839	GW504436	Monitoring	Functional	02/11/2005	5.00		AHD			1.87	796m	South West
10071286	GW505311	Monitoring	Functional	08/09/2006	22.00		AHD		1.698	17.00	846m	South West
10043695	GW062435	Other	Unknown	01/09/1986	27.40		AHD				897m	West
10043623	GW062434	Other	Unknown	01/03/1987	43.00		AHD	0-500 ppm			924m	South West
10068923	GW505391	Irrigation	Unknown	06/08/2011	41.00		AHD	300	12.000	6.00	929m	South West
10069608	GW505310	Monitoring	Functional	08/09/2006	19.00		AHD		2.256	15.00	944m	South West
10069756	GW505307	Monitoring	Functional	08/09/2006	23.00		AHD		2.299	18.00	963m	South West
10079002	GW504439	Monitoring	Functional	02/11/2005	5.50		AHD			1.51	966m	South West
10064147	GW062932	Water Supply	Unknown	01/08/1986	17.00		AHD	0-500 ppm			970m	South West
10036915	GW503789	Monitoring	Functioning	22/05/2008	10.00		AHD			7.00	989m	West
10035866	GW500936	Unknown	Unknown	14/12/2000	46.50		AHD		0.800	3.00	1058m	South West
10078512	GW505127	Monitoring	Functional	27/02/2007	24.00		AHD			3.24	1061m	South West
10071282	GW504437	Monitoring	Functional	05/04/2006	21.00		AHD			3.97	1071m	North
10073404	GW505619	Unknown	Proposed	25/01/2013	8.00		AHD			2.20	1073m	South
10071193	GW505417	Monitoring	Functional	20/05/2011	6.00		AHD			2.50	1102m	South West
10056304	GW020043	Unknown	Unknown	01/07/1962	4.90		AHD				1133m	South West



NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation	Height Datum	Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10059696	GW020038	Water Supply	Functioning	01/01/1962	7.60		AHD				1133m	South West
10065592	GW505389	Monitoring	Proposed	26/07/2006	5.00		AHD				1166m	South West
10092578	GW061362	Exploration	Proposed	01/10/1985			AHD	0-500 ppm			1337m	South East
10066806	GW504462	Monitoring	Functional	17/12/2009	6.00		AHD			3.50	1357m	South West
10038432	GW500035	Water Supply	Unknown	25/11/1991	7.00		AHD				1375m	South
10080164	GW505641	Monitoring	Functional	29/11/2012	5.00		AHD				1411m	South West
10079277	GW505139	Monitoring	Functional	01/03/2007	23.00		AHD			2.27	1521m	South West
10071491	GW500771	Unknown	Unknown	15/03/1996	30.00		AHD				1538m	South West
10115707	GW031503	Other	Unknown	01/02/1969	31.70		AHD	Fresh			1543m	North
10017119	GW045981	Water Supply	Unknown	01/08/1976	30.50		AHD	Other			1553m	North
10126496	GW038276	Water Supply	Unknown	01/07/1974	14.60		AHD				1553m	North
10029947	GW704249	Unknown	Unknown				AHD				1571m	South West
10141642	GW021509	Water Supply	Unknown	01/03/1964	2.90		AHD				1594m	South
10063723	GW505478	Monitoring	Functioning	25/03/1994	33.50		AHD	fresh	7.800	7.60	1653m	North
10109383	GW025590	Irrigation	Unknown	01/08/1965	31.70		AHD	Good			1665m	North
10113191	GW031504	Unknown	Unknown	01/02/1969	38.10		AHD				1665m	North
10010272	GW028006	Water Supply	Functioning	01/03/1968			AHD				1698m	South
10102905	GW036264	Unknown	Unknown	01/10/1977	38.50		AHD				1706m	North
10105792	GW036263	Unknown	Proposed	01/10/1977	45.00		AHD				1706m	North
10073807	GW505393	Irrigation	Functioning	01/09/2007	7.00		AHD	good	20.000		1709m	South
10068591	GW504238	Commercial and Industrial	Functioning	06/11/2007	27.00		AHD	60	1.000	4.00	1720m	South
10062758	GW024589	Water Supply	Unknown	01/10/1965	3.10		AHD				1761m	South
10045419	GW505179	Monitoring	Abandoned	26/08/2007	24.00		AHD	250	1.500	3.50	1813m	South
10116719	GW031505	Unknown	Unknown	01/02/1969	50.30		AHD				1836m	North
20073141	103931	Water Supply	Functioning	06/10/1986	10.93	153.17	AHD				1847m	South West
10069133	GW505429	Monitoring	Functional	30/09/2008	7.00		AHD			5.10	1981m	South
10108873	GW037754	Commercial and Industrial	Unknown	01/10/1974	5.40		AHD	Good			1994m	South

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

# Hydrogeology & Groundwater

481-487 Swift Street, Albury, NSW 2640

## Driller's Logs

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

NGIS Bore ID	Drillers Log	Distance	Direction
10073884	0.00m-7.50m Clay	418m	South East
10065094	0.00m-8.00m Clay Loam 8.00m-33.00m Gravel 33.00m-40.00m Sand Grains (Lithic)	541m	South
10074130	0.00m-0.70m Invalid Code 0.70m-1.90m Clay 1.90m-6.30m Clay 6.30m-8.50m Invalid Code 8.50m-10.00m Invalid Code	621m	North East
10064158	0.00m-0.20m Fill 0.20m-1.10m Fill 1.10m-6.20m Silty Clay 6.20m-9.00m Sand 9.00m-11.50m Silty Clay	628m	North East
10140576	0.00m-3.66m Loam 3.66m-6.71m (Unknown) 6.71m-32.00m Sand 32.00m-33.83m Silt 33.83m-36.58m Sand	640m	South West
10067982	0.00m-1.00m Fill 1.00m-1.50m Fill 1.50m-3.00m Silty Clay 3.00m-3.50m Sandy Clay 3.50m-7.00m Sandy Clay 7.00m-8.00m Sand 8.00m-16.00m Gravel 16.00m-19.50m Gravel	641m	South West
10036537	0.00m-12.00m Clay Loam	658m	North East
10065093	0.00m-0.80m Topsoil 0.80m-1.20m Sand Grains (Lithic) 1.20m-1.80m Sand Grains (Lithic) 1.80m-2.10m Sand Grains (Lithic) 2.10m-2.20m Sand Grains (Lithic) 2.20m-2.50m Sand Grains (Lithic) 2.50m-3.10m Sand Grains (Lithic) 3.10m-3.20m Silty Sandstone 3.20m-4.50m Clay Loam 4.50m-7.10m Clay Loam 7.10m-7.80m Sand Grains (Lithic) 7.80m-8.00m Sand Grains (Lithic)	663m	South East
10039767	0.00m-0.15m 0.15m-0.40m 0.40m-13.90m Silty Clay 13.90m-15.00m Sandstone	665m	North East
10071208	0.00m-0.40m Rock 0.40m-2.10m Clay 2.10m-6.00m Sand	667m	South West
10071856	0.00m-0.40m Fill 0.40m-3.00m Sandy Clay 3.00m-21.00m Gravel	674m	South West
10069613	0.00m-0.50m Fill 0.50m-1.20m Silty Clay 1.20m-1.80m Gravel 1.80m-4.75m Sandy Clay	702m	South West
10068507	0.00m-0.50m Fill 0.50m-3.80m Silty Clay 3.80m-10.00m Gravel 10.00m-10.25m Clay 10.25m-21.00m Gravel	761m	South West

NGIS Bore ID	Drillers Log	Distance	Direction
10069839	0.00m-0.10m Fill 0.10m-0.70m Fill 0.70m-0.75m Silty Sand 0.75m-1.75m Gravel 1.75m-2.20m Sand 2.20m-5.00m Sand	796m	South West
10071286	0.00m-0.75m Fill 0.75m-5.00m Silty Clay 5.00m-11.50m Gravel 11.50m-15.00m Sand 15.00m-22.00m Gravel	846m	South West
10043695	0.00m-3.00m Soil Loamy 3.00m-6.00m Soil Sandy 6.00m-19.91m Gravel Coarse Water Supply 6.00m-19.91m Sand Fine 19.91m-25.86m Sand Black Fine 25.86m-27.43m Gravel River Water Supply	897m	West
10043623	0.00m-2.40m Clay 2.40m-3.90m Sand Silty 3.90m-7.60m Gravel Red 7.60m-12.10m Gravel Grey 12.10m-15.20m Gravel Silty Clay Bands 15.20m-18.20m Sand Gravel 18.20m-20.50m Gravel Loose Water Supply 20.50m-24.30m Sand Gravel 24.30m-25.90m Sand Medium 25.90m-28.90m Sand Fine 28.90m-30.40m Sand Gravel 30.40m-43.00m Sand Medium-coarse Water Supply	924m	South West
10068923	0.00m-2.00m topsoil, sandy 2.00m-12.00m clay, red 12.00m-27.00m gravel, river 27.00m-35.00m sand, medium grained 35.00m-37.00m clay, grey 37.00m-41.00m sand, medium	929m	South West
10069608	0.00m-1.00m Fill 1.00m-4.00m Silty Clay 4.00m-10.00m Gravel 10.00m-15.00m Sand 15.00m-20.00m Gravel	944m	South West
10069756	0.00m-0.75m Fill 0.75m-3.00m Silty Clay 3.00m-5.90m Gravel 5.90m-6.00m Clay 6.00m-13.00m Gravel 13.00m-18.20m Sand 18.20m-23.00m Gravel	963m	South West
10079002	0.00m-1.20m Fill 1.20m-1.50m Fill 1.50m-2.00m Silty Clay 2.00m-3.20m Gravelly Sandstone 3.20m-4.50m Gravelly Sandstone 4.50m-5.50m Gravel with Clay	966m	South West
10064147	0.00m-4.00m Clay 4.00m-10.00m Gravel 10.00m-13.00m Gravel 13.00m-17.00m Gravel 17.00m-20.00m Gravel	970m	South West
10036915	0.00m-0.10m sandy clay low plasticity brown fine grained sand 0.10m-1.00m clayey sand low plasticity grey fine to medium grained sand 1.00m-2.40m sandy clay medium to high plasticity orange fine grained sand 2.40m-5.20m clayey sand fine to medium grain orange 5.20m-7.10m sandy clay low plasticity orange grey fine grained sand 7.10m-7.30m sand fine to medium grained grey 7.30m-8.10m clayey sand fine to medium grain orange grey 8.10m-8.80m sand fine to medium grain grey orange 8.80m-9.40m sandy clay low plasticity orange fine grained sand 9.40m-9.80m sand fine to medium grained orange grey 9.80m-10.00m sandy clay low plasticity orange grey fine grained sand	989m	West
10035866	0.00m-6.50m Invalid Code 6.50m-10.00m Invalid Code 10.00m-20.50m Invalid Code 20.50m-26.50m Sand 26.50m-27.50m Invalid Code 27.50m-30.50m Sand 30.50m-35.00m Invalid Code 35.00m-39.50m Invalid Code 39.50m-41.00m Invalid Code 41.00m-42.00m Invalid Code 42.00m-46.50m Invalid Code	1058m	South West

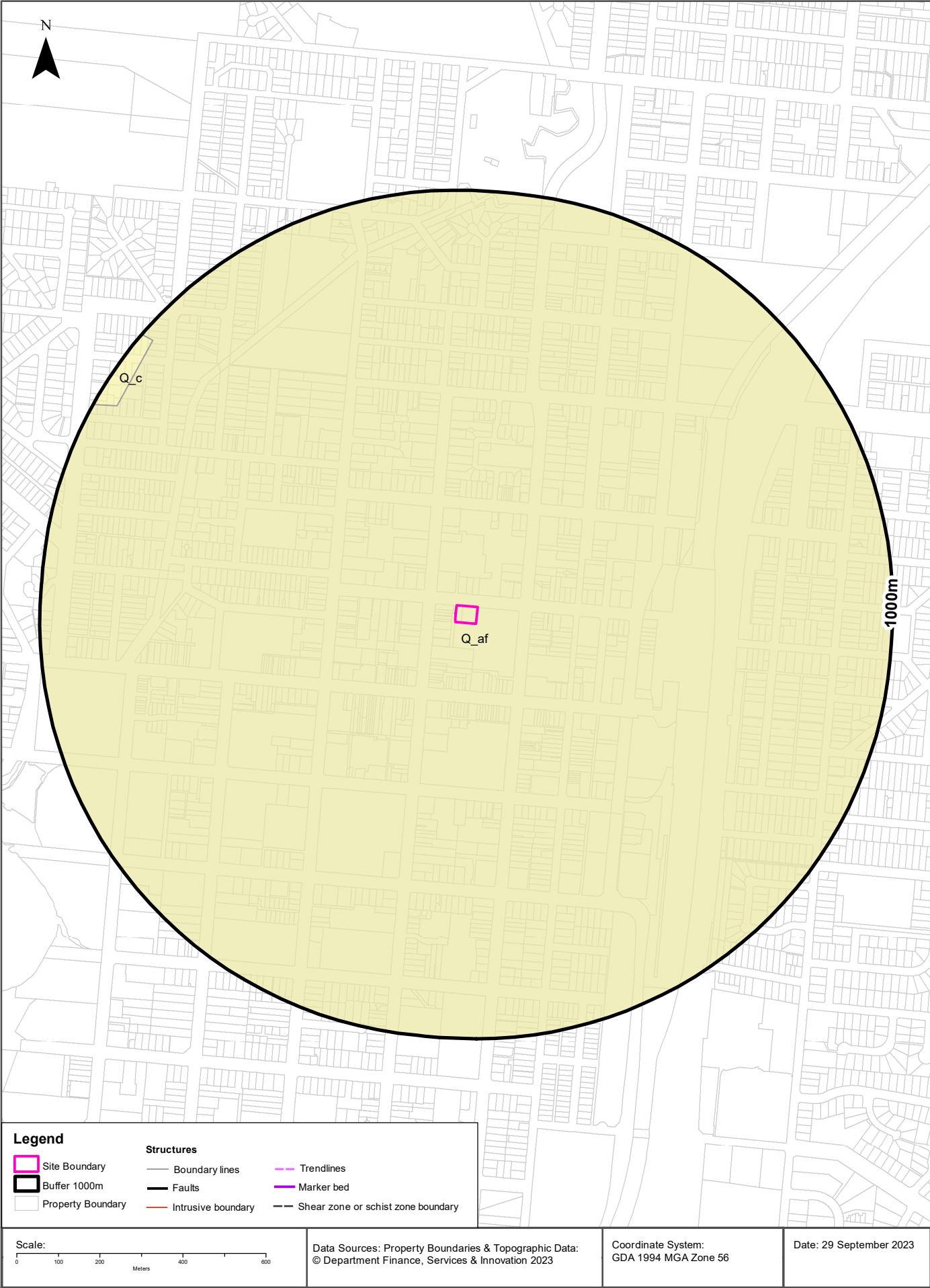
NGIS Bore ID	Drillers Log	Distance	Direction
10078512	0.00m-0.30m Fill 0.30m-0.80m Silt 0.80m-2.00m Silty Clay 2.00m-3.00m Gravel 3.00m-5.00m Gravel 5.00m-7.00m Gravel 7.00m-8.00m Gravel 8.00m-10.00m Sand 10.00m-11.00m Gravel 11.00m-12.00m Gravel 12.00m-13.50m Gravel 13.50m-17.50m Sand 17.50m-21.00m Sand 21.00m-24.00m Gravel	1061m	South West
10071282	0.00m-0.50m Bitumen 0.50m-1.75m Fill, gravelly silt, brown fine to medium gravel 1.75m-1.90m Silty clay, brown firm to stiff 1.90m-4.25m Gravel, fine to medium coarse sand 4.25m-14.50m Clay, minor pockets 14.50m-16.00m Gravelly sand, coarse grained 16.00m-21.00m Sandy gravel, fine to medium	1071m	North
10073404	0.00m-0.20m Silt 0.20m-4.00m Silty Sand 4.00m-8.00m Sand	1073m	South
10071193	0.00m-0.20m Silty Sand 0.20m-4.20m Silt 4.20m-6.00m Sand	1102m	South West
10059696	0.00m-4.57m Clay 4.57m-7.62m Sand	1133m	South West
10065592	0.00m-0.40m Fill 0.40m-4.40m Sandy Clay 4.40m-5.00m Sand	1166m	South West
10092578	0.00m-2.50m Clay 2.50m-6.50m Sand 6.50m-7.00m Gravel 7.00m-9.00m Sand 9.00m-13.50m Sand 13.50m-34.00m Schist 34.00m-36.00m Schist	1337m	South East
10038432	0.00m-0.30m 0.30m-3.00m 3.00m-4.20m 4.20m-4.50m 4.50m-4.80m 4.80m-5.50m 5.50m-7.00m	1375m	South
10080164	0.00m-5.00m clay, firm-stiff, dark brown, becoming moist 4.5m	1411m	South West
10079277	0.00m-0.50m Fill 0.50m-2.25m Silty Clay 2.25m-5.00m Silty Clay 5.00m-6.00m Gravel 6.00m-7.00m Gravel 7.00m-8.00m Gravel 8.00m-9.00m Gravel 9.00m-9.50m Gravel 9.50m-13.00m Gravel 13.00m-14.00m Sand 14.00m-15.00m Gravel 15.00m-16.00m Gravel 16.00m-17.00m Gravel 17.00m-18.00m Sand 18.00m-19.00m Gravel 19.00m-21.00m Gravel 21.00m-23.00m Sand	1521m	South West
10115707	0.00m-0.61m Topsoil 0.61m-4.57m Clay Sandy 4.57m-6.40m Sand 6.40m-7.62m Sand Coarse 6.40m-7.62m Clay Seams 7.62m-8.23m Sand 8.23m-10.36m Clay 10.36m-15.24m Drift 10.36m-15.24m Clay Seams 15.24m-29.26m Clay Black Some Sand 29.26m-29.87m Sand Coarse 29.87m-31.09m Gravel Water Supply 31.09m-31.70m Gravel Sand	1543m	North

NGIS Bore ID	Drillers Log	Distance	Direction
10017119	0.00m-1.83m Clay Sandy Topsoil 1.83m-7.32m Clay Silty 7.32m-8.53m Sand Fine-coarse 7.32m-8.53m Ironstone Bands 8.53m-10.06m Clay Grey Brown Streaks 10.06m-10.67m Clay Grey Silty 10.67m-12.50m Sand Some Claybound Soakage Fine-coarse 12.50m-21.95m Sand Silty Grey Streaks 21.95m-23.77m Sand 23.77m-25.60m Clay Dark Grey Silty 25.60m-30.48m Gravel Large Bands Fine-coarse Water Supply	1553m	North
10063723	0.00m-0.40m Topsoil 0.40m-6.50m Sandy Loam 6.50m-11.80m Clay, brown 11.80m-14.50m Clay, orange 14.50m-18.30m Sand, fine 18.30m-25.60m Clay, white clay bands orange 25.60m-27.30m Clay, grey 27.30m-28.90m Silt, river 28.90m-31.90m Gravel 31.90m-33.50m Clay, grey	1653m	North
10109383	0.00m-3.05m Soil Surface 3.05m-4.27m Silt Clay 4.27m-6.10m Sand Clayey Fine Dry 6.10m-15.24m Sand Clayey Coarse Dry 15.24m-15.85m Sand Coarse Gravel 15.85m-25.30m Clay Yellow Silty 25.30m-25.60m Clay Silty 25.60m-31.70m Gravel Coarse Sand Water Supply 31.70m-33.22m Gravel 31.70m-33.22m Silt Grey	1665m	North
10113191	0.00m-1.22m Topsoil 1.22m-16.76m Clay 16.76m-18.59m Drift 18.59m-29.87m Clay 29.87m-38.10m Clay Black Some Sand 29.87m-38.10m Gravel	1665m	North
10010272	0.00m-0.30m Topsoil 0.30m-2.74m Clay 2.74m-3.66m Gravel	1698m	South
10105792	0.00m-0.30m Topsoil 0.30m-2.00m Clay Multicoloured Sandy 2.00m-6.00m Clay Sandy 6.00m-12.00m Clay Claybound 12.00m-12.50m Clay Grey Sandy 12.50m-17.00m Gravel Coarse Claybound Dry Sand 17.00m-20.00m Clay Grey Gritty 20.00m-23.00m Clay Grey Sandy 23.00m-27.00m Clay Grey 27.00m-28.00m Clay Grey Silty 28.00m-42.00m Gravel Large Sand Very Sharp 42.00m-45.00m Quartz Coarse Gravel Sand Very Sharp	1706m	North
10068591	0.00m-1.00m Topsoil 1.00m-6.00m Clay 6.00m-24.00m Gravel 24.00m-27.00m Sand	1720m	South
10062758	0.00m-2.74m Subsoil 2.74m-3.12m Gravel	1761m	South
10045419	0.00m-1.00m Topsoil 1.00m-5.00m Clay 5.00m-15.00m Sand 15.00m-24.00m Gravel	1813m	South
10116719	0.00m-0.61m Topsoil 0.61m-7.92m Shale Sandy 7.92m-8.53m Gravel 8.53m-13.41m Sand Clay 13.41m-13.72m Gravel 13.72m-16.15m Sand Coarse 16.15m-28.04m Clay Grey 28.04m-44.50m Gravel 44.50m-46.63m Gravel 44.50m-46.63m Clay Some Sand 46.63m-50.29m Gravel 46.63m-50.29m Clay Black Some Sand	1836m	North
10069133	0.00m-1.70m Fill 1.70m-2.80m Fill 2.80m-4.30m Sandy Clay 4.30m-4.70m Sandy Clay 4.70m-5.10m Quartz 5.10m-6.20m Quartz 6.20m-7.00m Quartz	1981m	South



NGIS Bore ID	Drillers Log	Distance	Direction
10108873	0.00m-0.60m Topsoil 0.60m-3.04m Sand 3.04m-5.48m Gravel	1994m	South

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



## Geology

481-487 Swift Street, Albury, NSW 2640

### Geological Units

What are the Geological Units within the dataset buffer?

Unit Code	Unit Name	Description	Unit Stratigraphy	Age	Dominant Lithology	Distance
Q_af	Alluvial floodplain deposits	Silt, very fine- to medium-grained lithic to quartz-rich sand, clay.	/Alluvium//Alluvial floodplain deposits//	Quaternary (base) to Now (top)	Clastic sediment	0m
Q_c	Colluvium	Poorly sorted, weakly cemented to unconsolidated colluvial lenses of polymictic conglomerate with medium- to very coarse-grained sand matrix; interspersed with unconsolidated clayey and silty red-brown (aeolian) sand layers, modified by pedogenesis.	/Colluvium////	Quaternary (base) to Now (top)	Clastic sediment	948m

### Linear Geological Structures

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

Map ID	Feature Description	Map Sheet Name	Distance
No Features			

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

Map ID	Boundary Type	Description	Map Sheet Name	Distance
No Features				

Geological Data Source: Statewide Seamless Geology v2.1, Department of Regional NSW

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# Naturally Occurring Asbestos Potential

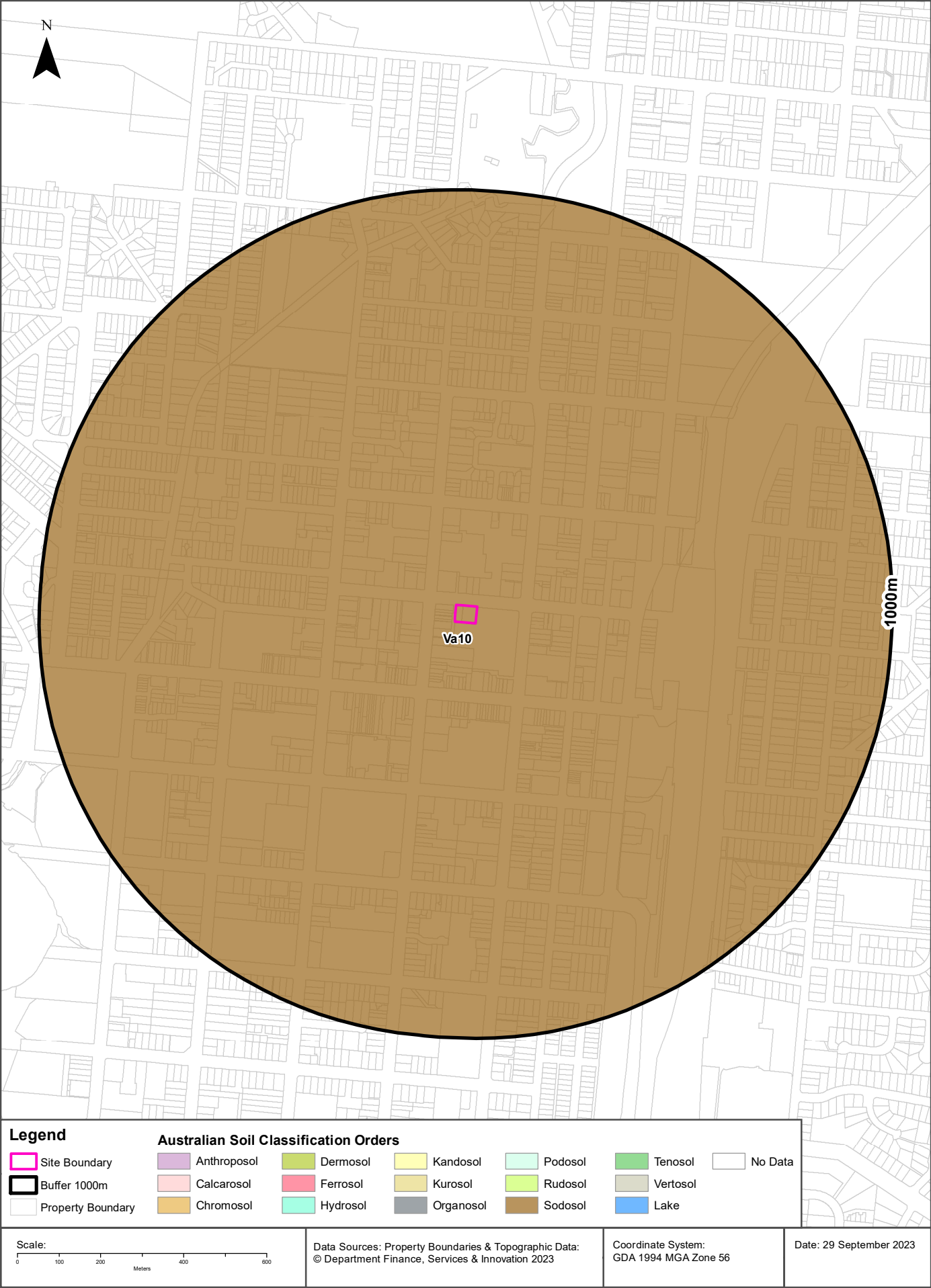
481-487 Swift Street, Albury, NSW 2640

## Naturally Occurring Asbestos Potential

Naturally Occurring Asbestos Potential within the dataset buffer:

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

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





## Soils

481-487 Swift Street, Albury, NSW 2640

### Atlas of Australian Soils

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

Map Unit Code	Soil Order	Map Unit Description	Distance	Direction
Va10	Sodosol	River valleys and their adjacent hill slopes: (1) valley plains of hard neutral and alkaline yellow mottled soils (Dy3.42 and Dy3.43) on the colluvial slopes and upper terraces of major streams and also flood-plains of some tributary streams; in association with sandy acidic yellow mottled soils (Dy5.41) on low rises and other soils, including (Gn2.8), on the flatter portions of the middle terraces and flood- plains of the major streams, and with swampy areas close to some of the major stream channels; (2) surrounding hill slopes of hard acidic yellow mottled soils (Dy3.41) and hard acidic red soils (Dr2.21 and Dr2.41).	0m	On-site

Atlas of Australian Soils Data Source: CSIRO

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## Acid Sulfate Soils

481-487 Swift Street, Albury, NSW 2640

### Environmental Planning Instrument - Acid Sulfate Soils

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

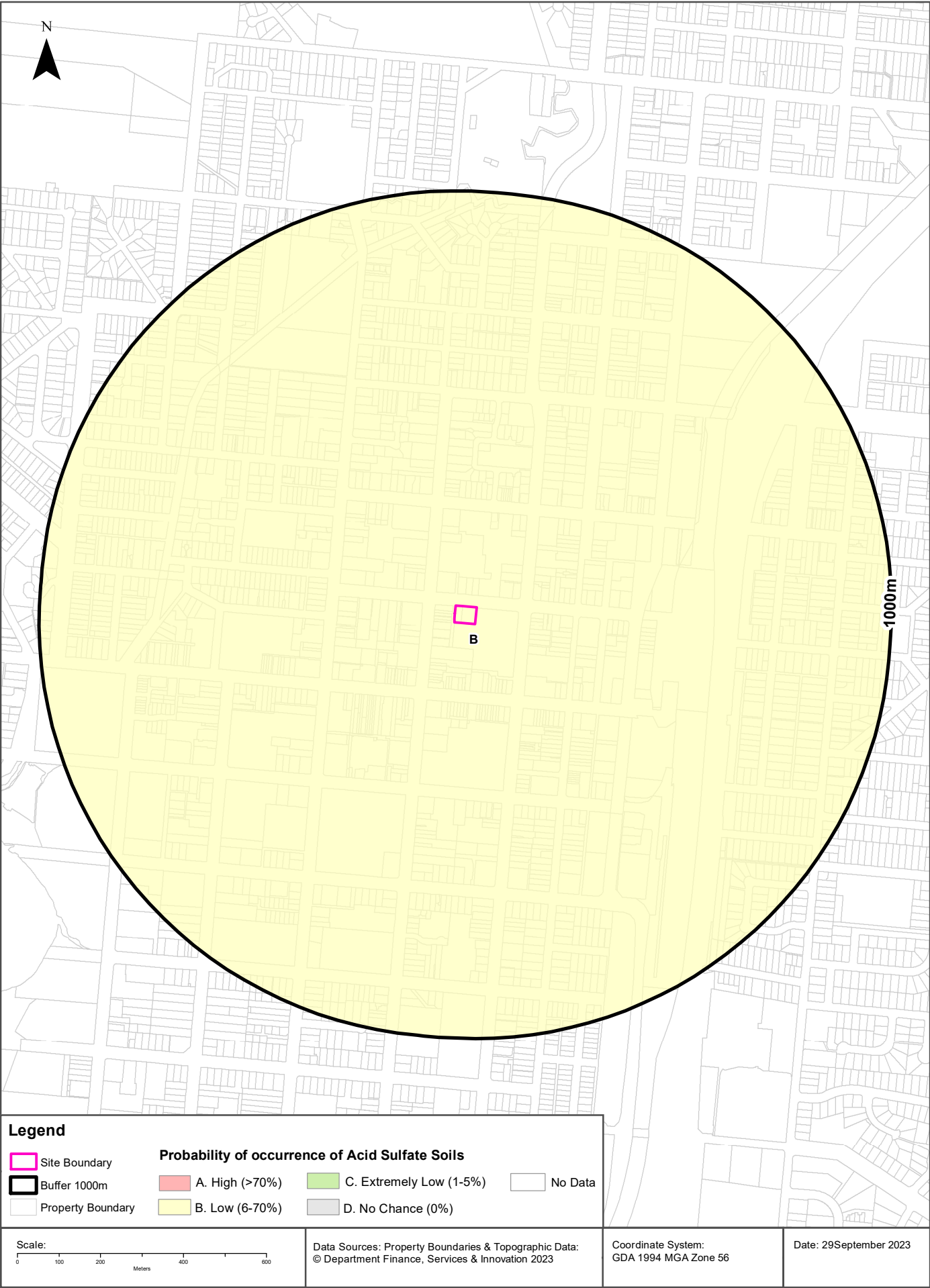
Soil Class	Description	EPI Name
N/A		

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

Soil Class	Description	EPI Name	Distance	Direction
N/A				

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## Acid Sulfate Soils

481-487 Swift Street, Albury, NSW 2640

### Atlas of Australian Acid Sulfate Soils

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

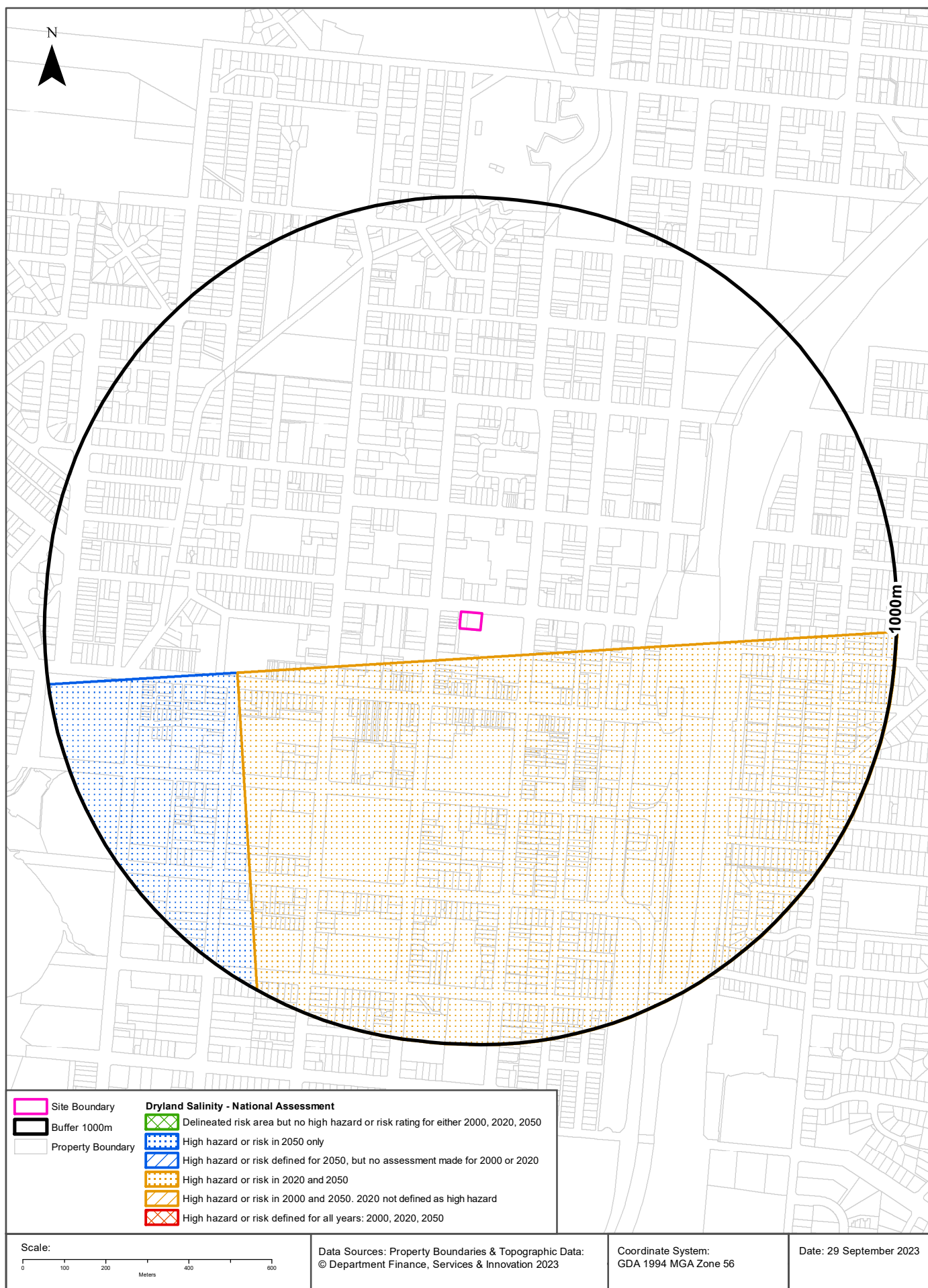
Class	Description	Distance	Direction
B	Low Probability of occurrence. 6-70% chance of occurrence.	0m	On-site

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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# Dryland Salinity

481-487 Swift Street, Albury, NSW 2640





## Dryland Salinity

481-487 Swift Street, Albury, NSW 2640

### Dryland Salinity - National Assessment

Is there Dryland Salinity - National Assessment data onsite?

**No**

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

**Yes**

What Dryland Salinity assessments are given?

Assessment 2000	Assessment 2020	Assessment 2050	Distance	Direction
-	High hazard or risk	High hazard or risk	66m	South
-	-	High hazard or risk	547m	South West

Dryland Salinity Data Source : National Land and Water Resources Audit

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

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

## Mining

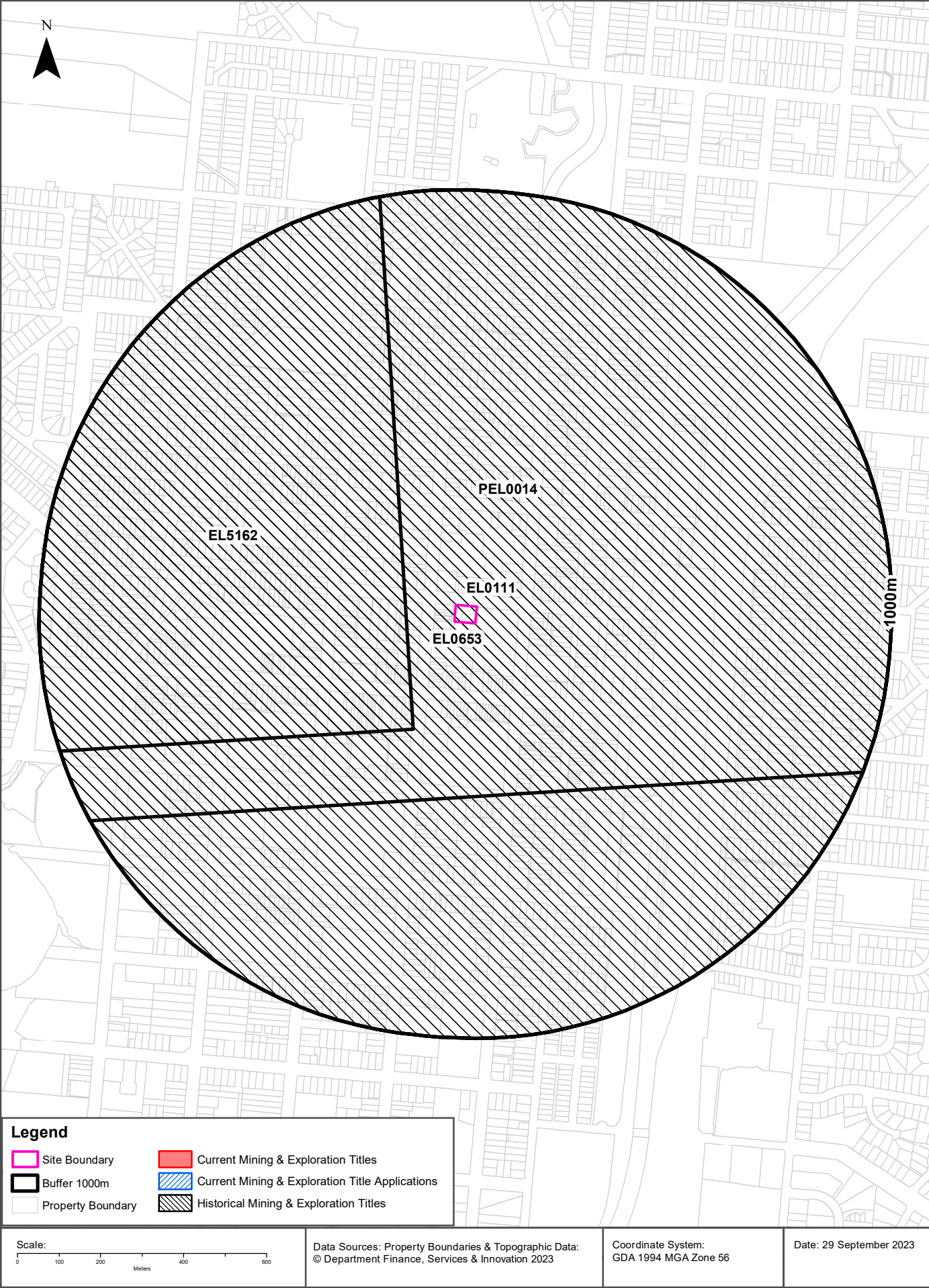
481-487 Swift Street, Albury, NSW 2640

### Mining Subsidence Districts

Mining Subsidence Districts within the dataset buffer:

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

Mining Subsidence District Data Source: © Land and Property Information (2016)  
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## Mining

481-487 Swift Street, Albury, NSW 2640

### Current Mining & Exploration Titles

Current Mining & Exploration Titles within the dataset buffer:

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

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

### Current Mining & Exploration Title Applications

Current Mining & Exploration Title Applications within the dataset buffer:

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

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

## Mining

481-487 Swift Street, Albury, NSW 2640

### Historical Mining & Exploration Titles

Historical Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Start Date	End Date	Resource	Minerals	Dist	Dir
EL0111	WALTON, R	19680501	19690501	MINERALS	Au Sn	0m	On-site
PEL0014	KNIGHT INDUSTRIES PTY LTD,PETROLEUM DEVELOPMENT PTY LTD	19961003	19981002	PETROLEUM	Petroleum	0m	On-site
EL0653	ALBURY BRICKWORKS	19731101	19741201	MINERALS	Brick clay Clay shale	0m	On-site
EL5162	GOLDEN CROSS OPERATIONS PTY. LTD.	19961128	19981127	MINERALS	Au	115m	North West

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



# State Environmental Planning Policy

481-487 Swift Street, Albury, NSW 2640

## State Significant Precincts

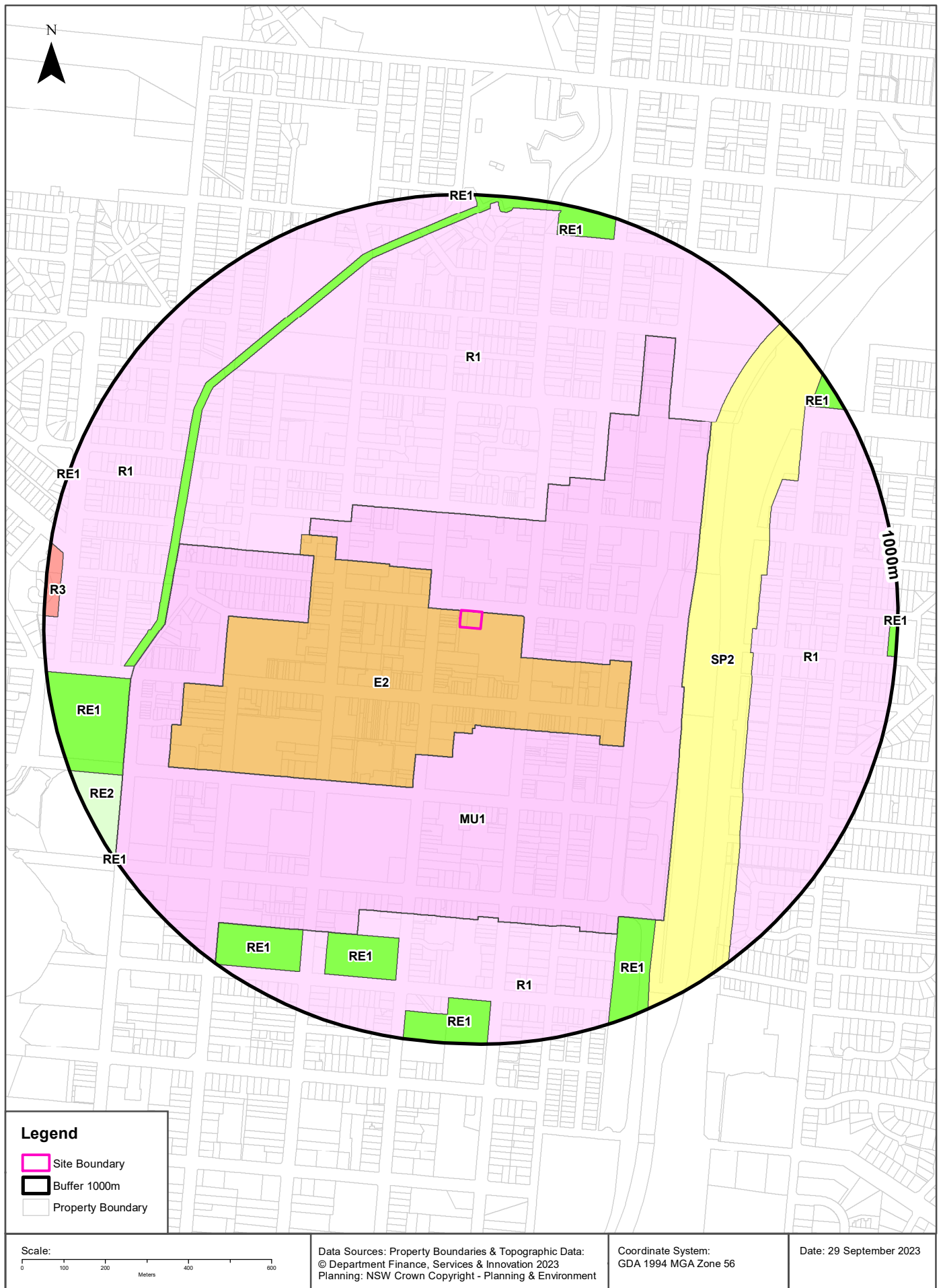
What SEPP State Significant Precincts exist within the dataset buffer?

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

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# EPI Planning Zones

481-487 Swift Street, Albury, NSW 2640



# Environmental Planning Instrument

481-487 Swift Street, Albury, NSW 2640

## Land Zoning

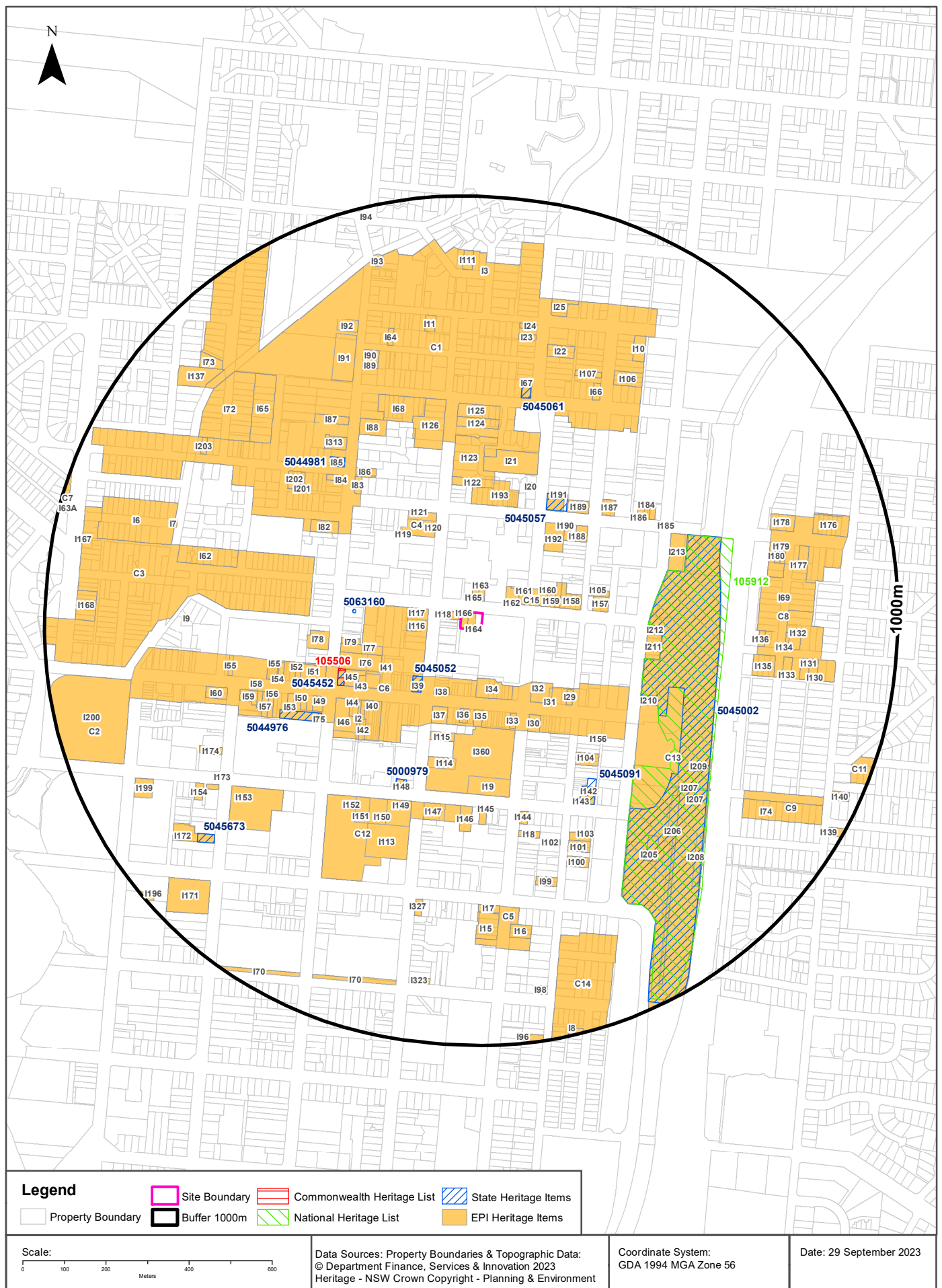
What EPI Land Zones exist within the dataset buffer?

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
E2	Commercial Centre		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	0m	On-site
MU1	Mixed Use		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	0m	South
R1	General Residential		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	233m	North
SP2	Infrastructure	Transport Infrastructure	Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	494m	East
R1	General Residential		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	650m	East
R1	General Residential		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	692m	South
RE1	Public Recreation		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	697m	North West
RE1	Public Recreation		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	763m	South
RE1	Public Recreation		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	767m	South East
RE1	Public Recreation		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	802m	West
RE1	Public Recreation		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	821m	South West
RE2	Private Recreation		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	887m	South West
RE1	Public Recreation		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	890m	South
RE1	Public Recreation		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	931m	North East
R3	Medium Density Residential		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	965m	West
RE1	Public Recreation		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	977m	East
RE1	Public Recreation		Albury Local Environmental Plan 2010	21/04/2023	26/04/2023	26/04/2023	Map Amendment No 1	996m	West

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# Heritage Items

481-487 Swift Street, Albury, NSW 2640



## Heritage

481-487 Swift Street, Albury, NSW 2640

## Commonwealth Heritage List

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

Place Id	Name	Address	Place File No	Class	Status	Register Date	Distance	Direction
105506	Albury Post Office	570 Dean St, Albury NSW	1/05/340/0005	Historic	Listed place	08/11/2011	293m	South West

Heritage Data Source: Australian Government Department of the Environment and Energy - Heritage Branch  
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## National Heritage List

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

Note. Please click on Place Id to activate a hyperlink to online website.

Place Id	Name	Address	Place File No	Class	Status	Register Date	Distance	Direction
<a href="#">105912</a>	Albury Railway Station and Yard	Hume Hwy, Albury NSW	1/05/340/0013	Historic	Nomination now ineligible for PPAL		399m	South East

Heritage Data Source: Australian Government Department of the Environment and Energy - Heritage Branch  
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## State Heritage Register - Curtilages

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

Map Id	Name	Address	LGA	Listing Date	Listing No	Plan No	Distance	Direction
5045052	Albury Technical College	502 Dean Street Albury	ALBURY CITY	02/04/1999	00137	399	148m	South West
5063160	The Uiver Collection	33 Richards Street, Bourke	ALBURY CITY	28/08/2017	01995	3189	254m	West
5045057	Model Store	582 David Street Albury	ALBURY CITY	02/04/1999	00359	864	293m	North East
5045452	Albury Post Office	570 Dean Street Albury	ALBURY CITY	17/12/1999	01311	3103	293m	South West
5000979	Carriageway, The	506-508 Smollett Street Albury	ALBURY CITY	02/04/1999	00040	209	387m	South West
5044976	New Albury Hotel	491 Kiewa Street Albury	ALBURY CITY	02/04/1999	00629	1654	391m	South West
5045002	Albury Railway Station and Yard Group	Railway Place Albury	ALBURY CITY	02/04/1999	01073	2649	399m	South East
5045091	Commercial Hotel & Cottage	430-436 Smollett Street Albury	ALBURY CITY	02/04/1999	00538	1369	439m	South East
5044981	Bonegilla House	587 Kiewa Street Albury	ALBURY CITY	02/04/1999	00617	1622	449m	North West
5045061	Reids Butcher shop & dwelling	462 Guinea Street Albury	ALBURY CITY	02/04/1999	00537	1368	528m	North
5045673	Elm Court	435 Townsend Street Albury	ALBURY CITY	02/04/1999	00140	403	772m	South West



## Environmental Planning Instrument - Heritage

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

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I166	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	0m	On-site
I164	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	0m	On-site
I118	Shops "Abikhair's"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	7m	West
I163	House "Torlochan"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	30m	North
I165	Funeral Parlour & Residence	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	30m	North
C15	Swift Street Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	59m	East
I162	Terrace House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	59m	North East
I117	Methodist Church Hall	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	81m	West
C6	Dean Street Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	81m	South West
I116	Methodist Church	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	81m	West
I161	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	88m	North East
I34	Shops	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	115m	South
I160	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	136m	East
I38	Former Bank	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	146m	South West
I39	Music Conservatorium (Albury Technical College)	Item - General	State	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	148m	South West
I159	Terrace House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	154m	East
I32	Cinema Centre	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	173m	South East
I158	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	185m	East
C4	St David's Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	190m	North West
I119	St David's Manse	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	190m	North West

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I35	Abikhairs Building	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	192m	South
I77	St Matthew's Rectory	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	192m	West
I37	CML Building	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	192m	South
I36	Shops	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	192m	South
I76	St Matthew's Church	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	200m	West
I120	St David's Church Hall	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	209m	North West
I192	Soden's Hotel Accommodation	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	209m	North East
I33	Shop "Florence Chemist"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	211m	South
I31	Shop	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	215m	South East
I41	Regional Art Centre	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	223m	South West
I121	St David's Church	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	227m	North West
I360	Albury Public School	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	231m	South
I30	Shop	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	232m	South East
I79	Bellbridge Hague	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	242m	West
I45	Court House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	249m	South West
I29	Thiel's Building	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	250m	South East
I115	Albury Motors	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	253m	South
I43	Burrows House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	255m	South West
I105	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	257m	East
I40	Shops	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	259m	South West
I190	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	261m	North East
I193	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	262m	North
I157	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	262m	East
I188	House "Uralba"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	281m	North East

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I42	T & G Building	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	287m	South West
I191	The Model Store	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	293m	North East
I47	Post Office	Item - General	State	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	293m	South West
I2	Arcade Of Shops	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	294m	South West
I44	AMP Building	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	299m	South West
C1	Bonegilla Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	303m	North
I122	House "The Cedar"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	303m	North
I114	Albury Public School	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	314m	South
I46	Shop "Mates Arcade"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	315m	South West
I78	Albury Club	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	315m	West
I20	House "Fernhurst"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	316m	North East
I189	Gun Shop	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	318m	North East
I123	University Buildings	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	323m	North
I51	Globe Corner	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	335m	West
I21	Adamshurst	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	343m	North
I82	Fire Station	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	352m	North West
I19	Albury Public School "The Castle"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	352m	South
C3	Bungambrawatha Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	365m	West
I49	National Australia Bank	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	368m	South West
I104	Terrace Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	371m	South East
I187	Shop and Two Dwellings	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	372m	North East
I83	House "Nyang"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	374m	North West
I156	Quilters Cottage	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	378m	South East
I86	House "Bellevue"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	386m	North West

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I148	The Carriageway	Item - General	State	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	387m	South West
I75	New Albury Hotel	Item - General	State	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	391m	South West
I52	Commonwealth Bank	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	392m	West
I126	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	393m	North
I212	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	398m	East
C13	Railway Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	398m	South East
I211	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	398m	East
I50	Shop	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	402m	South West
I210	Railway Workers Hut	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	414m	South East
I146	Monastery	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	425m	South
I147	St. Patrick's Primary School	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	425m	South
C12	St Patricks Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	425m	South West
I84	House "Hawthorn"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	425m	North West
I145	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	426m	South
I53	Albion Hotel Accommodation	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	430m	South West
I54	National Australia Bank	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	431m	West
I149	St Patrick's Church	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	432m	South
I186	Shop	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	436m	North East
I124	House "Boldrewood"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	444m	North
I144	Corner Store	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	445m	South
I55	Shops	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	445m	West
I142	Commercial Hotel Accommodation "Waterstreet Hotel"	Item - General	State	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	446m	South East
I150	St Patrick's Presbytery	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	447m	South West
I85	House "Bonegilla"	Item - General	State	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	449m	North West

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I184	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	449m	North East
I143	Bottleshop	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	452m	South East
I213	Bunge Flour Mill	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	457m	East
I88	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	460m	North West
I185	House "Cumnock"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	460m	North East
I151	Roman Catholic Hall	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	462m	South West
I125	House "Adams"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	469m	North
I68	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	472m	North
I56	ANZAC House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	474m	South West
I313	Old Meramie Hotel	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	478m	North West
I201	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	480m	North West
I57	Westpac Bank	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	485m	West
I202	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	488m	North West
I18	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	489m	South
I152	Fig Tree	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	490m	South West
I113	Convent Of Mercy	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	492m	South
I58	Temple Court	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	499m	West
I59	Beehive Building	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	510m	West
I102	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	520m	South
I87	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	525m	North West
I67	Reids Butcher Shop and House	Item - General	State	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	528m	North
I103	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	529m	South East
I101	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	546m	South East
I55	Shops	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	549m	West



Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I62	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	552m	West
I153	Australian Tax Office	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	577m	South West
I66	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	578m	North East
I60	Shop "Maples Building"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	579m	West
I100	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	581m	South East
I207	Signal Box, Footbridge	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	592m	South East
I209	Railway Turntable	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	605m	South East
I206	Albury Railway Station	Item - General	State	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	606m	South East
I99	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	606m	South
I91	Albury High School	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	613m	North West
I65	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	613m	North West
I107	House "Quamby"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	614m	North East
I89	Shop and House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	619m	North
I90	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	632m	North
I106	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	634m	North East
I205	Station Master's Residence	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	636m	South East
I22	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	638m	North
I174	Kia Ora	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	641m	South West
I207	Signal Box, Footbridge	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	645m	South East
I9	Palm Trees	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	653m	West
I72	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	655m	North West
I135	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	657m	East
C8	Hanel Street Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	657m	East
I327	Historic Shop Facade	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	658m	South

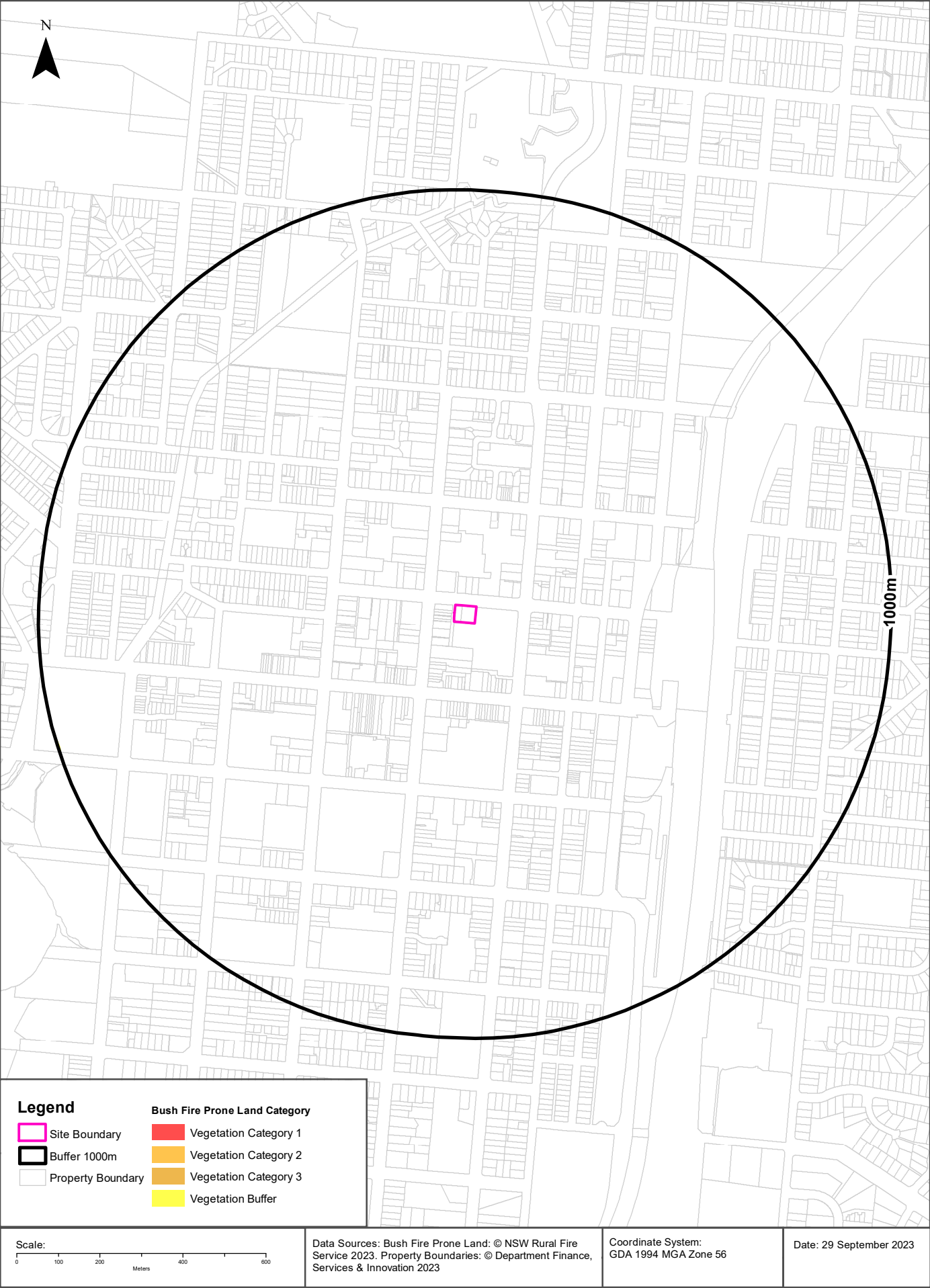
Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I17	House (Haberfields)	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	659m	South
C5	David Street Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	659m	South
I69	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	660m	East
I64	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	662m	North
I136	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	665m	East
I23	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	666m	North
I11	House "Avonlea"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	676m	North
I15	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	678m	South
I24	Corner Store and House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	692m	North
I173	Shop	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	692m	South West
I10	House "Springfield"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	706m	North East
I180	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	710m	East
I16	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	710m	South
I208	Transshipment Shed	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	715m	South East
I7	Trees	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	716m	West
I92	Headmaster's House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	717m	North West
I6	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	718m	West
I178	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	718m	East
I154	House "Green Court"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	721m	South West
I203	Former Neighbourhood Store	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	722m	North West
I179	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	723m	East
I133	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	730m	East
I134	Corner Store	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	730m	East
I132	House "Grestford"	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	731m	East

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I25	Terrace Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	737m	North
C9	Kenilworth Street Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	740m	South East
I74	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	749m	South East
C14	South Albury Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	756m	South
I177	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	766m	East
I131	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	771m	East
I172	Elm Court	Item - General	State	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	772m	South West
I130	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	792m	East
I200	Botanic Gardens	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	802m	West
C2	Botanic Gardens Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	802m	West
I176	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	815m	East
I137	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	816m	North West
I3	Palm Tree	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	817m	North
I73	Shops	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	820m	North West
I199	Pump Station	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	823m	South West
I111	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	823m	North
I323	Historic Dwelling	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	846m	South
I93	Trees	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	853m	North
I171	Gas And Fuel Building	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	854m	South West
I70	Mudges Canal	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	860m	South
I98	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	865m	South
I168	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	878m	West
I167	Shop	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	915m	West
I70	Mudges Canal	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	915m	South West

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I140	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	928m	South East
C11	Mount Street Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	947m	East
I139	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	961m	South East
I94	Gaslight	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	972m	North
I196	circa 1885 Brick Colonial Georgian Building	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	973m	South West
I96	House	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	975m	South
I8	Houses	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	978m	South
C7	Forrest Hill Estate Conservation Area	Conservation Area - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	978m	West
I63A	Forest Hill Area	Item - General	Local	Albury Local Environmental Plan 2010	13/08/2010	13/08/2010	13/08/2010	978m	West

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## Natural Hazards

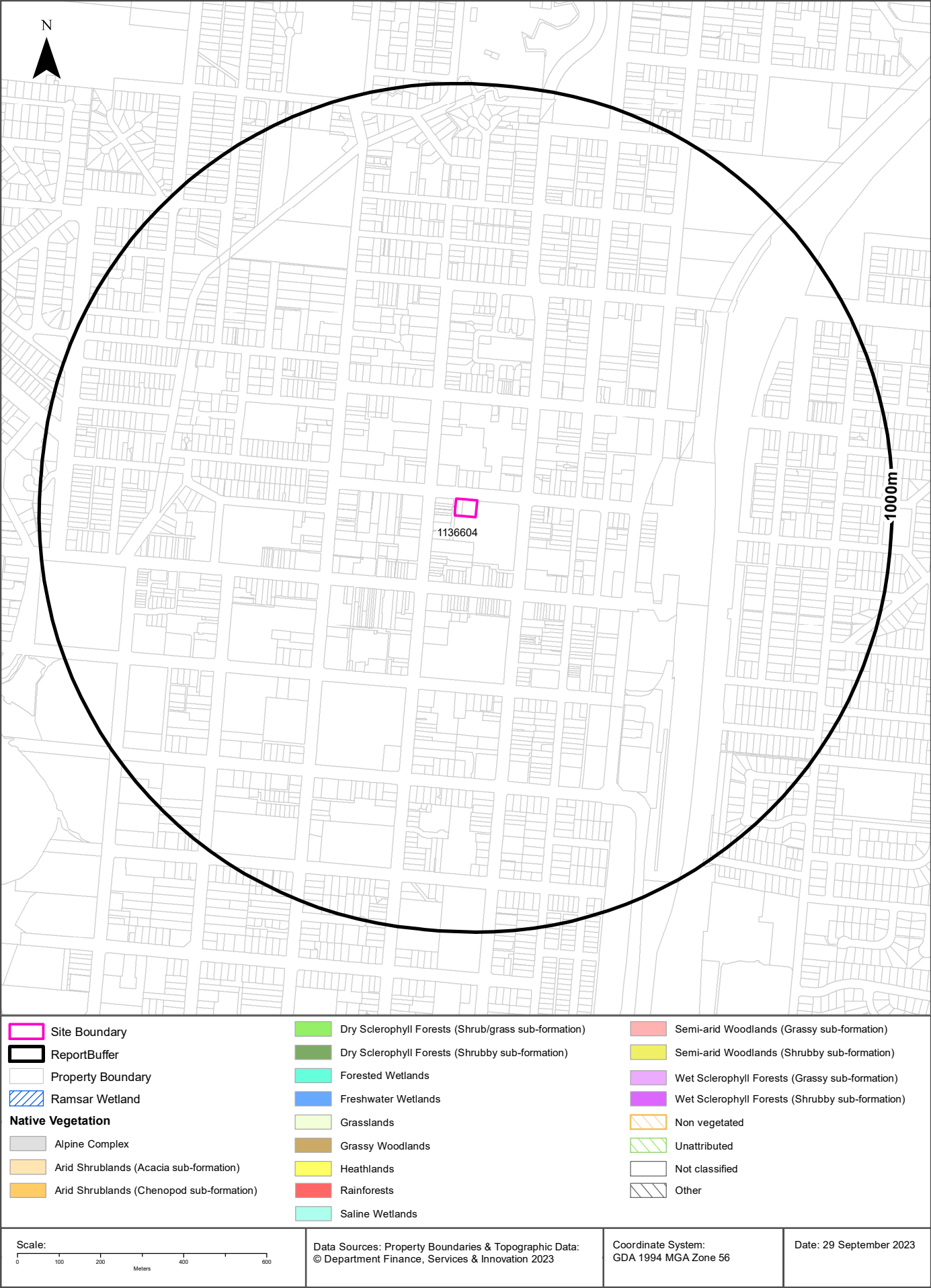
481-487 Swift Street, Albury, NSW 2640

### Bush Fire Prone Land

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

Bush Fire Prone Land Category	Distance	Direction
Vegetation Buffer	995m	West

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



## Ecological Constraints

481-487 Swift Street, Albury, NSW 2640

### Native Vegetation

What native vegetation exists within the dataset buffer?

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
1136604	Not classified	(Not classified) Not classified	Not classified	0m	On-site

Native Vegetation Type Map : NSW Department of Planning and Environment 2022

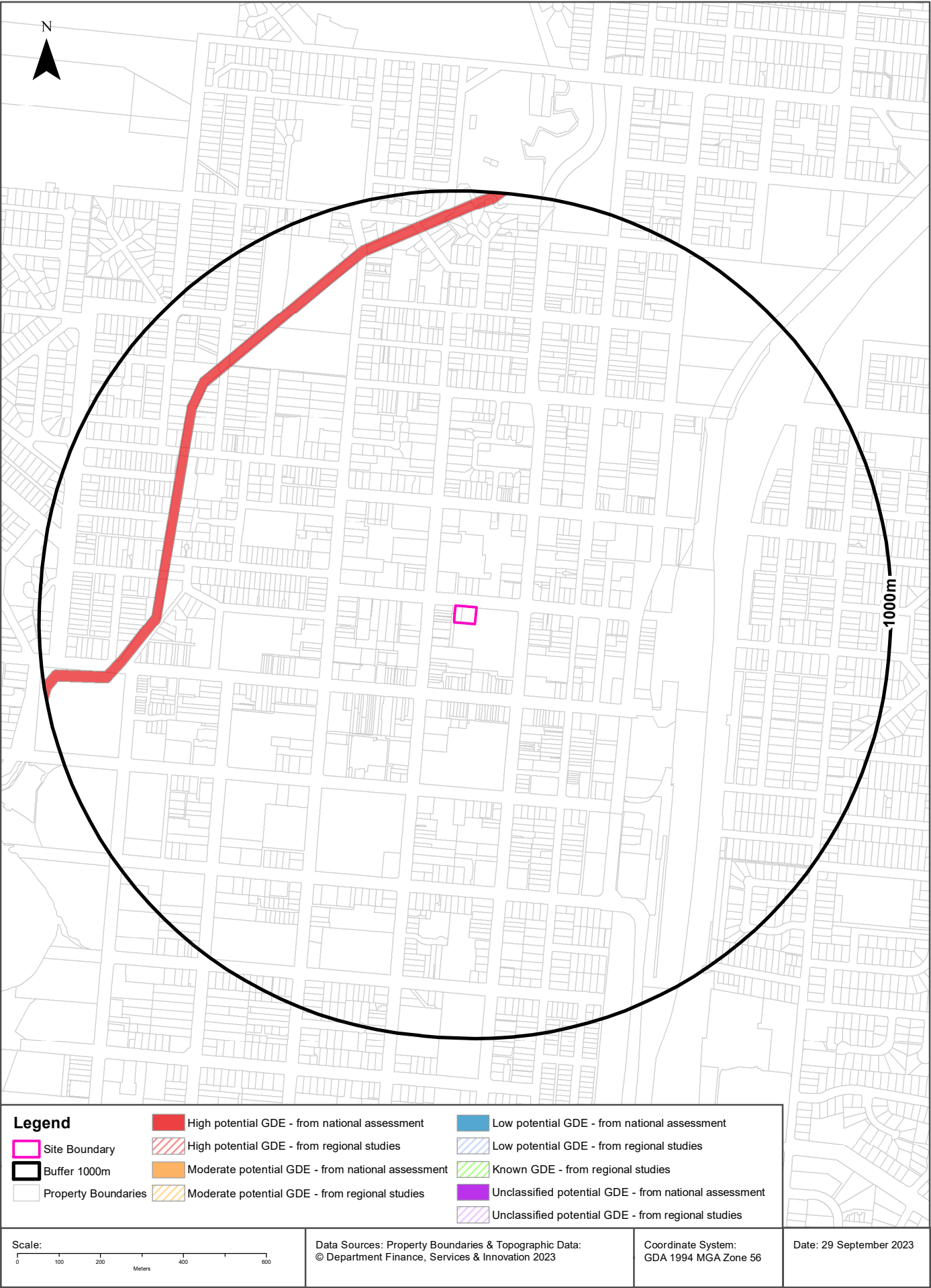
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### Ramsar Wetlands

What Ramsar Wetland areas exist within the dataset buffer?

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

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



## Ecological Constraints

481-487 Swift Street, Albury, NSW 2640

### Groundwater Dependent Ecosystems Atlas

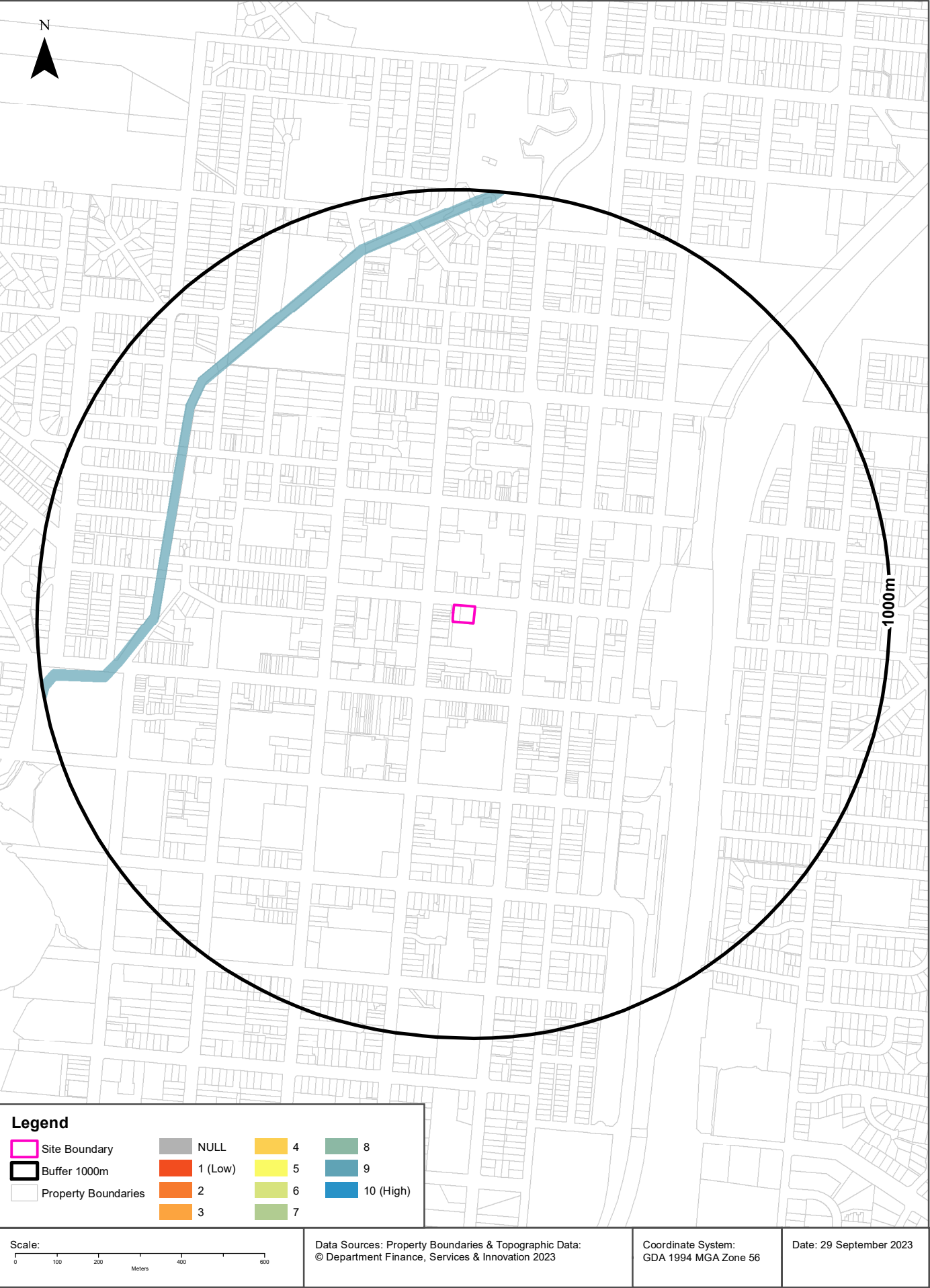
Type	GDE Potential	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Aquatic	High potential GDE - from national assessment	Dissected high plateaus on various resistant rocks, with isolated high plains.	River	Unconsolidated sedimentary	696m	North West

Groundwater Dependent Ecosystems Atlas Data Source: The Bureau of Meteorology  
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# Ecological Constraints - Inflow Dependent Ecosystems Likelihood

481-487 Swift Street, Albury, NSW 2640



## Ecological Constraints

481-487 Swift Street, Albury, NSW 2640

### Inflow Dependent Ecosystems Likelihood

Type	IDE Likelihood	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Aquatic	9	Dissected high plateaus on various resistant rocks, with isolated high plains.	River	Unconsolidated sedimentary	696m	North West

Inflow Dependent Ecosystems Likelihood Data Source: The Bureau of Meteorology

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## Ecological Constraints

481-487 Swift Street, Albury, NSW 2640

### NSW BioNet Atlas

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

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Amphibia	<i>Crinia sloanei</i>	Sloane's Froglet	Endangered	Not Sensitive	Endangered	
Animalia	Amphibia	<i>Heleioporus australiacus</i>	Giant Burrowing Frog	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Amphibia	<i>Litoria raniformis</i>	Southern Bell Frog	Endangered	Not Sensitive	Vulnerable	
Animalia	Aves	<i>Anseranas semipalmata</i>	Magpie Goose	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Anthochaera phrygia</i>	Regent Honeyeater	Critically Endangered	Category 2	Critically Endangered	
Animalia	Aves	<i>Apus pacificus</i>	Fork-tailed Swift	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	<i>Artamus cyanopterus cyanopterus</i>	Dusky Woodswallow	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Botaurus poiciloptilus</i>	Australasian Bittern	Endangered	Not Sensitive	Endangered	
Animalia	Aves	<i>Burhinus grallarius</i>	Bush Stone-curlew	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	<i>Calidris acuminata</i>	Sharp-tailed Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	<i>Callocephalon fimbriatum</i>	Gang-gang Cockatoo	Vulnerable	Category 3	Endangered	
Animalia	Aves	<i>Certhionyx variegatus</i>	Pied Honeyeater	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Chthonicola sagittata</i>	Speckled Warbler	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Circus assimilis</i>	Spotted Harrier	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Climacteris picumnus victoriae</i>	Brown Treecreeper (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Daphoenositta chrysoptera</i>	Varied Sittella	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Falco subniger</i>	Black Falcon	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Gallinago hardwickii</i>	Latham's Snipe	Not Listed	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	Vulnerable	Category 3	Not Listed	
Animalia	Aves	<i>Glossopsitta pusilla</i>	Little Lorikeet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Grantiella picta</i>	Painted Honeyeater	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	<i>Haliaeetus leucogaster</i>	White-bellied Sea-Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Hieraaetus morphnoides</i>	Little Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Hirundapus caudacutus</i>	White-throated Needletail	Not Listed	Not Sensitive	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	<i>Lathamus discolor</i>	Swift Parrot	Endangered	Not Sensitive	Critically Endangered	
Animalia	Aves	<i>Melanodryas cucullata cucullata</i>	Hooded Robin (south-eastern form)	Vulnerable	Not Sensitive	Not Listed	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Melithreptus gularis gularis	Black-chinned Honeyeater (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Neophema chrysostoma	Blue-winged Parrot	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	Neophema pulchella	Turquoise Parrot	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Ninox connivens	Barking Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Oxyura australis	Blue-billed Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Petroica boodang	Scarlet Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Petroica phoenicea	Flame Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Polytelis swainsonii	Superb Parrot	Vulnerable	Category 3	Vulnerable	
Animalia	Aves	Pomatostomus temporalis temporalis	Grey-crowned Babbler (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Stagonopleura guttata	Diamond Firetail	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Stictonetta naevosa	Freckled Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Tringa glareola	Wood Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Tringa stagnatilis	Marsh Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Mammalia	Dasyurus maculatus	Spotted-tailed Quoll	Vulnerable	Not Sensitive	Endangered	
Animalia	Mammalia	Falsistrellus tasmaniensis	Eastern False Pipistrelle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Petaurus norfolcensis	Squirrel Glider	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Phascolarctos cinereus	Koala	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	Pteropus poliocephalus	Grey-headed Flying-fox	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Saccolaimus flaviventris	Yellow-bellied Sheath-tail-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	Aprasia parapulchella	Pink-tailed Legless Lizard	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Amphibromus fluitans	Floating Swamp Wallaby-grass	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Caladenia concolor	Crimson Spider Orchid	Endangered	Category 2	Vulnerable	
Plantae	Flora	Caladenia rosella	Rosella Spider Orchid	Presumed Extinct	Category 2	Endangered	
Plantae	Flora	Leucochrysum albicans subsp. tricolor	Hoary Sunray	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Pilularia novae-hollandiae	Austral Pillwort	Endangered	Category 3	Not Listed	
Plantae	Flora	Senecio garlandii	Woolly Ragwort	Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Swainsona sericea	Silky Swainson-pea	Vulnerable	Not Sensitive	Not Listed	

Data does not include NSW category 1 sensitive species.

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

## Location Confidences

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

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



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    - (b) any loss of profit, loss of revenue, loss of interest, loss of data, loss of goodwill or loss of business opportunities, business interruption arising directly or indirectly out of or in relation to the Report or these Terms,
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  12. These Terms are subject to New South Wales law.

# **ADVANCE LEGAL SEARCHERS PTY LTD**

(ACN 147 943 842)

ABN 82 147 943 842

18/36 Osborne Road,  
Manly NSW 2095

Mobile: +61412 169 809  
Email: [search@alsearchers.com.au](mailto:search@alsearchers.com.au)

28<sup>th</sup> September, 2023

## **JONES ENVIRONMENTAL CONSULTING PTY LTD**

**497 Parnall Street,  
LAVINGTON, NSW 2641**

**Attention: Patricia Jones,**

**RE: 481 to 485 & 487 Swift Street,  
Albury**

<b>Note 1:</b>	<b>Lot 1</b>	<b>DP 912511</b>	(page 1)
<b>Note 2:</b>	<b>Lot 20</b>	<b>DP 780123</b>	(page 3)

**Note 1:**

## **Current Search**

Folio Identifier 1/912511 (title attached)

DP 912511 (plan attached)

Dated 28<sup>th</sup> September, 2023

Registered Proprietor:

**481 SWIFT STREET PTY LTD** (ACN 654 611 140)

## **Title Tree Lot 1 DP 912511**

Folio Identifier 1/912511

Certificate of Title Volume 1030 Folio 159

\*\*\*\*

### **Index**

T – Transfer

TA – Transmission Application

\*\*\*\*

## **Summary of Proprietor(s) Lot 1 DP 912511**

### **Year**

### **Proprietor(s)**

	<b>(Lot 1 DP 912511)</b>	
14 Dec 2021 – todate	481 Swift Street Pty Ltd ( <i>ACN 654 611 140</i> )	T
30 Sep 2020	Audrey Angela Hopkins	TA
12 Sep 1990	Amien Allan Abikhair, shopkeeper	
	<b>(Part Allotment 20 Section 24 Town Albury – Area 24 ¼ Perches – CTVol 1030 Fol 159)</b>	
15 Apr 1980	Amien Allan Abikhair, shopkeeper	TA
12 Nov 1954	Shefia Abikhair, widow	T
05 Oct 1954	Mary Adeline Dallinger, married woman Dorothy Margaret Webster, married woman	TA
19 Mar 1937	Henry Adams, grazier	T
06 Nov 1931	Bessie Bernice Pervin, wife of Sidney Theodore Pervin, farmer	T
28 Sep 1891	John Henry Berry, carpenter	T

\*\*\*\*

**Note 2:**

**Current Search**

Folio Identifier 20/780123 (title attached)

DP 780123 (plan attached)

Dated 28<sup>th</sup> September, 2023

Registered Proprietor:

**481 SWIFT STREET PTY LTD** (*ACN 654 611 140*)

**Title Tree**  
**Lot 20 DP 780123**

Folio Identifier 20/780123

Certificate of Title Volume 1031 Folio 28

\*\*\*\*

**Index**

T – Transfer

(L) – *Lease*

TA – Transmission Application

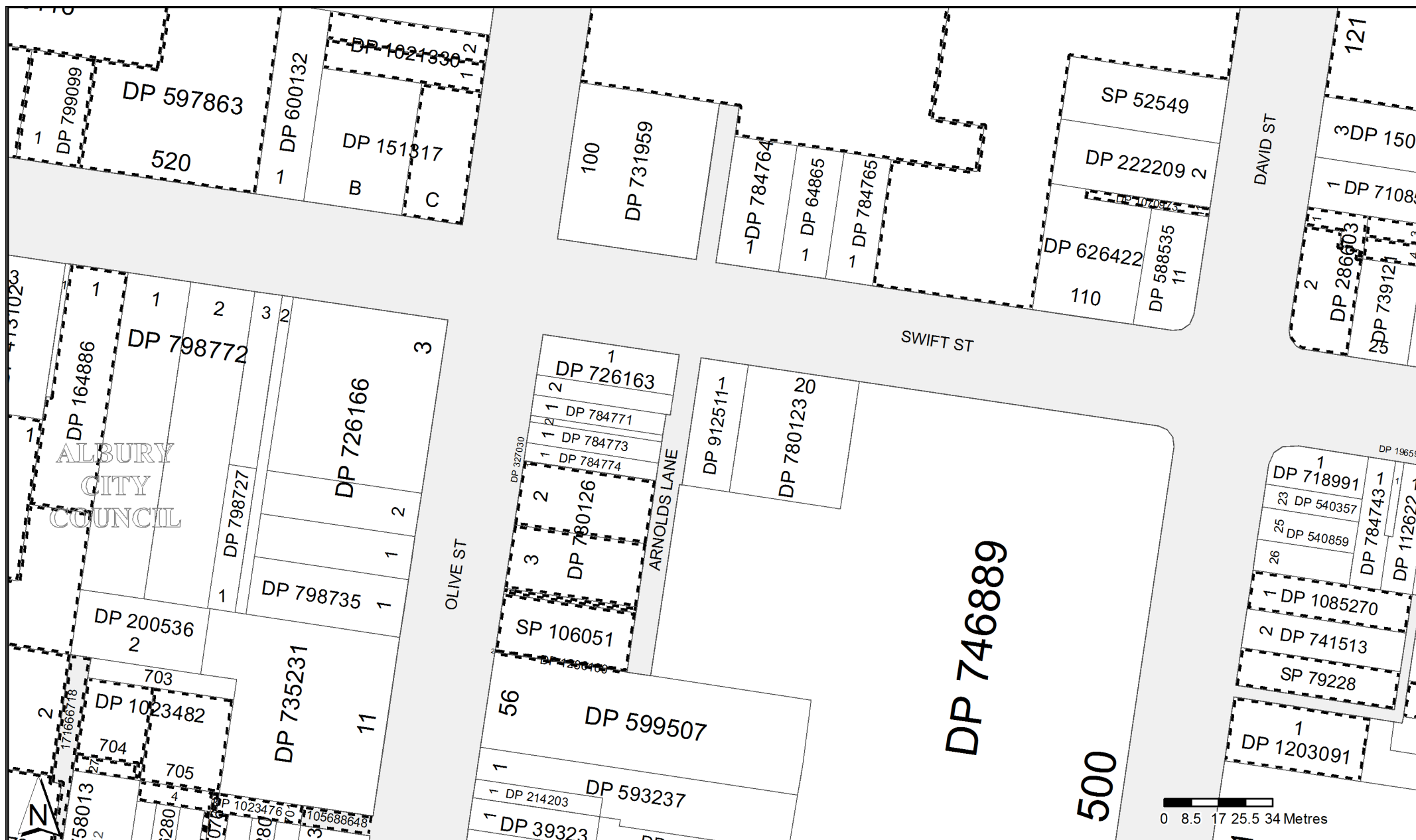
\*\*\*\*






















## Summary of Proprietor(s) Lot 20 DP 780123
































Year	Proprietor(s)	
	<b>(Lot 20 DP 780123)</b>	
14 Dec 2021 – todate	481 Swift Street Pty Ltd ( <i>ACN 654 611 140</i> )	T
30 Sep 2020	Audrey Angela Hopkins	TA
14 Mar 2001	Allan Douglas Abikhair	TA
03 Nov 1998	Allan Douglas Abikhair Amien Allan Abikhair	TA
05 Oct 1990	Walter Saad Abikhair Amien Allan Abikhair	
<i>(05 Oct 1990 todate)</i>	<i>(various leases shown on Historical Folio 20/780123 (attached))</i>	<i>(L)</i>
	<b>(Part Allotment 20 Section 24 Town Albury – Area 1 Rood 15 ¾ Perches – CTVol 1031 Fol 28)</b>	
14 Nov 1988	Walter Saad Abikhair Amien Allan Abikhair	T
02 Dec 1987	Walter Saad Abikhair	TA
15 Apr 1980	Thelma Abikhair, shopkeeper	T
11 Jan 1927	Saad Abikhair, draper	T
30 Jul 1925	Reginald Joseph Day, builder Eliza Morgan, wife of Frederick William Morgan	TA
03 Jan 1908	William Day	T
03 Jan 1908	James Kavanagh, gentleman Charles Joseph McDonell, solicitor	TA
01 Oct 1891	George Day, member of the legislative council	

\*\*\*\*
















	Status	Surv/Comp	Purpose
DP151317 Lot(s): C			
 DP1021330	REGISTERED	SURVEY	SUBDIVISION
DP164886 Lot(s): 1			
 DP1126754	REGISTERED	SURVEY	SUBDIVISION
DP286603 Lot(s): 1, 2, 3, 4			
 DP739121	HISTORICAL	SURVEY	SUBDIVISION
DP597863 Lot(s): 520			
 DP1204932	PRE-ALLOCATED	UNAVAILABLE	REDEFINITION
DP726167 Lot(s): 3			
 CA94023 - LOT 3 DP726167			
DP758013 Lot(s): 27 Section : 12			
 DP1203068	REGISTERED	SURVEY	EASEMENT
 NSW GAZ. 11-12-2015 Folio : 4060 ACQUIRED FOR THE PURPOSES OF THE ELECTRICITY SUPPLY ACT, 1995 EASEMENT FOR UNDERGROUND POWERLINES 1, 2, 3.1 WIDE AND VARIABLE DESIGNATED (E1) SHOWN IN DP1203068 AFFECTING LOT 27 SECTION 12 DP758013, LOTS 704-705 DP1023482 AND LOT 4 DP1154076			
DP780126 Lot(s): 2, 3, 4			
 DP1279204	REGISTERED	SURVEY	REDEFINITION
DP799099 Lot(s): 1			
 CA98099 - LOT 1 DP799099			
DP803782 Lot(s): 10			
 DP1121159	REGISTERED	SURVEY	EASEMENT
DP1021330 Lot(s): 1, 2			
 DP151317	HISTORICAL	SURVEY	UNRESEARCHED
DP1023476 Lot(s): 701			
 DP1192255	WITHDRAWN	UNAVAILABLE	EASEMENT
 DP1203068	REGISTERED	SURVEY	EASEMENT
DP1023482 Lot(s): 704, 705			
 DP1192255	WITHDRAWN	UNAVAILABLE	EASEMENT
 DP1203068	REGISTERED	SURVEY	EASEMENT
 NSW GAZ. 11-12-2015 Folio : 4060 ACQUIRED FOR THE PURPOSES OF THE ELECTRICITY SUPPLY ACT, 1995 EASEMENT FOR UNDERGROUND POWERLINES 1, 2, 3.1 WIDE AND VARIABLE DESIGNATED (E1) SHOWN IN DP1203068 AFFECTING LOT 27 SECTION 12 DP758013, LOTS 704-705 DP1023482 AND LOT 4 DP1154076			
Lot(s): 705			
 NSW GAZ. 11-12-2015 Folio : 4060 ACQUIRED FOR THE PURPOSES OF THE ELECTRICITY SUPPLY ACT, 1995 EASEMENT FOR MULTI-PURPOSE ELECTRICAL INSTALLATION 2 AND 4.2 WIDE DESIGNATED (E2) SHOWN IN DP1203068 AFFECTING LOT 705 DP1023482			
DP1070973 Lot(s): 11			
 UNCONVERTIBLE OLD SYSTEM LAND. FEE IS COMPRISED WITHIN A CONVEYANCE PRIOR TO BOOK 2493 NO. 854. TITLE CREATION WILL REQUIRE A DEPOSITED PLAN OF SURVEY AND A PRIMARY APPLICATION BASED UPON ADVERSE POSSESSION			
DP1085270 Lot(s): 1			
 DP784744	HISTORICAL	COMPILATION	DEPARTMENTAL

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

	Status	Surv/Comp	Purpose
DP1090460			
Lot(s): 1, 2			
 DP851834	HISTORICAL	SURVEY	SUBDIVISION
 DP867640	HISTORICAL	SURVEY	CONSOLIDATION
DP1116416			
Lot(s): 111			
 DP221309	HISTORICAL	SURVEY	OLD SYSTEM CONVERSION
 DP588519	HISTORICAL	SURVEY	OLD SYSTEM CONVERSION
 DP1121159	REGISTERED	SURVEY	EASEMENT
DP1154076			
Lot(s): 3, 4			
 DP1023476	HISTORICAL	COMPILATION	DEPARTMENTAL
 DP1192255	WITHDRAWN	UNAVAILABLE	EASEMENT
 DP1203068	REGISTERED	SURVEY	EASEMENT
Lot(s): 1, 2			
 DP976280	HISTORICAL	COMPILATION	UNRESEARCHED
Lot(s): 4			
 NSW GAZ.	11-12-2015	Folio : 4060	
ACQUIRED FOR THE PURPOSES OF THE ELECTRICITY SUPPLY ACT, 1995			
EASEMENT FOR UNDERGROUND POWERLINES 1, 2, 3.1 WIDE AND VARIABLE DESIGNATED (E1) SHOWN IN			
DP1203068 AFFECTING LOT 27 SECTION 12 DP758013, LOTS 704-705 DP1023482 AND LOT 4 DP1154076			
DP1201033			
Lot(s): 3			
 DP1182344	HISTORICAL	SURVEY	REDEFINITION
DP1203091			
Lot(s): 1			
 DP784746	HISTORICAL	COMPILATION	DEPARTMENTAL
 CA120901 - LOTS 1-2 DP784746			
DP1208373			
Lot(s): 1			
 DP758013	HISTORICAL	COMPILATION	CROWN ADMIN NO.
 DP911787	HISTORICAL	COMPILATION	UNRESEARCHED
 DP1169423	HISTORICAL	COMPILATION	LIMITED FOLIO CREATION
 DP1182344	HISTORICAL	SURVEY	REDEFINITION
 DP1186377	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
 DP1201033	HISTORICAL	SURVEY	ROADS ACT, 1993
 NSW GAZ.	24-02-1978	Folio : 673	
NOTIFICATION OF VESTING OF LANDS IN PURSUANCE OF THE PROVISIONS OF SECTION 37AAA OF THE CROWN			
LANDS CONSOLIDATION ACT 1913 BEING LOT 25 SECTION 12 DP758013			
 NSW GAZ.	24-02-1978	Folio : 672	
NOTIFICATION OF VESTING OF LANDS IN PURSUANCE OF THE PROVISIONS OF SECTION 37AAA OF THE CROWN			
LANDS CONSOLIDATION ACT 1913 BEING LAND ADJOINING LOT 25 SECTION 12 DP758013			
 CA160387 - LOT 25 DP1169423			
 PA83095 - LOT 4 DP1182344			
 NSW GAZ.	20-02-2015	Folio : 420	
CLOSED ROAD			
LOTS 1-2 DP1201033 - SEE AJ305883			
DP1212602			
Lot(s): 121			
 DP150487	HISTORICAL	SURVEY	UNRESEARCHED
 DP770232	HISTORICAL	COMPILATION	DEPARTMENTAL
DP1214142			
Lot(s): 2			
 DP723884	HISTORICAL	COMPILATION	DEPARTMENTAL
DP1219398			
Lot(s): 1, 2			
 DP164886	HISTORICAL	SURVEY	UNRESEARCHED
 DP758013	HISTORICAL	COMPILATION	CROWN ADMIN NO.
 DP849897	HISTORICAL	SURVEY	SUBDIVISION
 DP1126754	HISTORICAL	SURVEY	SUBDIVISION

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	Status	Surv/Comp	Purpose
DP1286100			
Lot(s): 2			
 DP780127	HISTORICAL	COMPILATION	DEPARTMENTAL
 DP938433	HISTORICAL	COMPILATION	UNRESEARCHED
 DP1279204	HISTORICAL	SURVEY	REDEFINITION
 SP105642	WITHDRAWN	UNAVAILABLE	STRATA PLAN
Road			
Polygon Id(s): 171666718			
 PA83095 - LOT 4 DP1182344			
SP79228			
 DP784745	HISTORICAL	COMPILATION	DEPARTMENTAL
 DP1108498	HISTORICAL	SURVEY	DELIMITATION
 PA82341 - LOT 100 DP1108498			
SP106051			
 DP780127	HISTORICAL	COMPILATION	DEPARTMENTAL
 DP938433	HISTORICAL	COMPILATION	UNRESEARCHED
 DP1279204	HISTORICAL	SURVEY	REDEFINITION
 DP1286100	HISTORICAL	SURVEY	SUBDIVISION
Road			
Polygon Id(s): 105688648			
 NSW GAZ.	18-10-2013	Folio : 4545	
TRANSFER OF CROWN ROAD TO COUNCIL			

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



Plan	Surv/Comp	Purpose
DP39323	SURVEY	UNRESEARCHED
DP64865	SURVEY	UNRESEARCHED
DP112622	COMPILATION	DEPARTMENTAL
DP150487	SURVEY	UNRESEARCHED
DP151317	SURVEY	UNRESEARCHED
DP164886	SURVEY	UNRESEARCHED
DP196595	COMPILATION	DEPARTMENTAL
DP200536	SURVEY	SUBDIVISION
DP214203	SURVEY	SUBDIVISION
DP222209	SURVEY	SUBDIVISION
DP286603	SURVEY	NEIGHBOURHOOD PLAN
DP286603	UNRESEARCHED	NEIGHBOURHOOD PLAN
DP327030	SURVEY	UNRESEARCHED
DP413102	SURVEY	UNRESEARCHED
DP540357	SURVEY	SUBDIVISION
DP540859	SURVEY	SUBDIVISION
DP588535	COMPILATION	SUBDIVISION
DP593237	SURVEY	OLD SYSTEM CONVERSION
DP597863	COMPILATION	CONSOLIDATION
DP599507	SURVEY	REDEFINITION
DP600132	SURVEY	OLD SYSTEM CONVERSION
DP626422	SURVEY	OLD SYSTEM CONVERSION
DP710857	COMPILATION	DEPARTMENTAL
DP718991	COMPILATION	SUBDIVISION
DP726163	COMPILATION	SUBDIVISION
DP726166	COMPILATION	SUBDIVISION
DP726167	COMPILATION	SUBDIVISION
DP731959	SURVEY	OLD SYSTEM CONVERSION
DP735231	COMPILATION	RESUMPTION OR ACQUISITION
DP739121	SURVEY	SUBDIVISION
DP741513	COMPILATION	DEPARTMENTAL
DP746889	SURVEY	SUBDIVISION
DP758013	COMPILATION	CROWN ADMIN NO.
DP770027	COMPILATION	DEPARTMENTAL
DP770555	COMPILATION	DEPARTMENTAL
DP779136	COMPILATION	DEPARTMENTAL
DP780123	COMPILATION	DEPARTMENTAL
DP780126	COMPILATION	DEPARTMENTAL
DP784743	COMPILATION	DEPARTMENTAL
DP784763	COMPILATION	DEPARTMENTAL
DP784764	COMPILATION	DEPARTMENTAL
DP784765	COMPILATION	DEPARTMENTAL
DP784771	COMPILATION	DEPARTMENTAL
DP784773	COMPILATION	DEPARTMENTAL
DP784774	COMPILATION	DEPARTMENTAL
DP786068	SURVEY	OLD SYSTEM CONVERSION
DP798727	COMPILATION	DEPARTMENTAL
DP798735	COMPILATION	DEPARTMENTAL
DP798772	COMPILATION	DEPARTMENTAL
DP799099	COMPILATION	DEPARTMENTAL
DP802326	COMPILATION	CONSOLIDATION
DP803782	SURVEY	OLD SYSTEM CONVERSION
DP839083	COMPILATION	CONSOLIDATION
DP912511	COMPILATION	UNRESEARCHED
DP976280	COMPILATION	UNRESEARCHED
DP1021330	SURVEY	SUBDIVISION
DP1023476	COMPILATION	DEPARTMENTAL
DP1023482	COMPILATION	DEPARTMENTAL
DP1070973	COMPILATION	DEPARTMENTAL
DP1085270	SURVEY	DELIMITATION
DP1090460	SURVEY	SUBDIVISION
DP1116416	SURVEY	CONSOLIDATION
DP1154076	SURVEY	CROWN FOLIO CREATION
DP1203091	SURVEY	CONSOLIDATION
DP1208373	SURVEY	CONSOLIDATION

**Caution:** This information is provided as a searching aid only. Whilst every endeavour is made to ensure that current map, plan and titling information is accurately reflected, the Registrar General cannot guarantee the information provided. For **ALL**

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

Plan	Surv/Comp	Purpose
DP1212602	SURVEY	CONSOLIDATION
DP1212602	UNRESEARCHED	CONSOLIDATION
DP1214142	SURVEY	SUBDIVISION
DP1214142	UNRESEARCHED	SUBDIVISION
DP1219398	SURVEY	SUBDIVISION
DP1286100	SURVEY	SUBDIVISION
DP1286100	UNRESEARCHED	SUBDIVISION
SP52549	COMPILATION	STRATA PLAN
SP79228	COMPILATION	STRATA PLAN
SP106051	COMPILATION	STRATA PLAN
SP106051	UNRESEARCHED	STRATA PLAN

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

Form: 97-03TA

TRANSMISSION

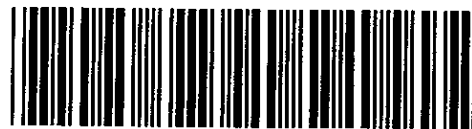
5371606L

Licence: 026CN/0528/96

APPLICATION

New South Wales

Section 93 Real Property Act 1900



Instructions for filling out this form are available from the Land Titles Office

Office of State Revenue use only	
OFFICE OF STATE REVENUE	(N.S.W. TREASURY)
CLIENT No. 23622	STAMP No. 23
STAMP DUTY \$10.00	SIGNATURE <i>W. Evans</i>
TRANSACTION No. 983906	DATE 24-9-98
ASSESSMENT DETAILS: PW	

(A) LAND

Show no more than 20 titles.

③ de

Certificate of Title Volume 1031 Folio 28 ✓  
 Certificate of Title Volume 2605 Folio 124 ✓  
 Folio Identifier 1/784977 ✓  
 Folio Identifier 1/726175 ✓  
 Folio Identifier 2/726175 ✓  
 Folio Identifier 2/155368 ✓  
 Certificate of Title Volume 3451 Folio 44 ✓  
 Certificate of Title Volume 3451 Folio 47 ✓

For updates see annexure

(B) REGISTERED DEALING

If applicable.

--

(C) LODGED BY

LTO Box <b>35D</b>	Name, Address or DX and Telephone MORRIS, HAYES & EDGAR LAW STATIONERS 74 CASTLEREAGH ST., SYDNEY DX 420 REFERENCE (15 character maximum): 8866194 Belbridge
-----------------------	---

(D) DECEASED REGISTERED PROPRIETOR WALTER SAAD ABIKHAIR

(E) APPLICANT

<b>T A</b>	ALLAN DOUGLAS ABIKHAIR
----------------	------------------------

(F) I, the Applicant, being entitled as Devisee of the Will of the Deceased Registered Proprietor (who died on 29 October 1997) pursuant to Probate No. 108216/98 granted on 11 June 1998 to myself Allan Douglas Abikhair, apply to be registered as proprietor of the estate or interest of the Deceased Registered Proprietor in the land specified above.

(G) Certified correct for the purposes of the Real Property Act 1900. DATE 21 September 1998

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

*[Signature]*

Signature of Witness

W.H.F. McLACHLAN

A SOLICITOR OF THE SUPREME COURT

OF NEW SOUTH WALES  
 Name of Witness (BLOCK LETTERS)

Address of Witness

Pbfc STR ✓  
*[Signature]*

CT SIGNATURE  
 CANCELLED

*Allan Douglas Abikhair*

Signature of Applicant

*[Signature]*

## TITLE REFERENCE UPDATE ANNEXURE

Dealing Number ..... 5371606

TITLE REFERENCE	NOW BEING
1031-28	20/780123
2605-124	2605-124 Autolendool
3451-44	9/13/758866
3451-47	10/4/758866

Lodger Details

Lodger Code 500691  
 Name KEATING AVERY SOLICITORS PTY LTD  
 KEATING AVERY SOLICITORS  
 Address 72 HIGH ST  
 WODONGA 3690  
 Lodger Box 1W  
 Phone  
 Email  
 Reference AMA:HOPKINS2002

For Office Use Only

AQ431243

TRANSMISSION APPLICATION

Jurisdiction NEW SOUTH WALES

Duty Assessment 9901020-001

Privacy Collection Statement

Section 31B of the Real Property Act 1900 (RP Act) authorises the Registrar General to collect the information required by this form for the establishment and maintenance of the Real Property Act Register. Section 96B RP Act requires that the Register is made available to any person for search upon payment of a fee, if any.

Land Title Reference

2/32562  
 2/726175  
 2/784771  
 20/780123  
 3/32562  
 1/1179470  
 1/912511  
 1/726175  
 2/155368  
 1/784771  
 1/726163  
 2/726163

Deceased Registered Proprietor

Given Name(s) ALLAN DOUGLAS  
 Family Name ABIKHAIR  
 Date of Death 2020-01-02  
 Pursuant to Probate No. 2020/119094  
 Granted on 2020-06-11

Applicant

Given Name(s) AUDREY ANGELA  
 Family Name(s) HOPKINS  
 Capacity BENEFICIARY  
 Tenancy SOLE PROPRIETOR

The Applicant applies to be registered as proprietor of the Estate of the deceased registered proprietor as specified in this Instrument.

Consent of Executor, Administrator or Trustee

Given Name(s) AUDREY ANGELA HOPKINS  
 Capacity EXECUTOR

The Subscriber confirms: Written consent to this Application has been obtained from the executor of the will/administrator of the estate/trustee of the estate of the deceased registered proprietor.

APPLICANT EXECUTION

The Certifier has taken reasonable steps to verify the identity of the applicant.  
 The Certifier holds a properly completed Client Authorisation for the Conveyancing Transaction including this Registry Instrument or Document.  
 The Certifier has retained the evidence supporting this Registry Instrument or Document.  
 The Certifier has taken reasonable steps to ensure that this Registry Instrument or Document is correct and compliant with relevant legislation and any Prescribed Requirement.

Executed on behalf of AUDREY ANGELA HOPKINS  
 Signer Name DAVID MICHAEL AVERY  
 Signer Organisation KEATING AVERY SOLICITORS PTY LTD  
 Signer Role PRACTITIONER CERTIFIER  
 Execution Date 29/09/2020





System Document Identification

Land Registry Document Identification

Form Number:01T-e  
Template Number:t\_nsw18  
ELN Document ID:758582939  
ELN NOS ID:758582941

TRANSFER  
New South Wales  
Real Property Act 1900

AR721290

Stamp Duty: 10231417-001

PRIVACY NOTE: Section 31B of the Real Property Act 1900 (RP Act) authorises the Registrar General to collect the information required by this form for the establishment and maintenance of the Real Property Act Register. Section 96B RP Act requires that the Register is made available to any person for search upon payment of a fee, if any.

LODGED BY:

Responsible Subscriber: JAMES G SLOAN ABN 92729285709  
Address: L 3, 553 Kiewa ST  
Albury 2640  
Email: james.sloan@jgs.com.au  
ELNO Subscriber Number: 19079  
Customer Account Number: 502045B  
Document Collection Box: 1W  
Client Reference: 481 SWIFT 7350

LAND TITLE REFERENCE

1/912511

TRANSFEROR

AUDREY ANGELA HOPKINS

TRANSFeree

481 SWIFT STREET PTY LTD ACN 654611140  
Registered company  
Tenancy: Sole Proprietor

CONSIDERATION

The transferor acknowledges receipt of the consideration of \$846,000.00

ESTATE TRANSFERRED

FEE SIMPLE

The Transferor transfers to the Transferee the Estate specified in this Instrument and acknowledges receipt of any Consideration shown.

SIGNING FOR TRANSFEROR

I certify that:

- 1. The Certifier has taken reasonable steps to ensure that this Registry Instrument or Document is correct and compliant with relevant legislation and any Prescribed Requirement.
- 2. The Certifier has retained the evidence supporting this Registry Instrument or Document.
- 3. The Certifier holds a properly completed Client Authorisation for the Conveyancing Transaction including this Registry Instrument or Document.
- 4. The Certifier has taken reasonable steps to verify the identity of the transferor or his, her or its administrator or attorney.

Party Represented by Subscriber:

AUDREY ANGELA HOPKINS

Signed By: Valda Joy Gordon  
ELNO Signer Number: 8134

Signer Capacity:Practitioner Certifier  
Digital Signing Certificate Number:

Signed for  
Subscriber: KEATING AVERY SOLICITORS PTY LTD ABN 32169673509  
KEATING AVERY SOLICITORS PTY LTD  
KEATING AVERY SOLICITORS

**Subscriber Capacity:**Representative Subscriber

**ELNO Subscriber Number:** 3127

**Customer Account Number:**500691

**Date:** 14/12/2021

## **SIGNING FOR TRANSFeree**

I certify that:

1. The Certifier has taken reasonable steps to ensure that this Registry Instrument or Document is correct and compliant with relevant legislation and any Prescribed Requirement.
2. The Certifier has retained the evidence supporting this Registry Instrument or Document.
3. The Certifier holds a properly completed Client Authorisation for the Conveyancing Transaction including this Registry Instrument or Document.
4. The Certifier has taken reasonable steps to verify the identity of the transferee or his, her or its administrator or attorney.

### **Party Represented by Subscriber:**

481 SWIFT STREET PTY LTD

**Signed By:**James Gordon Sloan

**Signer Capacity:**Practitioner Certifier

**ELNO Signer Number:** 44162

**Digital Signing Certificate Number:**

**Signed for  
Subscriber:**

JAMES GORDON SLOAN ABN 92729285709

JAMES G SLOAN

**Subscriber Capacity:**Representative Subscriber

**ELNO Subscriber Number:** 19079

**Customer Account Number:**502045

**Date:** 14/12/2021

AMENDMENTS AND/OR ADDITIONS MADE ON PLAN IN THE LAND TITLES OFFICE		10 20 30 40 50 60 70 Table of mm 110 120 130 140									
This negative is a photograph made as a permanent record of a document in the custody of the Registrar General this day. 21st July, 1988											

<p>PLAN OF THE RESIDUE OF ALLOTMENT 20 OF SECTION 24 AFTER TRANSFER NO. 181484 BEING THE LAND COMPRISED IN CERTIFICATE OF TITLE VOL. 1031 FOL. 28</p> <p>ALBURY Murr./Shire/City</p> <p>ALBURY Town or Locality</p> <p>ALBURY Parish</p> <p>County GOULBURN</p> <p>Reduction Ratio 1:400</p> <p>Lengths are in metres</p>		<p>D. P. 780123</p> <p>Registered: 22-6-1988</p> <p>C.A.: TORRENS</p> <p>Title System: DEPARTMENTAL</p> <p>Purpose: #</p> <p>Ref. Map: L9105-29-064</p> <p>Last Plan:</p>	
NOOTIDIB		3	

SWIFT ST

D. P. 746889

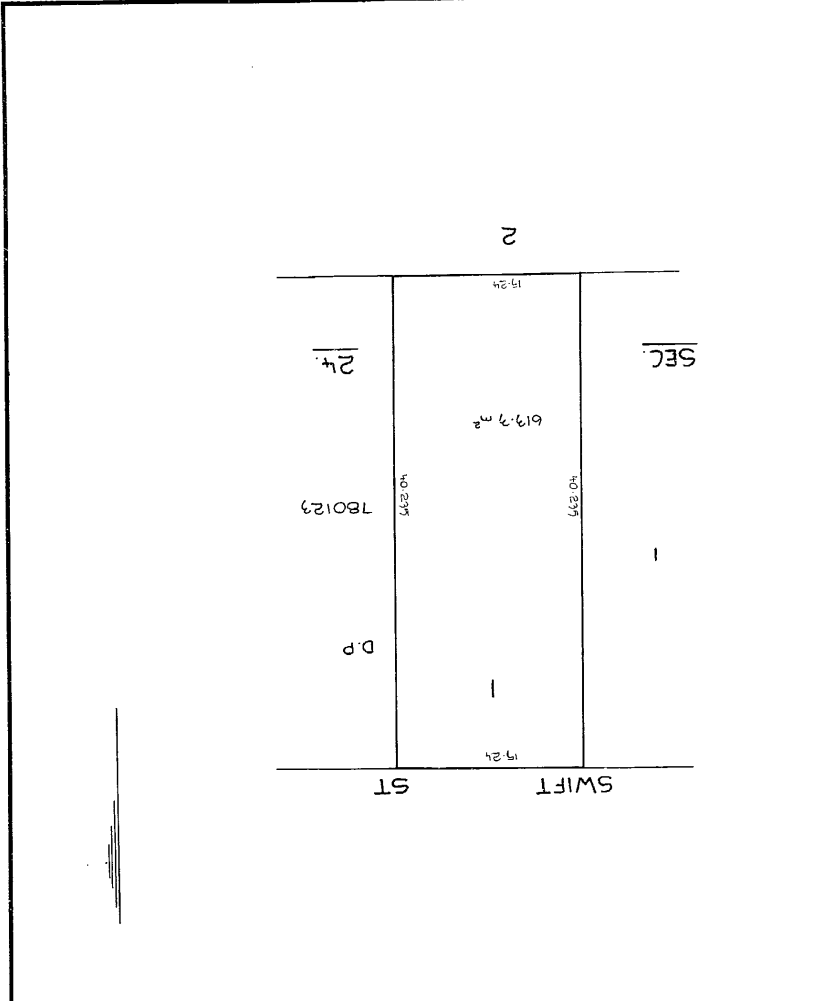
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This negative is a photograph made as a permanent record of a document in the custody of the Registrar General this day. 21st September, 1988										70 Table of mm 140 130 120 110 100 90 80 70 60 50 40 30 20 10									
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PLAN OF LAND IN TRANSFER No 184484		Registered:		C.A.:		Title System: <u>TORRENS</u>		Purpose: <u>DEPARTMENTAL</u>		Ref. Map:		Last Plan:	
Mun./Shire/City:		Town or Locality:		Parish: <u>ALBURY</u>		County: <u>GOULBURN</u>		Reduction Ratio 1:700				Lengths are in metres	
													
N 0 0 1 0 0 2 B													

Transfer .....  
 Underwritten .....  
 Certificate .....  
 Amount on Grant .....  
 YES SIMPLE.

MEMORANDUM OF TRANSFER  
(26 VICTORIA No. 6.)

(20 VICTORIA Ave., D.)

184-1304



being registered as the proprietor of an *Utside in fee simple* in the land herewith described, situate, however, in such circumstances, terms and interests, as are notified by memorandum underwritten or endorsed hereon,—in consideration of *£100,000*—

John Henry Brown of a Henry Ford  
paid to me by.

the receipt whereof I hereby acknowledge, do hereby transfer to the said

At the my Estate and Interest, as such registered proprietor, in All that piece of land containing  
1 Acre 1 Rood and a Quarter, situate near the  
vicarage of the town and parish of Allby and (formerly  
situate in) the County of Lincoln

bearing  
 dated  
 Folio's  
 14 m. hand of last notation in the  
 fol. from a narrow strip  
 184.134.  
 F.P. 912.511

9/25/11

## Stacking

I, Jack Hayward Watson, Registrar General, certify that this negative is a photograph made as a permanent record of an instrument in my custody this 16th day of April 1969.

Janakiram





NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

28/9/2023 7:41AM

FOLIO: 1/912511

First Title(s): VOL 322 FOL 235  
Prior Title(s): VOL 1030 FOL 159

Recorded	Number	Type of Instrument	C.T. Issue
12/9/1990		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
4/4/2001	7520152	DEPARTMENTAL DEALING	EDITION 1
30/1/2008	AD731073	DEPARTMENTAL DEALING	
30/9/2020	AQ431243	TRANSMISSION APPLICATION (DEWISEE,BENEFICIARY,NEXT OF KIN)	EDITION 2
14/12/2021	AR721290	TRANSFER	EDITION 3

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

advlegs

PRINTED ON 28/9/2023



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

28/9/2023 7:41AM

FOLIO: 20/780123

First Title(s): VOL 322 FOL 235

Prior Title(s): VOL 1031 FOL 28

Recorded	Number	Type of Instrument	C.T. Issue
27/6/1988	DP780123	DEPOSITED PLAN	LOT RECORDED FOLIO NOT CREATED
5/10/1990	DP780123	DEPOSITED PLAN	FOLIO CREATED CT NOT ISSUED
8/10/1990		AMENDMENT: VOL FOL INDEX	
3/11/1998	5371606	TRANSMISSION APPLICATION	EDITION 1
14/3/2001	7472269	TRANSMISSION APPLICATION	EDITION 2
30/9/2015	AJ854611	LEASE	EDITION 3
30/9/2020	AQ431243	TRANSMISSION APPLICATION (DEWISEE, BENEFICIARY, NEXT OF KIN)	EDITION 4
14/12/2021	AR721294	TRANSFER	EDITION 5

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

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PRINTED ON 28/9/2023



NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 1/912511

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SEARCH DATE	TIME	EDITION NO	DATE
-----	----	-----	----
28/9/2023	7:41 AM	3	14/12/2021

LAND

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LOT 1 IN DEPOSITED PLAN 912511  
AT ALBURY  
LOCAL GOVERNMENT AREA ALBURY CITY  
PARISH OF ALBURY COUNTY OF GOULBURN  
TITLE DIAGRAM DP912511

FIRST SCHEDULE

-----

481 SWIFT STREET PTY LTD (T AR721290)

SECOND SCHEDULE (1 NOTIFICATION)

-----

1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)

NOTATIONS

-----

UNREGISTERED DEALINGS: NIL

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

advlegs

PRINTED ON 28/9/2023



NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 20/780123

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SEARCH DATE	TIME	EDITION NO	DATE
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28/9/2023	7:41 AM	5	14/12/2021

LAND

----

LOT 20 IN DEPOSITED PLAN 780123  
AT ALBURY  
LOCAL GOVERNMENT AREA ALBURY CITY  
PARISH OF ALBURY COUNTY OF GOULBURN  
TITLE DIAGRAM DP780123

FIRST SCHEDULE

-----

481 SWIFT STREET PTY LTD (T AR721294)

SECOND SCHEDULE (1 NOTIFICATION)

-----

1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)

NOTATIONS

-----

UNREGISTERED DEALINGS: NIL

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

advlegs

PRINTED ON 28/9/2023

# Planning Certificate Section 10.7(2)



Certificate Number: 40462

Date Issued: 29/09/2023

## Applicant Details:

Patricia Rosalind Jones  
16 Richmond Drive  
THURGOONA NSW 2640

Applicant Reference: JE10406 - 487  
Parcel Number: 22965

## Property Details:

Title Details: LOT: 1 DP: 912511  
Property Address: 487 Swift Street ALBURY NSW 2640

Section 209 and Schedule 2 to the Environmental Planning and Assessment Regulation 2021,  
issued under the Environmental Planning and Assessment Act 1979 (Act)

## 1. Names of relevant planning instruments and development control plans

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

### **Albury Local Environmental Plan 2010 (Gazetted 13/8/2010)**

The consolidated Albury Local Environmental Plan 2010 is the principal statutory planning instrument to guide planning decisions for the Albury Local Government area.

An electronic version is available at: <https://legislation.nsw.gov.au/view/html/inforce/current/epi-2010-0433#statusinformation>

### **Albury Development Control Plan 2010 (Adopted 13/08/2010)**

The Albury Development Control Plan 2010 contains detailed planning controls that set out the guidelines and considerations against which development proposals can be consistently measured and assessed for determination purposes for the Albury Local Government Area.

An electronic version is available at: <https://www.alburycity.nsw.gov.au/property/plan/planning-controls/albury-development-control-plan-2010>

### **State Environmental Planning Policies**

Full copies of each State Environmental Planning Policy are available online at NSW Legislation website: <https://legislation.nsw.gov.au/browse/inforce#/epi/title/s>

State Environmental Planning Policy No.65 (Design Quality of Residential Apartment Development) 2002

State Environmental Planning Policy (BASIX) 2004

State Environmental Planning Policy (Exempt and Complying Development) 2008

State Environmental Planning Policy (Housing) 2021

State Environmental Planning Policy (Transport and Infrastructure) 2021

State Environmental Planning Policy (Primary Production) 2021

State Environmental Planning Policy (Biodiversity and Conservation) 2021

State Environmental Planning Policy (Resilience and Hazards) 2021

State Environmental Planning Policy (Industry and Employment) 2021

State Environmental Planning Policy (Resources and Energy) 2021

State Environmental Planning Policy (Planning Systems) 2021

State Environmental Planning Policy (Precincts – Regional) 2021

# Planning Certificate Section 10.7(2)



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

## **Planning Proposal - Albury Conservation Zoned Lands Review**

This Planning Proposal seeks to implement Conservation Zone amendments (proposed additions or removal) informed by an ecological assessment. A map of the proposed changes is available to view at the following webpage <https://www.haveyoursay.alburycity.nsw.gov.au/conservation-zoned-lands-review>

The proposed changes primarily address mapping anomalies where zoning does not line up with property boundaries or does not reflect environmental attributes on the ground. Public exhibition closed on 1 February 2023 and submissions received are now being considered. The outcomes of this process is to be reported to Council in mid to late 2023.

- (3) Subsection (2) does not apply in relation to a proposed environmental planning instrument or draft development control plan if:
- (a) It has been more than 3 years since the end of the public exhibition period for the proposed instrument or draft plan, or
  - (b) for a proposed environmental planning instrument – the Planning Secretary has notified the council that the making of the proposed instrument has been deferred indefinitely or has not been approved.

- (4) In this section:

**proposed environmental planning instrument** means a draft environmental planning instrument and includes a planning proposal for a local environment plan.

## **2. Zoning and land use under relevant planning instruments**

*The following matters for each environmental planning instrument or draft environmental planning instrument that includes the land in a zone, however described:*

- (a) the identity of the zone, whether by reference to:
- (i) a name such as “Residential Zone” or “Heritage Area”, or
  - (ii) a number (such as “Zone No 2 (a)”,

**Zone: E2 - Commercial Centre Zone**

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

**Refer to Appendix A**

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

**All permitted development (construction and/or use) in this zone requires approval (development consent or complying development certificate) unless it is permitted without consent or, if listed as Exempt Development in State Environmental Planning Policy (Exempt & Complying Development Codes) 2008 or where relevant in Clause 3.1 of Albury LEP 2010 (Refer to Appendix A). The demolition of all houses and most buildings or structures on the land require development consent unless it is Exempt Development.**

- (iii) is prohibited

**Refer to Appendix A**

- (c) whether additional permitted uses apply to the land

**None apply**

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

**Note: No minimum lot size has been assigned to the subject land.**



# Planning Certificate Section 10.7(2)



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

**None apply**

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

**None apply**

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

**This land is occupied by a Heritage Item and is subject to the planning provisions of clause 5.10 - Heritage Conservation of the Albury Local Environmental Plan 2010 and Part 7 Albury Development Control Plan 2010 (Heritage Conservation). Any demolition, subdivision or alteration (including exterior painting) of buildings or land or other similar works will require development consent.**

## 3. Contributions plans

- (1) *The name of each contribution plan under the Act, Division 7.1 applying to the land, including draft contribution plans:*

**Section 94 Development Servicing Plan**, March 2005 as amended. This plan details charges to be levied on development, lodged prior to 30 June 2014.

**Section 64 Development Servicing Plan**, July 2004 as amended. This plan details charges to be levied on development, lodged prior to 30 June 2014.

**Albury Infrastructure Contributions Plan 2014**. This plan details the Local Infrastructure Contributions, including Section 64 contributions, Section 7.11 (formerly Section 94) contributions or Section 7.12 (formerly Section 94A contributions), to be levied on development and complying development lodged from 1 July 2014, to meet the cost of new and upgraded Local Infrastructure, Water and Wastewater Management Works. The *Albury Infrastructure Contributions Plan 2014* is available to view on Council's website: <https://www.alburycity.nsw.gov.au>

- (2) If the land is in a special contributions area under the Act, Division 7.1, the name of the area:

**None apply**

## 4. Complying development

- (1) If the land is land on which complying development may be carried out under each of the complying development codes under *State Environment Planning Policy (Exempt and Complying Development Codes) 2008*, because of that Policy, clause 1.17A (1) (c) to (e), (2), (3) or (4), 1.18 (1) (c3) and 1.19.
- (2) If complying development may not be carried out on the land because of 1 of those clauses, the reason why it may not be carried out under the clause.
- (3) If the council does not have sufficient information to ascertain the extent to which complying development may or may not be carried out on the land, a statement that:
- (a) a restriction applies to the land, but it may not apply to all of the land, and
  - (b) the council does not have sufficient information to ascertain the extent to which complying development may or may not be carried out on the land.
- (4) If the complying development codes are varied, under that Policy, clause 1.12, in relation to the land.

**Does this apply to the land?**

### Housing Code

Complying Development may not be carried out under the Housing Code as the subject land falls within a Local Environmental Plan zone that does not meet the requirements of the code.

### Rural Housing Code

Complying Development may not be carried out under the Rural Housing Code as the subject land falls within a Local Environmental Plan zone that does not meet the requirements of the code.

**Low Rise Housing Diversity Code**

Complying Development may not be carried out under the Low Rise Housing Diversity Code as the subject land falls within a Local Environmental Plan zone that does not meet the requirements of the code.

**Greenfield Housing Code**

Complying Development may not be carried out under the Greenfield Housing Code as the subject land is not within the designated Greenfield Housing Code Area.

**Inland Code**

Complying Development may not be carried out under the Inland Code as the subject land falls within a Local Environmental Plan zone that does not meet the requirements of the code.

**Housing Alterations Code**

Complying Development under the Housing Alterations Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**General Development Code**

Complying Development under the General Development Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**Demolition Code**

Complying Development under the Demolition Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**Commercial and Industrial Alterations Code**

Complying Development under the Commercial and Industrial Alterations Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**Container Recycling Facilities Code**

Complying Development under the Container Recycling Facilities Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**Subdivision Code**

Complying Development under the Subdivision Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**Commercial and Industrial (New Building and Additions) Code**

Complying Development under the Commercial & Industrial (New Buildings and Additions) Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**Fire Safety Code**

Complying Development under the Fire Safety Code must not be carried out on the land as the land is identified as heritage listed by an environmental planning instrument.

**Note:** Despite any references above advising that Complying Development may be undertaken on the land, certain Complying Development may be precluded from occurring on the land due to requirements contained in the remainder of State Environment Planning Policy (Exempt and Complying Development Codes) 2008. It is necessary to review the State Environment Planning Policy in detail to ensure that specific types of complying development may be undertaken on the land.

## 5. Exempt Development

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

# Planning Certificate Section 10.7(2)



- (2) If exempt development may not be carried out on the land because of 1 of those clauses, the reasons why it may not be carried out under the clause.
- (3) If the council does not have sufficient information to ascertain the extent to which exempt development may or may not be carried out on the land, a statement that:
  - (a) a restriction applies to the land, but it may not apply to all of the land, and
  - (b) the council does not have sufficient information to ascertain the extent to which exempt development may or may not be carried out on the land.
- (4) If the exempt development codes are varied, under that Policy, clause 1.12, in relation to that land.

## **Does this apply to the land?**

There is no land within the Albury local government area identified:

1.16(1)(b1) as a declared area of outstanding biodiversity value under the Biodiversity Conservation Act 2016 <https://legislation.nsw.gov.au/view/html/inforce/current/act-2016-063>, or

declared critical habitat under Part 7A of the Fisheries Management Act 1994 <https://legislation.nsw.gov.au/view/html/inforce/current/act-1994-038>, and

1.16(1)(b2) as, or part of, a wilderness area (within the meaning of Wilderness Act 1987 <https://legislation.nsw.gov.au/view/html/inforce/current/act-1987-196>), and

1.16(1)(d) described or otherwise identified on a map specified in Schedule 4 – Land excluded from the General Exempt Development Code.

1.16A within 18 kilometres of Siding Spring Observatory.

**Note:** Despite any references above advising that Exempt Development may be undertaken on the land, certain Exempt Development may be precluded from occurring on the land due to requirements contained in the remainder of State Environment Planning Policy (Exempt and Complying Development Codes) 2008. It is necessary to review the State Environment Planning Policy in detail to ensure that specific types of exempt development may be undertaken on the land

## **6. Affected building notices and building product rectification order**

- (1) Whether the council is aware that:
  - (a) an affected building notice is in force in relation to the land, or
  - (b) a building product rectification order is in force in relation to the land that has not been fully complied with, or
  - (c) a notice of intention to make a building product rectification order given in relation to the land is outstanding.

## **Does this apply to the land?**

None that council is aware of

- (2) In this section:

**Affected building notice** has the same meaning as in the Building Products (Safety) Act 2017, Part 4.

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

## **7. Land reserved for acquisition**

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

## **Does this apply to the land?**

None apply

## **8. Road widening and road realignment**

- (1) Whether the land is affected by road widening or road realignment under:
  - (a) the Roads Act 1993, Part 3, Division 2, or
  - (b) an environmental planning instrument, or

- (c) a resolution of the council.

**Does this apply to the land?**

The land is not in close proximity to the ring road.

The land is not affected by road widening or road re-alignment under Division 2 or Part 3 of the Roads Act 1993 or a resolution by Albury City Council.

## 9. Flood related development controls information

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

**Does this apply to the land?**

None apply

- (3) In this section:

**flood planning area** has the same meaning as in the Floodplain Development Manual.

**Floodplain Development Manual** means the *Floodplain Development Manual* (ISBN 0 7347 5476 0) published by the NSW Government in April 2005.

**probable maximum flood** has the same meaning as in the Floodplain Development Manual.

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

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

**Contaminated Land Policy:**

The council has adopted by resolution a policy on contaminated land which may restrict the development of the land. This policy is implemented when zoning or land use changes are proposed on lands which have previously been used for certain purposes. Consideration of council's adopted policy and the application of provisions under relevant State legislation is warranted.

- (2) In this section:

**adopted policy** means a policy adopted:

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

## 11. Bush fire prone land

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

**Does this apply to the land?**

None apply

## 12. Loose-fill asbestos insulation

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

**Does this apply to the land?**

None apply

## 13. Mine subsidence

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

**Does this apply to the land?**

This land is not proclaimed to be a mine subsidence district within the meaning of the Coal Mine Subsidence Compensation Act 2017.

## 14. Paper subdivision information

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

**Does this apply to the land?**

None apply

## 15. Property vegetation plans

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

**Does this apply to the land?**

None apply

## 16. Biodiversity stewardship sites

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

**Does this apply to the land?**

None that council is aware of

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

## 17. Biodiversity certified land

If the land is biodiversity certified land under the Biodiversity Conservation Act 2016, Part 8, a statement to that effect.

**Does this apply to the land?**

Yes, applies. The Minister of Climate Change and the Environment has by Order Conferring biodiversity certification on the Albury Local Environmental Plan 2010 (except where amended by Biodiversity Certification of Environmental Planning Instruments Order 2017 dated 21 November 2017) conferred Biodiversity Certification on the subject land on 16 February 2011. Biodiversity Certification takes effect from the date of publication of this Order in the Government Gazette, being 25 February 2011, and following extension on 15 February 2021, shall remain in force for a period of up to five years, expiring on 24 February 2026.

Note: Biodiversity certified land includes land certified under the Threatened Species Conservation Act 1995, Part 7AA that are taken to be certified under the Biodiversity Conservation Act 2016, Part 8.

## 18. Orders under *Trees (Disputes Between Neighbours) Act 2006*

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

**Does this apply to the land?**

None that council is aware of

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

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

**Does this apply to the land?**

None apply

- (2) In this section:

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

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

**20. Western Sydney Aerotropolis**

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

- (a) in an ANEF or ANEC contour of 20 or greater, as referred to in that Chapter, section 4.17, or
- (b) shown on the Lighting Intensity and Wind Shear Map, or
- (c) shown on the Obstacle Limitation Surface Map, or
- (d) in the “public safety area” on the Public Safety Area Map, or
- (e) in the “3 kilometre wildlife buffer zone” or the “13 Kilometre wildlife buffer zone” on the Wildlife Buffer Zone Map.

**Does this apply to the land?**

None apply

**21. Development consent conditions for seniors housing**

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

**Does this apply to the land?**

None that council is aware of

**22. Site compatibility certificates and development consent conditions for affordable rental housing**

- (1) Whether there is a current site compatibility certificate under State Environmental Planning Policy (Housing) 2021, or a former site compatibility certificate, of which the council is aware, in relation to proposed development on the land and, if there is a certificate:

- (a) the period for which the certificate is current, and
- (b) that a copy may be obtained from the Department.

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

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

**Does this apply to the land?**

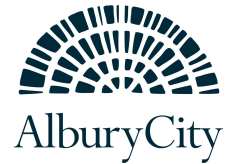
None that council is aware of

- (4) In this section:

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



# Planning Certificate Section 10.7(2)



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

- (a) that the land to which the certificate relates is significantly contaminated land within the meaning of that Act-if the land (or part of the land) is significantly contaminated land at the date when the certificate is issued,  
**None apply**
- (b) that the land to which the certificate relates is subject to a management order within the meaning of that Act-if it is subject to such an order at the date when the certificate is issued,  
**None apply**
- (c) that the land to which the certificate relates is the subject of an approved voluntary management proposal within the meaning of that Act-if it is the subject of such an approved proposal at the date when the certificate is issued,  
**None apply**
- (d) that the land to which the certificate relates is subject to an ongoing maintenance order within the meaning of that Act-if it is subject to such an order at the date when the certificate is issued,  
**None apply**
- (e) that the land to which the certificate relates is the subject of a site audit statement within the meaning of that Act-if a copy of such a statement has been provided at any time to the local authority issuing the certificate.  
**None apply**

## NOTATIONS:

### Threatened Species

None apply

### Other Development Constraints

#### Floor Space Ratio

This land is subject to specific floor space ratio controls and the Planning Provisions of clause 4.4 - Floor Space Ratio and clause 4.5 - Calculation of floor space ratio and site area of Albury Local Environmental Plan 2010 and Part 10 of Albury Development Control Plan 2010 if located within a Residential Zone or Part 11 of Albury Development Control Plan 2010 if located within a Commercial Zone.

#### Height of Buildings

This land is subject to specific building height controls and the Planning Provisions of clause 4.3 - Height of Buildings - Albury Local Environmental Plan 2010 and Part 10 of Albury Development Control Plan 2010 if located within a Residential Zone, or Part 11 of Albury Development Control Plan 2010 if located within a Commercial Zone.

State Environmental Planning Policy (Biodiversity and Conservation) 2021 - Chapter 5 'River Murray lands' (formerly Murray Regional Environmental Plan No 2 - Riverine Land) applies to this land.

## GENERAL COMMENTS

See Appendix A for the objectives of the zones affecting the subject land.

Planning Instruments and the *Albury Development Control Plan 2010* impose various restrictions on the use of the land which are not attributable to the zoning or reservation of the land.

*Albury Development Control Plan 2010* complements the provisions of *Albury Local Environmental Plan 2010* and contains the detailed planning provisions relating to development standards and guidelines which will be considered by Council when assessing a development application.

The above information has been taken from the Council's records but Council cannot accept responsibility for any omission or inaccuracy.

The provisions of any covenant, agreement or instrument applying to this land purporting to restrict or prohibit certain development may be inconsistent with the provisions of a *Regional Environmental Plan*, *State Environmental Planning Policy*, *Albury Local Environmental Plan 2010* or *Albury Development Control Plan 2010*. In these circumstances any such covenant, agreement or instrument may be overwritten under clause 1.9A of the *Albury Local Environmental Plan 2010*.



David Christy

**Service Leader City Development**

**Infrastructure, Planning and Environment**

### E2 COMMERCIAL CENTRE ZONE

#### Land Use Table

##### 1. Objectives of zone

- To strengthen the role of the commercial centre as the centre of business, retail, community and cultural activity.
- To encourage investment in commercial development that generates employment opportunities and economic growth.
- To encourage development that has a high level of accessibility and amenity, particularly for pedestrians.
- To enable residential development that is consistent with the Council's strategic planning for residential development in the area.
- To ensure that new development provides diverse and active street frontages to attract pedestrian traffic and to contribute to vibrant, diverse and functional streets and public spaces.
- To increase the permanent population within the commercial cores by encouraging the development of shop top housing and mixed use developments.

##### 2. Permitted without consent

Home-based child care Home occupations

##### 3. Permitted with consent

Amusement centres Artisan food and drink industries Backpackers' accommodation Building identification signs Business identification signs Centre-based child care facilities Commercial premises Community facilities Creative industries Educational establishments Entertainment facilities Function centres Home businesses Home industries Hotel or motel accommodation Information and education facilities Local distribution premises Medical centres Mortuaries Oyster aquaculture Passenger transport facilities Places of public worship Recreation areas Recreation facilities (indoor) Recreation facilities (outdoor) Registered clubs Respite day care centres Restricted premises Roads Tank-based aquaculture Vehicle repair stations Veterinary hospitals Any other development not specified in item 2 or 4

##### 4. Prohibited

Agriculture Air transport facilities Airstrips Animal boarding or training establishments Bed and breakfast accommodation Camping grounds Caravan parks Correctional centres Crematoria Depots Eco-tourist facilities Electricity generating works Exhibition homes Exhibition villages Extractive industries Farm buildings Farm stay accommodation Forestry Freight transport facilities Heavy industrial storage establishments Home occupations (sex services) Industrial retail outlets Industrial training facilities Industries Marinas Mooring pens Open cut mining Recreation facilities (major) Research stations Residential accommodation Rural industries Sewerage systems Sex services premises Storage

# Planning Certificate Section 10.7(2)



premises Truck depots Vehicle body repair workshops Warehouse or distribution centres Waste or resource management facilities Wharf or boating facilities

## **Development in the E2 Commercial Centre Zone**

*State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* (Codes SEPP) and Clause 3.1 of the Albury LEP 2010 allows certain types of development, known as “Exempt Development” to be undertaken generally without development consent on the subject property. Please visit the NSW Planning Portal for more information <https://www.planningportal.nsw.gov.au/>.



## **Appendix D - Bore Logs**



## SOIL LOG SB1

<b>PROJECT NUMBER</b> JE10406	<b>DRILLING DATE</b> 12/10/2023	<b>COORDINATES (Eastings)</b> 55 H 492765.07 m E
<b>PROJECT NAME</b> Preliminary Soil Investigation	<b>TOTAL DEPTH</b> 3.5	<b>COORDINATES (Northings)</b> 6007253.35 m S
<b>CLIENT</b> Joss	<b>DIAMETER</b> 100	<b>COORD SYS</b> UTM
<b>ADDRESS</b> 481-487 Sift St, Albury, NSW		<b>COMPLETION</b> 12/10/2023
		<b>SURFACE ELEVATION</b> 150




















**LOGGED BY** RJ  
**CHECKED BY** PJ

PID	Samples	Analysed	Drilling Method	Depth (m)	Graphic Log	Moisture	Material Description	Additional Observations	Elevation (m)
0.2	SB1_0.0-0.2	Y	SS	0.2		M	Gravel: Grey/White/Blue, fine to medium grained	FILL: Bricks	149.8
				0.4					149.6
0.1	SB1_0.5-0.7	Y		0.6			Sandy CLAY: Brown, low plasticity, sand fine grained with traces of silt	NATURAL:	149.4
				0.8					149.2
0.0	SB1_1.0-1.2	N		1.0			Silty CLAY: Brown/Orange, low to medium plasticity		149.0
				1.2					148.8
				1.4			Sandy CLAY: Light Brown, low plasticity, sand fine grained, traces of silt		148.6
				1.6					148.4
				1.8					148.2
0.1	SB1_2.0-2.2	N		2.0					148.0
				2.2					147.8
				2.4			CLAYEY Sand: Light Brown, sand fine grained, low plasticity, traces of silt		147.6
				2.6					147.4
				2.8					147.2
0.0	SB1_3.0-3.2			3.0					147.0
				3.2					146.8
0.0	SB1_3.5	Y		3.4					146.6
				3.6			Termination Depth at: 3.5 m		146.4
				3.8					146.2

## SOIL LOG SB2

<b>PROJECT NUMBER</b> JE10406	<b>DRILLING DATE</b> 12/10/2023	<b>COORDINATES (Eastings)</b> 55 H 492767.30 m E
<b>PROJECT NAME</b> Preliminary Soil Investigation	<b>TOTAL DEPTH</b> 3.5	<b>COORDINATES (Northings)</b> 6007236.41 m S
<b>CLIENT</b> Joss	<b>DIAMETER</b> 100	<b>COORD SYS</b> UTM
<b>ADDRESS</b> 481-487 Sift St, Albury, NSW		<b>COMPLETION</b> 12/10/2023
		<b>SURFACE ELEVATION</b> 150

**LOGGED BY** RJ  
**CHECKED BY** PJ

PID	Samples	Analysed	Drilling Method	Depth (m)	Graphic Log	Moisture	Material Description	Additional Observations	Elevation (m)
0.2	SB2_0.0-0.2	Y	SS	0.2		M	Sandy CLAY: Dark Brown, sand fine grained with silt	FILL:	149.8
				0.4					149.6
0.2	SB2_0.5-0.7	Y		0.6			Sandy CLAY: Brown, low plasticity, sand fine grained with traces of silt	NATURAL:	149.4
				0.8					149.2
0.1	SB2_1.0-1.2	N		1.0			Silty CLAY: Brown/Orange, low to medium plasticity		149
				1.2			Sandy CLAY: Light Brown, low plasticity, sand fine grained, traces of silt		148.8
				1.4					148.6
				1.6					148.4
				1.8					148.2
0.1	SB2_2.0-2.2	N		2.0			CLAYEY Sand: Light Brown, sand fine grained, low plasticity, traces of silt		148
				2.2			Silty CLAY: Light Brown, low to medium plasticity		147.8
				2.4					147.6
				2.6					147.4
				2.8					147.2
0.0	SB2_3.0-3.2	Y		3.0					147
				3.2					146.8
0.0	SB2_3.5	N		3.4					146.6
				3.6			Termination Depth at: 3.5 m		146.4
				3.8					146.2

## SOIL LOG SB3

<b>PROJECT NUMBER</b> JE10406	<b>DRILLING DATE</b> 12/10/2023	<b>COORDINATES (Eastings)</b> 55 H 492767.17 m E
<b>PROJECT NAME</b> Preliminary Soil Investigation	<b>TOTAL DEPTH</b> 3.5	<b>COORDINATES (Northings)</b> 6007227.45 m S
<b>CLIENT</b> Joss	<b>DIAMETER</b> 100	<b>COORD SYS</b> UTM
<b>ADDRESS</b> 481-487 Sift St, Albury, NSW		<b>COMPLETION</b> 12/10/2023
		<b>SURFACE ELEVATION</b> 150

**LOGGED BY** RJ  
**CHECKED BY** PJ

PID	Samples	Analysed	Drilling Method	Depth (m)	Graphic Log	Moisture	Material Description	Additional Observations	Elevation (m)
0.3	SB3_0.0-0.2	Y	SS			M	Sandy CLAY: Dark Brown, sand fine grained with silt	FILL:	
				0.2					149.8
				0.4					149.6
0.1	SB3_0.5-0.7	N		0.6			Sandy CLAY: Brown, low plasticity, sand fine grained with traces of silt	NATURAL:	149.4
				0.8					149.2
0.2	SB3_1.0-1.2	N		1			Silty CLAY: Brown/Orange, low to medium plasticity		149
				1.2			Sandy CLAY: Light Brown, low plasticity, sand fine grained, traces of silt		148.8
				1.4					148.6
				1.6					148.4
				1.8					148.2
0.1	SB3_2.0-2.2	Y		2					148
				2.2			CLAYEY Sand: Light Brown, sand fine grained, low plasticity, traces of silt		147.8
				2.4					147.6
				2.6					147.4
				2.8					147.2
0.0	SB3_3.0-3.2	N		3					147
				3.2					146.8
0.0	SB3_3.5	N		3.4					146.6
				3.6			Termination Depth at: 3.5 m		146.4
				3.8					146.2

## SOIL LOG SB4

<b>PROJECT NUMBER</b> JE10406	<b>DRILLING DATE</b> 12/10/2023	<b>COORDINATES (Eastings)</b> 55 H 492744.10 m E
<b>PROJECT NAME</b> Preliminary Soil Investigation	<b>TOTAL DEPTH</b> 3.5	<b>COORDINATES (Northings)</b> 6007230.15 m S
<b>CLIENT</b> Joss	<b>DIAMETER</b> 100	<b>COORD SYS</b> UTM
<b>ADDRESS</b> 481-487 Sift St, Albury, NSW		<b>COMPLETION</b> 12/10/2023
		<b>SURFACE ELEVATION</b> 150



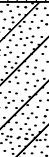


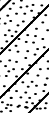
**LOGGED BY** RJ  
**CHECKED BY** PJ

PID	Samples	Analysed	Drilling Method	Depth (m)	Graphic Log	Moisture	Material Description	Additional Observations	Elevation (m)
0.1	SB4_0.0-0.2	Y	SS	0.0		M	Gravel: Grey, Medium to coarse grained	FILL: Bricks Charcoal	149.8
				0.2			Silty CLAY: Brown/Red, medium plasticity		149.6
				0.4					149.4
0.1	SB4_0.5-0.7	N		0.6					149.2
				0.8					149.0
0.1	SB4_1.0-1.2	N		1.0			Sandy CLAY: Orange/Brown, medium plasticity, sand fine grained	NATURAL:	148.8
				1.2					148.6
				1.4					148.4
				1.6					148.2
				1.8					148.0
0.1	SB4_2.0-2.2	Y		2.0			Sandy CLAY: Brown, low to medium plasticity, sand fine to medium grained, traces of silt		147.8
				2.2					147.6
				2.4					147.4
				2.6					147.2
				2.8			Silty CLAY: Yellow/Brown, low plasticity		147.0
0.0	SB4_3.0-3.2	N		3.0					146.8
				3.2			Sandy CLAY: Yellow/Brown, low plasticity, sand fine grained		146.6
0.0	SB4_3.5	Y		3.4					146.4
				3.6			Termination Depth at: 3.5 m		146.2
				3.8					146.0

## SOIL LOG SB5

<b>PROJECT NUMBER</b> JE10406 <b>PROJECT NAME</b> Preliminary Soil Investigation <b>CLIENT</b> Joss <b>ADDRESS</b> 481-487 Sift St, Albury, NSW	<b>DRILLING DATE</b> 12/10/2023 <b>TOTAL DEPTH</b> 3.5 <b>DIAMETER</b> 100	<b>COORDINATES (Eastings)</b> 55 H 492731.27 m E <b>COORDINATES (Northings)</b> 6007247.88 m S <b>COORD SYS</b> UTM <b>COMPLETION</b> 12/10/2023 <b>SURFACE ELEVATION</b> 150
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**LOGGED BY** RJ  
**CHECKED BY** PJ

PID	Samples	Analysed	Drilling Method	Depth (m)	Graphic Log	Moisture	Material Description	Additional Observations	Elevation (m)
0.2	SB5_0.0-0.2	Y	SS	0.2		M	Sandy CLAY: Dark Brown, low to plasticity, traces of silt	FILL:	149.8
				0.4					149.6
0.1	SB5_0.5-0.7	Y		0.6			Silty CLAY: Yellow/Brown, medium plasticity	NATURAL:	149.4
				0.8			Sandy CLAY: Orange/Brown, medium plasticity, sand fine grained		149.2
0.2	SB5_1.0-1.2	N		1.0					149.0
				1.2					148.8
				1.4					148.6
				1.6					148.4
				1.8			Sandy CLAY: Brown, low to medium plasticity, sand fine to medium grained, traces of silt		148.2
0.1	SB5_2.0-2.2	Y		2.0					148.0
				2.2					147.8
				2.4					147.6
				2.6					147.4
				2.8			Silty CLAY: Yellow/Brown, low plasticity		147.2
0.0	SB5_3.0-3.2	N		3.0					147.0
				3.2			Sandy CLAY: Yellow/Brown, low plasticity, sand fine grained		146.8
0.0	SB5_3.5	Y		3.4					146.6
				3.6			Termination Depth at: 3.5 m		146.4
				3.8					146.2





## **Appendix E - Calibration Certificates**

## EQUIPMENT QUALITY REPORT

### PID Calibration

The equipment has been issued as follows:

☒ Equipment is clean      ☒ Pump and battery voltage check      Cal. gas expiry date: Aug-2025

Calibration Results			
Parameter	Standard	Result	
Fresh Air	0.0 ppm		0.1 ppm
Isobutylene	100 ppm		99 ppm

Date: 12/10/2023

Calibrated by: PJ



## **Appendix F - Laboratory Reports**



## CERTIFICATE OF ANALYSIS

Work Order	: EM2318328	Page	: 1 of 20
Client	: Jones Environmental	Laboratory	: Environmental Division Melbourne
Contact	: PATRICIA JONES	Contact	: Hannah White
Address	: 497 Parnall Street Lavington Lavington 2641	Address	: 4 Westall Rd Springvale VIC Australia 3171
Telephone	: ----	Telephone	: +61-3-8549 9600
Project	: JE10406	Date Samples Received	: 13-Oct-2023 12:10
Order number	: ----	Date Analysis Commenced	: 16-Oct-2023
C-O-C number	: ----	Issue Date	: 23-Oct-2023 16:39
Sampler	: RJ		
Site	: ----		
Quote number	: EN/222		
No. of samples received	: 47		
No. of samples analysed	: 20		



Accreditation No. 825  
Accredited for compliance with  
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Descriptive Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

### Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
Dilani Fernando	Laboratory Coordinator	Melbourne Inorganics, Springvale, VIC
Nancy Wang	2IC Organic Chemist	Melbourne Inorganics, Springvale, VIC
Nancy Wang	2IC Organic Chemist	Melbourne Organics, Springvale, VIC
Tim Kuo	Approved Asbestos Identifier	Melbourne Asbestos, Springvale, VIC



## General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contract for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.  
LOR = Limit of reporting  
^ = This result is computed from individual analyte detections at or above the level of reporting  
ø = ALS is not NATA accredited for these tests.  
~ = Indicates an estimated value.

- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) per the NEPM (2013) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a,h)anthracene (1.0), Benzo(g,h,i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP080: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP068: Where reported, Total Chlordane (sum) is the sum of the reported concentrations of cis-Chlordane and trans-Chlordane at or above the LOR.
- EP068: Where reported, Total OCP is the sum of the reported concentrations of all Organochlorine Pesticides at or above LOR.
- EP074: Where reported, Total Trihalomethanes is the sum of the reported concentrations of all Trihalomethanes at or above the LOR.
- EP074: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP074: Where reported, Sum of chlorinated hydrocarbons includes carbon tetrachloride, chlorobenzene, chloroform, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, 1,2,4-trichlorobenzene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethene, vinyl chloride, hexachlorobutadiene and methylene chloride.
- EP074: Where reported, Total Trimethylbenzenes is the sum of the reported concentrations of 1.2.3-Trimethylbenzene, 1.2.4-Trimethylbenzene and 1.3.5-Trimethylbenzene at or above the LOR.
- EP075(SIM): Where reported, Total Cresol is the sum of the reported concentrations of 2-Methylphenol and 3- & 4-Methylphenol at or above the LOR.
- EK028SF: EM2318228 #5, Poor matrix spike recovery for WAD cyanide due to sample matrix.
- EG048: EM2318271 #3, Poor matrix spike recovery for hexavalent chromium due to sample matrix.
- EA200 'Am' Amosite (brown asbestos)
- EA200 'Cr' Crocidolite (blue asbestos)
- EA200 'Trace' - Asbestos fibres ("Free Fibres") detected by trace analysis per AS4964. The result can be interpreted that the sample contains detectable 'respirable' asbestos fibres
- EA200: Asbestos Identification Samples were analysed by Polarised Light Microscopy including dispersion staining.
- EA200 Legend
- EA200 'Ch' Chrysotile (white asbestos)
- EA200: 'UMF' Unknown Mineral Fibres. "-" indicates fibres detected may or may not be asbestos fibres. Confirmation by alternative techniques is recommended.
- EA200: For samples larger than 30g, the <2mm fraction may be sub-sampled prior to trace analysis as outlined in ISO23909:2008(E) Sect 6.3.2-2
- EA200: 'Yes' - Asbestos detected by polarised light microscopy including dispersion staining.





- EA200: 'No\*' - No asbestos found, at the reporting limit of 0.1g/kg, by polarised light microscopy including dispersion staining. Asbestos material was detected and positively identified at concentrations estimated to be below 0.1g/kg.
- EA200: 'No' - No asbestos found at the reporting limit 0.1g/kg, by polarised light microscopy including dispersion staining.



## Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	SS1	SS2	SS3	QC1	SB1_0.0-0.2
Sampling date / time					12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00
Compound	CAS Number	LOR	Unit		EM2318328-001	EM2318328-002	EM2318328-003	EM2318328-004	EM2318328-005
					Result	Result	Result	Result	Result
<b>EA055: Moisture Content (Dried @ 105-110°C)</b>									
Moisture Content	----	1.0	%		27.6	17.4	10.6	14.7	14.6
<b>EA200: AS 4964 - 2004 Identification of Asbestos in Soils</b>									
Asbestos Detected	1332-21-4	0.1	g/kg		----	----	----	----	No
Asbestos (Trace)	1332-21-4	-	-		----	----	----	----	No
Asbestos Type	1332-21-4	-	--		----	----	----	----	-
Synthetic Mineral Fibre	----	-	--		----	----	----	----	Yes
Organic Fibre	----	-	--		----	----	----	----	Yes
Sample weight (dry)	----	0.01	g		----	----	----	----	50.4
APPROVED IDENTIFIER:	----	-	--		----	----	----	----	T. KUO
<b>EG005(ED093)T: Total Metals by ICP-AES</b>									
Arsenic	7440-38-2	5	mg/kg		<5	10	<5	<5	6
Beryllium	7440-41-7	1	mg/kg		----	----	----	----	<1
Cadmium	7440-43-9	1	mg/kg		<1	<1	<1	<1	<1
Chromium	7440-47-3	2	mg/kg		14	18	7	18	----
Copper	7440-50-8	5	mg/kg		25	27	9	13	----
Lead	7439-92-1	5	mg/kg		200	1160	967	157	110
Molybdenum	7439-98-7	2	mg/kg		----	----	----	----	<2
Nickel	7440-02-0	2	mg/kg		8	7	3	8	8
Selenium	7782-49-2	5	mg/kg		----	----	----	----	<5
Silver	7440-22-4	2	mg/kg		----	----	----	----	<2
Zinc	7440-66-6	5	mg/kg		273	394	789	92	----
<b>EG035T: Total Recoverable Mercury by FIMS</b>									
Mercury	7439-97-6	0.1	mg/kg		0.2	0.9	<0.1	<0.1	0.2
<b>EG048: Hexavalent Chromium (Alkaline Digest)</b>									
Hexavalent Chromium	18540-29-9	0.5	mg/kg		----	----	----	----	<0.5
<b>EK026SF: Total CN by Segmented Flow Analyser</b>									
Total Cyanide	57-12-5	1	mg/kg		----	----	----	----	<1
<b>EK028SF: Weak Acid Dissociable CN by Segmented Flow Analyser</b>									
Weak Acid Dissociable Cyanide	----	1	mg/kg		----	----	----	----	<1
<b>EK040T: Fluoride Total</b>									
Fluoride	16984-48-8	40	mg/kg		----	----	----	----	140
<b>EP066: Polychlorinated Biphenyls (PCB)</b>									
Total Polychlorinated biphenyls	----	0.1	mg/kg		----	----	----	----	<0.1



## Analytical Results

Sub-Matrix: SOIL  
 (Matrix: SOIL)

Sample ID

				SS1	SS2	SS3	QC1	SB1_0.0-0.2
Sampling date / time				12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00
Compound	CAS Number	LOR	Unit	EM2318328-001	EM2318328-002	EM2318328-003	EM2318328-004	EM2318328-005
				Result	Result	Result	Result	Result
<b>EP068A: Organochlorine Pesticides (OC)</b>								
alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
gamma-BHC	58-89-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
^ Total Chlordane (sum)	----	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Dieldrin	60-57-1	0.05	mg/kg	<0.05	<b>0.29</b>	<b>0.24</b>	<0.05	<0.05
4,4'-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
^ Endosulfan (sum)	115-29-7	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
4,4'-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
4,4'-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	----
^ Sum of Aldrin + Dieldrin	309-00-2/60-57-1	0.05	mg/kg	<0.05	<b>0.29</b>	<b>0.24</b>	<0.05	----
^ Sum of DDD + DDE + DDT	72-54-8/72-55-9/50-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
<b>EP068B: Organophosphorus Pesticides (OP)</b>								
Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	----
Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	----
Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----



## Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	SS1	SS2	SS3	QC1	SB1_0.0-0.2
Sampling date / time					12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00
Compound	CAS Number	LOR	Unit		EM2318328-001	EM2318328-002	EM2318328-003	EM2318328-004	EM2318328-005
					Result	Result	Result	Result	Result
<b>EP068B: Organophosphorus Pesticides (OP) - Continued</b>									
Fenthion	55-38-9	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Chlorpyrifos	2921-88-2	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	<0.05
Parathion	56-38-2	0.2	mg/kg		<0.2	<0.2	<0.2	<0.2	----
Pirimphos-ethyl	23505-41-1	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Chlorfenvinphos	470-90-6	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Bromophos-ethyl	4824-78-6	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Fenamiphos	22224-92-6	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Prothiofos	34643-46-4	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Ethion	563-12-2	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Carbophenothion	786-19-6	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Azinphos Methyl	86-50-0	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
<b>EP071 SG: Total Recoverable Hydrocarbons - NEPM 2013 Fractions - Silica gel cleanup</b>									
>C10 - C16 Fraction	----	50	mg/kg		----	----	----	----	<50
>C16 - C34 Fraction	----	100	mg/kg		----	----	----	----	<100
>C34 - C40 Fraction	----	100	mg/kg		----	----	----	----	<100
^ >C10 - C40 Fraction (sum)	----	50	mg/kg		----	----	----	----	<50
<b>EP071 SG-S: Total Petroleum Hydrocarbons in Soil - Silica gel cleanup</b>									
C10 - C14 Fraction	----	50	mg/kg		----	----	----	----	<50
C15 - C28 Fraction	----	100	mg/kg		----	----	----	----	<100
C29 - C36 Fraction	----	100	mg/kg		----	----	----	----	<100
^ C10 - C36 Fraction (sum)	----	50	mg/kg		----	----	----	----	<50
<b>EP074A: Monocyclic Aromatic Hydrocarbons</b>									
Benzene	71-43-2	0.2	mg/kg		----	----	----	----	<0.2
Toluene	108-88-3	0.5	mg/kg		----	----	----	----	<0.5
Ethylbenzene	100-41-4	0.5	mg/kg		----	----	----	----	<0.5
meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg		----	----	----	----	<0.5
Styrene	100-42-5	0.5	mg/kg		----	----	----	----	<0.5
ortho-Xylene	95-47-6	0.5	mg/kg		----	----	----	----	<0.5
<b>EP074B: Oxygenated Compounds</b>									
2-Butanone (MEK)	78-93-3	5	mg/kg		----	----	----	----	<5
<b>EP074E: Halogenated Aliphatic Compounds</b>									
Vinyl chloride	75-01-4	4	mg/kg		----	----	----	----	<4
1,1-Dichloroethene	75-35-4	0.5	mg/kg		----	----	----	----	<0.5
Methylene chloride	75-09-2	0.5	mg/kg		----	----	----	----	<0.5



## Analytical Results

Sub-Matrix: SOIL  
 (Matrix: SOIL)

Sample ID

				SS1	SS2	SS3	QC4	SB1_0.0-0.2
Sampling date / time				12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00
Compound	CAS Number	LOR	Unit	EM2318328-001	EM2318328-002	EM2318328-003	EM2318328-004	EM2318328-005
				Result	Result	Result	Result	Result
<b>EP074E: Halogenated Aliphatic Compounds - Continued</b>								
1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	----	----	----	----	<0.5
Carbon Tetrachloride	56-23-5	0.5	mg/kg	----	----	----	----	<0.5
1.2-Dichloroethane	107-06-2	0.5	mg/kg	----	----	----	----	<0.5
Trichloroethene	79-01-6	0.5	mg/kg	----	----	----	----	<0.5
1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	----	----	----	----	<0.5
Tetrachloroethene	127-18-4	0.5	mg/kg	----	----	----	----	<0.5
1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	----	----	----	----	<0.5
1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	----	----	----	----	<0.5
<b>EP074F: Halogenated Aromatic Compounds</b>								
Chlorobenzene	108-90-7	0.5	mg/kg	----	----	----	----	<0.5
<b>EP074G: Trihalomethanes</b>								
Chloroform	67-66-3	0.5	mg/kg	----	----	----	----	<0.5
<b>EP075(SIM)A: Phenolic Compounds</b>								
Phenol	108-95-2	0.5	mg/kg	----	----	----	----	<0.5
2-Methylphenol	95-48-7	0.5	mg/kg	----	----	----	----	<0.5
3- & 4-Methylphenol	1319-77-3	1	mg/kg	----	----	----	----	<1
4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	----	----	----	----	<0.5
2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	----	----	----	----	<0.5
2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	----	----	----	----	<0.5
Pentachlorophenol	87-86-5	2	mg/kg	----	----	----	----	<2
<b>EP075(SIM)B: Polynuclear Aromatic Hydrocarbons</b>								
Naphthalene	91-20-3	0.5	mg/kg	----	----	----	----	<0.5
Acenaphthylene	208-96-8	0.5	mg/kg	----	----	----	----	<0.5
Acenaphthene	83-32-9	0.5	mg/kg	----	----	----	----	<0.5
Fluorene	86-73-7	0.5	mg/kg	----	----	----	----	<0.5
Phenanthrene	85-01-8	0.5	mg/kg	----	----	----	----	1.6
Anthracene	120-12-7	0.5	mg/kg	----	----	----	----	0.5
Fluoranthene	206-44-0	0.5	mg/kg	----	----	----	----	4.8
Pyrene	129-00-0	0.5	mg/kg	----	----	----	----	4.7
Benz(a)anthracene	56-55-3	0.5	mg/kg	----	----	----	----	2.5
Chrysene	218-01-9	0.5	mg/kg	----	----	----	----	2.5
Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	----	----	----	----	3.1
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	----	----	----	----	0.9
Benzo(a)pyrene	50-32-8	0.5	mg/kg	----	----	----	----	2.7



## Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	SS1	SS2	SS3	QC1	SB1_0.0-0.2
Sampling date / time					12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00
Compound	CAS Number	LOR	Unit		EM2318328-001	EM2318328-002	EM2318328-003	EM2318328-004	EM2318328-005
					Result	Result	Result	Result	Result
<b>EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - Continued</b>									
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg		----	----	----	----	1.2
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg		----	----	----	----	<0.5
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg		----	----	----	----	1.4
^ Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg		----	----	----	----	25.9
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg		----	----	----	----	3.5
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg		----	----	----	----	3.8
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg		----	----	----	----	4.0
<b>EP080/071: Total Petroleum Hydrocarbons</b>									
C6 - C9 Fraction	----	10	mg/kg		----	----	----	----	<10
<b>EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions</b>									
C6 - C10 Fraction	C6_C10	10	mg/kg		----	----	----	----	<10
<b>EP066S: PCB Surrogate</b>									
Decachlorobiphenyl	2051-24-3	0.1	%		----	----	----	----	76.2
<b>EP068S: Organochlorine Pesticide Surrogate</b>									
Dibromo-DDE	21655-73-2	0.05	%		99.2	96.7	105	91.1	106
<b>EP068T: Organophosphorus Pesticide Surrogate</b>									
DEF	78-48-8	0.05	%		84.7	79.8	85.3	82.9	91.0
<b>EP074S: VOC Surrogates</b>									
1.2-Dichloroethane-D4	17060-07-0	0.5	%		----	----	----	----	97.2
Toluene-D8	2037-26-5	0.5	%		----	----	----	----	105
4-Bromofluorobenzene	460-00-4	0.5	%		----	----	----	----	111
<b>EP075(SIM)S: Phenolic Compound Surrogates</b>									
Phenol-d6	13127-88-3	0.5	%		----	----	----	----	88.3
2-Chlorophenol-D4	93951-73-6	0.5	%		----	----	----	----	85.6
2.4.6-Tribromophenol	118-79-6	0.5	%		----	----	----	----	100
<b>EP075(SIM)T: PAH Surrogates</b>									
2-Fluorobiphenyl	321-60-8	0.5	%		----	----	----	----	104
Anthracene-d10	1719-06-8	0.5	%		----	----	----	----	93.4
4-Terphenyl-d14	1718-51-0	0.5	%		----	----	----	----	105
<b>EP080S: TPH(V)/BTEX Surrogates</b>									
1.2-Dichloroethane-D4	17060-07-0	0.2	%		----	----	----	----	93.4
Toluene-D8	2037-26-5	0.2	%		----	----	----	----	101
4-Bromofluorobenzene	460-00-4	0.2	%		----	----	----	----	113





## Analytical Results

Sub-Matrix: SOIL  
 (Matrix: SOIL)

Sample ID

				SB1_0.5-0.7	SB1_3.5	SB2_0.0-0.2	SB2_0.5-0.7	SB2_3.0-3.2
Sampling date / time				12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00
Compound	CAS Number	LOR	Unit	EM2318328-006	EM2318328-010	EM2318328-011	EM2318328-012	EM2318328-015
				Result	Result	Result	Result	Result
<b>EA055: Moisture Content (Dried @ 105-110°C)</b>								
Moisture Content	----	1.0	%	13.9	20.9	15.8	18.8	18.4
<b>EA200: AS 4964 - 2004 Identification of Asbestos in Soils</b>								
Asbestos Detected	1332-21-4	0.1	g/kg	----	----	No	----	----
Asbestos (Trace)	1332-21-4	-	-	----	----	No	----	----
Asbestos Type	1332-21-4	-	--	----	----	-	----	----
Synthetic Mineral Fibre	----	-	--	----	----	Yes	----	----
Organic Fibre	----	-	--	----	----	Yes	----	----
Sample weight (dry)	----	0.01	g	----	----	74.5	----	----
APPROVED IDENTIFIER:	----	-	--	----	----	T. KUO	----	----
<b>EG005(ED093)T: Total Metals by ICP-AES</b>								
Arsenic	7440-38-2	5	mg/kg	<5	8	<5	<5	6
Barium	7440-39-3	10	mg/kg	50	80	140	120	100
Beryllium	7440-41-7	1	mg/kg	<1	2	<1	<1	1
Boron	7440-42-8	50	mg/kg	<50	<50	<50	<50	<50
Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	<1
Chromium	7440-47-3	2	mg/kg	12	31	15	11	27
Cobalt	7440-48-4	2	mg/kg	10	15	6	6	9
Copper	7440-50-8	5	mg/kg	6	19	25	16	15
Lead	7439-92-1	5	mg/kg	12	19	143	127	13
Manganese	7439-96-5	5	mg/kg	479	275	534	744	227
Nickel	7440-02-0	2	mg/kg	7	19	8	7	15
Selenium	7782-49-2	5	mg/kg	<5	<5	<5	<5	<5
Vanadium	7440-62-2	5	mg/kg	18	47	17	12	34
Zinc	7440-66-6	5	mg/kg	19	46	281	143	37
<b>EG035T: Total Recoverable Mercury by FIMS</b>								
Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.4	0.5	<0.1
<b>EP068A: Organochlorine Pesticides (OC)</b>								
alpha-BHC	319-84-6	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
beta-BHC	319-85-7	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
gamma-BHC	58-89-9	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
delta-BHC	319-86-8	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Heptachlor	76-44-8	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Aldrin	309-00-2	0.05	mg/kg	<0.05	----	<0.05	<0.05	----



## Analytical Results

Sub-Matrix: SOIL  
 (Matrix: SOIL)

Sample ID

				SB1_0.5-0.7	SB1_3.5	SB2_0.0-0.2	SB2_0.5-0.7	SB2_3.0-3.2
Sampling date / time				12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00
Compound	CAS Number	LOR	Unit	EM2318328-006	EM2318328-010	EM2318328-011	EM2318328-012	EM2318328-015
				Result	Result	Result	Result	Result
<b>EP068A: Organochlorine Pesticides (OC) - Continued</b>								
Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
^ Total Chlordane (sum)	-----	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Dieldrin	60-57-1	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
4,4'-DDE	72-55-9	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Endrin	72-20-8	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
^ Endosulfan (sum)	115-29-7	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
4,4'-DDD	72-54-8	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
4,4'-DDT	50-29-3	0.2	mg/kg	<0.2	----	<0.2	<0.2	----
Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Methoxychlor	72-43-5	0.2	mg/kg	<0.2	----	<0.2	<0.2	----
^ Sum of Aldrin + Dieldrin	309-00-2/60-57-1	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
^ Sum of DDD + DDE + DDT	72-54-8/72-55-9/50-2	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
<b>EP068B: Organophosphorus Pesticides (OP)</b>								
Dichlorvos	62-73-7	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	----	<0.2	<0.2	----
Dimethoate	60-51-5	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Diazinon	333-41-5	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	----	<0.2	<0.2	----
Malathion	121-75-5	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Fenthion	55-38-9	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Parathion	56-38-2	0.2	mg/kg	<0.2	----	<0.2	<0.2	----
Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	----	<0.05	<0.05	----



## Analytical Results

Sub-Matrix: SOIL  
 (Matrix: SOIL)

Sample ID

				SB1_0.5-0.7	SB1_3.5	SB2_0.0-0.2	SB2_0.5-0.7	SB2_3.0-3.2
Sampling date / time				12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00
Compound	CAS Number	LOR	Unit	EM2318328-006	EM2318328-010	EM2318328-011	EM2318328-012	EM2318328-015
				Result	Result	Result	Result	Result
<b>EP068B: Organophosphorus Pesticides (OP) - Continued</b>								
Prothiofos	34643-46-4	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Ethion	563-12-2	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Carbophenothion	786-19-6	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	----	<0.05	<0.05	----
<b>EP068S: Organochlorine Pesticide Surrogate</b>								
Dibromo-DDE	21655-73-2	0.05	%	96.9	----	97.4	86.8	----
<b>EP068T: Organophosphorus Pesticide Surrogate</b>								
DEF	78-48-8	0.05	%	82.5	----	80.9	78.6	----



## Analytical Results

Sub-Matrix: SOIL  
 (Matrix: SOIL)

Sample ID

				SB3_0.0-0.2	SB3_2.0-2.2	SB4_0.0-0.2	SB4_2.0-2.2	SB4_3.5
Sampling date / time				12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00
Compound	CAS Number	LOR	Unit	EM2318328-017	EM2318328-020	EM2318328-023	EM2318328-026	EM2318328-028
				Result	Result	Result	Result	Result
<b>EA055: Moisture Content (Dried @ 105-110°C)</b>								
Moisture Content	----	1.0	%	21.2	14.6	11.4	10.7	18.5
<b>EG005(ED093)T: Total Metals by ICP-AES</b>								
Arsenic	7440-38-2	5	mg/kg	<5	9	6	12	6
Barium	7440-39-3	10	mg/kg	650	70	60	50	80
Beryllium	7440-41-7	1	mg/kg	<1	1	<1	1	1
Boron	7440-42-8	50	mg/kg	<50	<50	<50	<50	<50
Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	<1
Chromium	7440-47-3	2	mg/kg	18	25	12	23	20
Cobalt	7440-48-4	2	mg/kg	4	8	4	9	8
Copper	7440-50-8	5	mg/kg	51	11	19	8	10
Lead	7439-92-1	5	mg/kg	722	14	42	19	13
Manganese	7439-96-5	5	mg/kg	533	177	281	422	177
Nickel	7440-02-0	2	mg/kg	8	11	6	10	12
Selenium	7782-49-2	5	mg/kg	<5	<5	<5	<5	<5
Vanadium	7440-62-2	5	mg/kg	14	37	14	40	30
Zinc	7440-66-6	5	mg/kg	429	25	93	20	27
<b>EG035T: Total Recoverable Mercury by FIMS</b>								
Mercury	7439-97-6	0.1	mg/kg	0.2	<0.1	<0.1	<0.1	<0.1
<b>EP068A: Organochlorine Pesticides (OC)</b>								
alpha-BHC	319-84-6	0.05	mg/kg	<0.05	----	<0.05	----	----
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	----	<0.05	----	----
beta-BHC	319-85-7	0.05	mg/kg	<0.05	----	<0.05	----	----
gamma-BHC	58-89-9	0.05	mg/kg	<0.05	----	<0.05	----	----
delta-BHC	319-86-8	0.05	mg/kg	<0.05	----	<0.05	----	----
Heptachlor	76-44-8	0.05	mg/kg	<0.05	----	<0.05	----	----
Aldrin	309-00-2	0.05	mg/kg	<0.05	----	<0.05	----	----
Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	----	<0.05	----	----
^ Total Chlordane (sum)	----	0.05	mg/kg	<0.05	----	<0.05	----	----
trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	----	<0.05	----	----
alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	----	<0.05	----	----
cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	----	<0.05	----	----
Dieldrin	60-57-1	0.05	mg/kg	<0.05	----	<0.05	----	----
4,4'-DDE	72-55-9	0.05	mg/kg	<0.05	----	<0.05	----	----
Endrin	72-20-8	0.05	mg/kg	<0.05	----	<0.05	----	----

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	SB3_0.0-0.2	SB3_2.0-2.2	SB4_0.0-0.2	SB4_2.0-2.2	SB4_3.5
Sampling date / time				12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	
Compound	CAS Number	LOR	Unit	EM2318328-017	EM2318328-020	EM2318328-023	EM2318328-026	EM2318328-028	
				Result	Result	Result	Result	Result	
EP068A: Organochlorine Pesticides (OC) - Continued									
beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	----	<0.05	----	----	
^ Endosulfan (sum)	115-29-7	0.05	mg/kg	<0.05	----	<0.05	----	----	
4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	----	<0.05	----	----	
Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	----	<0.05	----	----	
Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	----	<0.05	----	----	
4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	----	<0.2	----	----	
Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	----	<0.05	----	----	
Methoxychlor	72-43-5	0.2	mg/kg	<0.2	----	<0.2	----	----	
^ Sum of Aldrin + Dieldrin	309-00-2/60-57-1	0.05	mg/kg	<0.05	----	<0.05	----	----	
^ Sum of DDD + DDE + DDT	72-54-8/72-55-9/50-2	0.05	mg/kg	<0.05	----	<0.05	----	----	
EP068B: Organophosphorus Pesticides (OP)									
Dichlorvos	62-73-7	0.05	mg/kg	<0.05	----	<0.05	----	----	
Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	----	<0.05	----	----	
Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	----	<0.2	----	----	
Dimethoate	60-51-5	0.05	mg/kg	<0.05	----	<0.05	----	----	
Diazinon	333-41-5	0.05	mg/kg	<0.05	----	<0.05	----	----	
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	----	<0.05	----	----	
Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	----	<0.2	----	----	
Malathion	121-75-5	0.05	mg/kg	<0.05	----	<0.05	----	----	
Fenthion	55-38-9	0.05	mg/kg	<0.05	----	<0.05	----	----	
Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	----	<0.05	----	----	
Parathion	56-38-2	0.2	mg/kg	<0.2	----	<0.2	----	----	
Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	----	<0.05	----	----	
Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	----	<0.05	----	----	
Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	----	<0.05	----	----	
Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	----	<0.05	----	----	
Prothiofos	34643-46-4	0.05	mg/kg	<0.05	----	<0.05	----	----	
Ethion	563-12-2	0.05	mg/kg	<0.05	----	<0.05	----	----	
Carbophenothion	786-19-6	0.05	mg/kg	<0.05	----	<0.05	----	----	
Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	----	<0.05	----	----	
EP068S: Organochlorine Pesticide Surrogate									
Dibromo-DDE	21655-73-2	0.05	%	90.9	----	88.2	----	----	
EP068T: Organophosphorus Pesticide Surrogate									



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	SB3_0.0-0.2	SB3_2.0-2.2	SB4_0.0-0.2	SB4_2.0-2.2	SB4_3.5
Sampling date / time					12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00
Compound	CAS Number	LOR	Unit	EM2318328-017	EM2318328-020	EM2318328-023	EM2318328-026	EM2318328-028	
				Result	Result	Result	Result	Result	
EP068T: Organophosphorus Pesticide Surrogate - Continued									
DEF	78-48-8	0.05	%	79.7	----	78.3	----	----	





## Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	SB5_0.0-0.2	SB5_0.5-0.7	SB5_3.5	----	----
Sampling date / time					12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	----	----
Compound	CAS Number	LOR	Unit		EM2318328-029	EM2318328-030	EM2318328-034	-----	-----
					Result	Result	Result	----	----
<b>EA055: Moisture Content (Dried @ 105-110°C)</b>									
Moisture Content	----	1.0	%		----	11.5	20.3	----	----
<b>EA200: AS 4964 - 2004 Identification of Asbestos in Soils</b>									
Asbestos Detected	1332-21-4	0.1	g/kg		No	----	----	----	----
Asbestos (Trace)	1332-21-4	-	-		No	----	----	----	----
Asbestos Type	1332-21-4	-	--		-	----	----	----	----
Synthetic Mineral Fibre	----	-	--		Yes	----	----	----	----
Organic Fibre	----	-	--		Yes	----	----	----	----
Sample weight (dry)	----	0.01	g		139	----	----	----	----
APPROVED IDENTIFIER:	----	-	--		T. KUO	----	----	----	----
<b>EG005(ED093)T: Total Metals by ICP-AES</b>									
Arsenic	7440-38-2	5	mg/kg		----	11	10	----	----
Barium	7440-39-3	10	mg/kg		----	60	120	----	----
Beryllium	7440-41-7	1	mg/kg		----	1	2	----	----
Boron	7440-42-8	50	mg/kg		----	<50	<50	----	----
Cadmium	7440-43-9	1	mg/kg		----	<1	<1	----	----
Chromium	7440-47-3	2	mg/kg		----	24	34	----	----
Cobalt	7440-48-4	2	mg/kg		----	8	13	----	----
Copper	7440-50-8	5	mg/kg		----	12	20	----	----
Lead	7439-92-1	5	mg/kg		----	25	20	----	----
Manganese	7439-96-5	5	mg/kg		----	226	215	----	----
Nickel	7440-02-0	2	mg/kg		----	11	21	----	----
Selenium	7782-49-2	5	mg/kg		----	<5	<5	----	----
Vanadium	7440-62-2	5	mg/kg		----	41	51	----	----
Zinc	7440-66-6	5	mg/kg		----	28	48	----	----
<b>EG035T: Total Recoverable Mercury by FIMS</b>									
Mercury	7439-97-6	0.1	mg/kg		----	<0.1	<0.1	----	----
<b>EP068A: Organochlorine Pesticides (OC)</b>									
alpha-BHC	319-84-6	0.05	mg/kg		----	<0.05	----	----	----
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg		----	<0.05	----	----	----
beta-BHC	319-85-7	0.05	mg/kg		----	<0.05	----	----	----
gamma-BHC	58-89-9	0.05	mg/kg		----	<0.05	----	----	----
delta-BHC	319-86-8	0.05	mg/kg		----	<0.05	----	----	----
Heptachlor	76-44-8	0.05	mg/kg		----	<0.05	----	----	----
Aldrin	309-00-2	0.05	mg/kg		----	<0.05	----	----	----



## Analytical Results

Sub-Matrix: SOIL  
 (Matrix: SOIL)

Sample ID

				SB5_0.0-0.2	SB5_0.5-0.7	SB5_3.5	----	----
Sampling date / time				12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	----	----
Compound	CAS Number	LOR	Unit	EM2318328-029	EM2318328-030	EM2318328-034	-----	-----
				Result	Result	Result	----	----
<b>EP068A: Organochlorine Pesticides (OC) - Continued</b>								
Heptachlor epoxide	1024-57-3	0.05	mg/kg	----	<0.05	----	----	----
^ Total Chlordane (sum)	----	0.05	mg/kg	----	<0.05	----	----	----
trans-Chlordane	5103-74-2	0.05	mg/kg	----	<0.05	----	----	----
alpha-Endosulfan	959-98-8	0.05	mg/kg	----	<0.05	----	----	----
cis-Chlordane	5103-71-9	0.05	mg/kg	----	<0.05	----	----	----
Dieldrin	60-57-1	0.05	mg/kg	----	<0.05	----	----	----
4,4'-DDE	72-55-9	0.05	mg/kg	----	<0.05	----	----	----
Endrin	72-20-8	0.05	mg/kg	----	<0.05	----	----	----
beta-Endosulfan	33213-65-9	0.05	mg/kg	----	<0.05	----	----	----
^ Endosulfan (sum)	115-29-7	0.05	mg/kg	----	<0.05	----	----	----
4,4'-DDD	72-54-8	0.05	mg/kg	----	<0.05	----	----	----
Endrin aldehyde	7421-93-4	0.05	mg/kg	----	<0.05	----	----	----
Endosulfan sulfate	1031-07-8	0.05	mg/kg	----	<0.05	----	----	----
4,4'-DDT	50-29-3	0.2	mg/kg	----	<0.2	----	----	----
Endrin ketone	53494-70-5	0.05	mg/kg	----	<0.05	----	----	----
Methoxychlor	72-43-5	0.2	mg/kg	----	<0.2	----	----	----
^ Sum of Aldrin + Dieldrin	309-00-2/60-57-1	0.05	mg/kg	----	<0.05	----	----	----
^ Sum of DDD + DDE + DDT	72-54-8/72-55-9/50-2	0.05	mg/kg	----	<0.05	----	----	----
<b>EP068B: Organophosphorus Pesticides (OP)</b>								
Dichlorvos	62-73-7	0.05	mg/kg	----	<0.05	----	----	----
Demeton-S-methyl	919-86-8	0.05	mg/kg	----	<0.05	----	----	----
Monocrotophos	6923-22-4	0.2	mg/kg	----	<0.2	----	----	----
Dimethoate	60-51-5	0.05	mg/kg	----	<0.05	----	----	----
Diazinon	333-41-5	0.05	mg/kg	----	<0.05	----	----	----
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	----	<0.05	----	----	----
Parathion-methyl	298-00-0	0.2	mg/kg	----	<0.2	----	----	----
Malathion	121-75-5	0.05	mg/kg	----	<0.05	----	----	----
Fenthion	55-38-9	0.05	mg/kg	----	<0.05	----	----	----
Chlorpyrifos	2921-88-2	0.05	mg/kg	----	<0.05	----	----	----
Parathion	56-38-2	0.2	mg/kg	----	<0.2	----	----	----
Pirimphos-ethyl	23505-41-1	0.05	mg/kg	----	<0.05	----	----	----
Chlorfenvinphos	470-90-6	0.05	mg/kg	----	<0.05	----	----	----
Bromophos-ethyl	4824-78-6	0.05	mg/kg	----	<0.05	----	----	----
Fenamiphos	22224-92-6	0.05	mg/kg	----	<0.05	----	----	----



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	SB5_0.0-0.2	SB5_0.5-0.7	SB5_3.5	----	----
Sampling date / time					12-Oct-2023 00:00	12-Oct-2023 00:00	12-Oct-2023 00:00	----	----
Compound	CAS Number	LOR	Unit		EM2318328-029	EM2318328-030	EM2318328-034	-----	-----
					Result	Result	Result	----	----
EP068B: Organophosphorus Pesticides (OP) - Continued									
Prothiofos	34643-46-4	0.05	mg/kg		----	<0.05	----	----	----
Ethion	563-12-2	0.05	mg/kg		----	<0.05	----	----	----
Carbophenothion	786-19-6	0.05	mg/kg		----	<0.05	----	----	----
Azinphos Methyl	86-50-0	0.05	mg/kg		----	<0.05	----	----	----
EP068S: Organochlorine Pesticide Surrogate									
Dibromo-DDE	21655-73-2	0.05	%		----	84.9	----	----	----
EP068T: Organophosphorus Pesticide Surrogate									
DEF	78-48-8	0.05	%		----	65.6	----	----	----



## Analytical Results

Sub-Matrix: WATER  
 (Matrix: WATER)

Sample ID

				QC3	QC4	----	----	----
Sampling date / time				12-Oct-2023 00:00	12-Oct-2023 00:00	----	----	----
Compound	CAS Number	LOR	Unit	EM2318328-036	EM2318328-037	-----	-----	-----
				Result	Result	----	----	----
<b>EG020F: Dissolved Metals by ICP-MS</b>								
Arsenic	7440-38-2	0.001	mg/L	<0.001	----	----	----	----
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	----	----	----	----
Chromium	7440-47-3	0.001	mg/L	<0.001	----	----	----	----
Copper	7440-50-8	0.001	mg/L	<0.001	----	----	----	----
Nickel	7440-02-0	0.001	mg/L	<0.001	----	----	----	----
Lead	7439-92-1	0.001	mg/L	<0.001	----	----	----	----
Zinc	7440-66-6	0.005	mg/L	<0.005	----	----	----	----
<b>EG035F: Dissolved Mercury by FIMS</b>								
Mercury	7439-97-6	0.0001	mg/L	<0.0001	----	----	----	----
<b>EP080/071: Total Petroleum Hydrocarbons</b>								
C6 - C9 Fraction	----	20	µg/L	----	<20	----	----	----
<b>EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions</b>								
C6 - C10 Fraction	C6_C10	20	µg/L	----	<20	----	----	----
^ C6 - C10 Fraction minus BTEX (F1)	C6_C10-BTEX	20	µg/L	----	<20	----	----	----
<b>EP080: BTEXN</b>								
Benzene	71-43-2	1	µg/L	----	<1	----	----	----
Toluene	108-88-3	2	µg/L	----	<2	----	----	----
Ethylbenzene	100-41-4	2	µg/L	----	<2	----	----	----
meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	----	<2	----	----	----
ortho-Xylene	95-47-6	2	µg/L	----	<2	----	----	----
^ Total Xylenes	----	2	µg/L	----	<2	----	----	----
^ Sum of BTEX	----	1	µg/L	----	<1	----	----	----
Naphthalene	91-20-3	5	µg/L	----	<5	----	----	----
<b>EP080S: TPH(V)/BTEX Surrogates</b>								
1,2-Dichloroethane-D4	17060-07-0	2	%	----	108	----	----	----
Toluene-D8	2037-26-5	2	%	----	93.4	----	----	----
4-Bromofluorobenzene	460-00-4	2	%	----	101	----	----	----



**Analytical Results**

**Descriptive Results**

Sub-Matrix: **SOIL**

Method: Compound	Sample ID - Sampling date / time	Analytical Results
EA200: AS 4964 - 2004 Identification of Asbestos in Soils		
EA200: Description	SB1_0.0-0.2 - 12-Oct-2023 00:00	Beige soil with rock, organic matter and synthetic mineral fibres.
EA200: Description	SB2_0.0-0.2 - 12-Oct-2023 00:00	Brown soil with rock, organic matter and synthetic mineral fibres.
EA200: Description	SB5_0.0-0.2 - 12-Oct-2023 00:00	Brown soil with rock, organic matter and synthetic mineral fibres.



## Surrogate Control Limits

Sub-Matrix: SOIL		Recovery Limits (%)	
Compound	CAS Number	Low	High
<b>EP066S: PCB Surrogate</b>			
Decachlorobiphenyl	2051-24-3	36	140
<b>EP068S: Organochlorine Pesticide Surrogate</b>			
Dibromo-DDE	21655-73-2	62	128
<b>EP068T: Organophosphorus Pesticide Surrogate</b>			
DEF	78-48-8	40	139
<b>EP074S: VOC Surrogates</b>			
1,2-Dichloroethane-D4	17060-07-0	62	122
Toluene-D8	2037-26-5	64	120
4-Bromofluorobenzene	460-00-4	66	124
<b>EP075(SIM)S: Phenolic Compound Surrogates</b>			
Phenol-d6	13127-88-3	54	125
2-Chlorophenol-D4	93951-73-6	65	123
2,4,6-Tribromophenol	118-79-6	34	122
<b>EP075(SIM)T: PAH Surrogates</b>			
2-Fluorobiphenyl	321-60-8	61	125
Anthracene-d10	1719-06-8	62	130
4-Terphenyl-d14	1718-51-0	67	133
<b>EP080S: TPH(V)/BTEX Surrogates</b>			
1,2-Dichloroethane-D4	17060-07-0	51	125
Toluene-D8	2037-26-5	55	125
4-Bromofluorobenzene	460-00-4	56	124

Sub-Matrix: WATER		Recovery Limits (%)	
Compound	CAS Number	Low	High
<b>EP080S: TPH(V)/BTEX Surrogates</b>			
1,2-Dichloroethane-D4	17060-07-0	73	129
Toluene-D8	2037-26-5	70	125
4-Bromofluorobenzene	460-00-4	71	129





## QUALITY CONTROL REPORT

Work Order : **EM2318328**

Page : 1 of 19

Client : **Jones Environmental**  
Contact : **PATRICIA JONES**  
Address : **497 Parnall Street**  
**Lavington Lavington 2641**

Laboratory : **Environmental Division Melbourne**  
Contact : **Hannah White**  
Address : **4 Westall Rd Springvale VIC Australia 3171**

Telephone : ----  
Project : **JE10406**  
Order number : ----  
C-O-C number : ----  
Sampler : **RJ**  
Site : ----  
Quote number : **EN/222**  
No. of samples received : **47**  
No. of samples analysed : **20**

Telephone : **+61-3-8549 9600**  
Date Samples Received : **13-Oct-2023**  
Date Analysis Commenced : **16-Oct-2023**  
Issue Date : **23-Oct-2023**



Accreditation No. 825  
Accredited for compliance with  
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

### Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
Dilani Fernando	Laboratory Coordinator	Melbourne Inorganics, Springvale, VIC
Nancy Wang	2IC Organic Chemist	Melbourne Inorganics, Springvale, VIC
Nancy Wang	2IC Organic Chemist	Melbourne Organics, Springvale, VIC
Tim Kuo	Approved Asbestos Identifier	Melbourne Asbestos, Springvale, VIC



## General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key :  
 Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot  
 CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.  
 LOR = Limit of reporting  
 RPD = Relative Percentage Difference  
 # = Indicates failed QC

## Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 0% - 20%.

Sub-Matrix: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
<b>EG005(ED093)T: Total Metals by ICP-AES (QC Lot: 5361213)</b>									
EM2318314-005	Anonymous	EG005T: Beryllium	7440-41-7	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Barium	7440-39-3	10	mg/kg	20	20	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	2	2	0.0	No Limit
		EG005T: Cobalt	7440-48-4	2	mg/kg	<2	<2	0.0	No Limit
		EG005T: Molybdenum	7439-98-7	2	mg/kg	<2	<2	0.0	No Limit
		EG005T: Nickel	7440-02-0	2	mg/kg	2	2	0.0	No Limit
		EG005T: Silver	7440-22-4	2	mg/kg	<2	<2	0.0	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	6	5	0.0	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Manganese	7439-96-5	5	mg/kg	68	80	15.8	0% - 50%
		EG005T: Selenium	7782-49-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Vanadium	7440-62-2	5	mg/kg	6	6	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	10	11	0.0	No Limit
EM2318315-008	Anonymous	EG005T: Boron	7440-42-8	50	mg/kg	<50	<50	0.0	No Limit
		EG005T: Beryllium	7440-41-7	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Barium	7440-39-3	10	mg/kg	30	40	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	13	10	30.6	No Limit
		EG005T: Cobalt	7440-48-4	2	mg/kg	2	3	0.0	No Limit
		EG005T: Molybdenum	7439-98-7	2	mg/kg	<2	<2	0.0	No Limit
		EG005T: Nickel	7440-02-0	2	mg/kg	6	6	0.0	No Limit
		EG005T: Silver	7440-22-4	2	mg/kg	<2	<2	0.0	No Limit



Sub-Matrix: SOIL				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EG005(ED093)T: Total Metals by ICP-AES (QC Lot: 5361213) - continued									
EM2318315-008	Anonymous	EG005T: Arsenic	7440-38-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	13	13	0.0	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	7	6	0.0	No Limit
		EG005T: Manganese	7439-96-5	5	mg/kg	273	292	6.5	0% - 20%
		EG005T: Selenium	7782-49-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Vanadium	7440-62-2	5	mg/kg	12	11	9.6	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	20	22	10.5	No Limit
		EG005T: Boron	7440-42-8	50	mg/kg	<50	<50	0.0	No Limit
EG005(ED093)T: Total Metals by ICP-AES (QC Lot: 5363694)									
EM2318239-002	Anonymous	EG005T: Beryllium	7440-41-7	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Barium	7440-39-3	10	mg/kg	20	20	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	15	15	0.0	No Limit
		EG005T: Cobalt	7440-48-4	2	mg/kg	22	21	0.0	0% - 50%
		EG005T: Molybdenum	7439-98-7	2	mg/kg	<2	<2	0.0	No Limit
		EG005T: Nickel	7440-02-0	2	mg/kg	86	84	1.8	0% - 20%
		EG005T: Silver	7440-22-4	2	mg/kg	<2	<2	0.0	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	39	38	0.0	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Manganese	7439-96-5	5	mg/kg	363	355	2.2	0% - 20%
		EG005T: Selenium	7782-49-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Vanadium	7440-62-2	5	mg/kg	10	10	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	42	41	2.8	No Limit
		EG005T: Boron	7440-42-8	50	mg/kg	<50	<50	0.0	No Limit
EM2318328-030	SB5_0.5-0.7	EG005T: Beryllium	7440-41-7	1	mg/kg	1	1	0.0	No Limit
		EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Barium	7440-39-3	10	mg/kg	60	60	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	24	24	0.0	0% - 50%
		EG005T: Cobalt	7440-48-4	2	mg/kg	8	8	0.0	No Limit
		EG005T: Molybdenum	7439-98-7	2	mg/kg	<2	<2	0.0	No Limit
		EG005T: Nickel	7440-02-0	2	mg/kg	11	11	0.0	No Limit
		EG005T: Silver	7440-22-4	2	mg/kg	<2	<2	0.0	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	11	11	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	12	12	0.0	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	25	25	0.0	No Limit
		EG005T: Manganese	7439-96-5	5	mg/kg	226	226	0.0	0% - 20%
		EG005T: Selenium	7782-49-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Vanadium	7440-62-2	5	mg/kg	41	41	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	28	28	0.0	No Limit



Sub-Matrix: SOIL				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
<b>EG005(ED093)T: Total Metals by ICP-AES (QC Lot: 5363694) - continued</b>									
EM2318328-030	SB5_0.5-0.7	EG005T: Boron	7440-42-8	50	mg/kg	<50	<50	0.0	No Limit
<b>EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 5361245)</b>									
EM2318314-001	Anonymous	EA055: Moisture Content	----	0.1	%	21.8	20.2	7.6	0% - 20%
EM2318315-005	Anonymous	EA055: Moisture Content	----	0.1	%	10.1	10.8	7.5	0% - 50%
<b>EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 5361246)</b>									
EM2318328-010	SB1_3.5	EA055: Moisture Content	----	0.1	%	20.9	20.1	3.8	0% - 20%
EM2318328-034	SB5_3.5	EA055: Moisture Content	----	0.1	%	20.3	20.5	1.1	0% - 20%
<b>EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 5364170)</b>									
EM2318313-001	Anonymous	EA055: Moisture Content	----	0.1	%	12.3	12.0	1.9	0% - 50%
EM2318387-017	Anonymous	EA055: Moisture Content	----	0.1	%	16.4	16.7	1.8	0% - 50%
<b>EG035T: Total Recoverable Mercury by FIMS (QC Lot: 5361212)</b>									
EM2318314-005	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
EM2318315-008	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
<b>EG035T: Total Recoverable Mercury by FIMS (QC Lot: 5363695)</b>									
EM2318239-002	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
EM2318328-030	SB5_0.5-0.7	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
<b>EG048: Hexavalent Chromium (Alkaline Digest) (QC Lot: 5364002)</b>									
EM2318271-001	Anonymous	EG048G: Hexavalent Chromium	18540-29-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EM2318387-004	Anonymous	EG048G: Hexavalent Chromium	18540-29-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
<b>EK026SF: Total CN by Segmented Flow Analyser (QC Lot: 5367668)</b>									
EM2318315-005	Anonymous	EK026SF: Total Cyanide	57-12-5	1	mg/kg	<1	<1	0.0	No Limit
EM2318500-007	Anonymous	EK026SF: Total Cyanide	57-12-5	1	mg/kg	1240	1260	1.6	0% - 50%
<b>EK028SF: Weak Acid Dissociable CN by Segmented Flow Analyser (QC Lot: 5367666)</b>									
EM2318228-001	Anonymous	EK028SF: Weak Acid Dissociable Cyanide	----	1	mg/kg	<1	<1	0.0	No Limit
<b>EK040T: Fluoride Total (QC Lot: 5364006)</b>									
EM2318271-001	Anonymous	EK040T: Fluoride	16984-48-8	40	mg/kg	5490	5630	2.6	0% - 50%
<b>EP066: Polychlorinated Biphenyls (PCB) (QC Lot: 5366035)</b>									
EM2318328-005	SB1_0.0-0.2	EP066: Total Polychlorinated biphenyls	----	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
<b>EP068A: Organochlorine Pesticides (OC) (QC Lot: 5361169)</b>									
EM2318328-001	SS1	EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: gamma-BHC	58-89-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit



Sub-Matrix: SOIL				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP068A: Organochlorine Pesticides (OC) (QC Lot: 5361169) - continued									
EM2318328-001	SS1	EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4,4'-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4,4'-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4,4'-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP068A: Organochlorine Pesticides (OC) (QC Lot: 5366033)									
EM2318328-005	SB1_0.0-0.2	EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: gamma-BHC	58-89-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4,4'-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4,4'-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4,4'-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP068B: Organophosphorus Pesticides (OP) (QC Lot: 5361169)									
EM2318328-001	SS1	EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit



Sub-Matrix: SOIL				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP068B: Organophosphorus Pesticides (OP) (QC Lot: 5361169) - continued									
EM2318328-001	SS1	EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP068B: Organophosphorus Pesticides (OP) (QC Lot: 5366033)									
EM2318328-005	SB1_0.0-0.2	EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP071 SG: Total Petroleum Hydrocarbons - Silica gel cleanup (QC Lot: 5366034)							
EM2318328-005	SB1_0.0-0.2	EP071SG-S: C15 - C28 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071SG-S: C29 - C36 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071SG-S: C10 - C14 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP071 SG: Total Recoverable Hydrocarbons - NEPM 2013 Fractions - Silica gel cleanup (QC Lot: 5366034)									
EM2318328-005	SB1_0.0-0.2	EP071SG-S: >C16 - C34 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit





Sub-Matrix: SOIL				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP071 SG: Total Recoverable Hydrocarbons - NEPM 2013 Fractions - Silica gel cleanup (QC Lot: 5366034) - continued									
EM2318328-005	SB1_0.0-0.2	EP071SG-S: >C34 - C40 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071SG-S: >C10 - C16 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 5363643)									
EM2318328-005	SB1_0.0-0.2	EP074: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP074: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: meta- & para-Xylene	108-38-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
			106-42-3						
		EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074B: Oxygenated Compounds (QC Lot: 5363643)									
EM2318328-005	SB1_0.0-0.2	EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	<5	0.0	No Limit
EP074E: Halogenated Aliphatic Compounds (QC Lot: 5363643)									
EM2318328-005	SB1_0.0-0.2	EP074: 1.1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Methylene chloride	75-09-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.1.2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: 1.1.2.2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP074: Vinyl chloride	75-01-4	5	mg/kg	<4	<4	0.0	No Limit
EP074F: Halogenated Aromatic Compounds (QC Lot: 5363643)									
EM2318328-005	SB1_0.0-0.2	EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP074G: Trihalomethanes (QC Lot: 5363643)									
EM2318328-005	SB1_0.0-0.2	EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP075(SIM)A: Phenolic Compounds (QC Lot: 5366032)									
EM2318328-005	SB1_0.0-0.2	EP075(SIM): Phenol	108-95-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 3- & 4-Methylphenol	1319-77-3	1	mg/kg	<1	<1	0.0	No Limit
		EP075(SIM): Pentachlorophenol	87-86-5	2	mg/kg	<2	<2	0.0	No Limit
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 5366032)									
EM2318328-005	SB1_0.0-0.2	EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit





Sub-Matrix: <b>WATER</b>				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
<b>EG035F: Dissolved Mercury by FIMS (QC Lot: 5370970) - continued</b>									
EM2318302-001	Anonymous	EG035F: Mercury	7439-97-6	0.0001	mg/L	0.0001	0.0001	0.0	No Limit
EM2318304-005	Anonymous	EG035F: Mercury	7439-97-6	0.0001	mg/L	<0.0001	<0.0001	0.0	No Limit
<b>EP080/071: Total Petroleum Hydrocarbons (QC Lot: 5363935)</b>									
EM2318230-004	Anonymous	EP080: C6 - C9 Fraction	----	20	µg/L	<20	<20	0.0	No Limit
EM2318198-001	Anonymous	EP080: C6 - C9 Fraction	----	20	µg/L	30	30	0.0	No Limit
<b>EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 5363935)</b>									
EM2318230-004	Anonymous	EP080: C6 - C10 Fraction	C6_C10	20	µg/L	<20	<20	0.0	No Limit
EM2318198-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	20	µg/L	<20	<20	0.0	No Limit
<b>EP080: BTEXN (QC Lot: 5363935)</b>									
EM2318230-004	Anonymous	EP080: Benzene	71-43-2	1	µg/L	<1	<1	0.0	No Limit
		EP080: Toluene	108-88-3	2	µg/L	<2	<2	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3	2	µg/L	<2	<2	0.0	No Limit
			106-42-3						
		EP080: ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.0	No Limit
EM2318198-001	Anonymous	EP080: Naphthalene	91-20-3	5	µg/L	<5	<5	0.0	No Limit
		EP080: Benzene	71-43-2	1	µg/L	<1	<1	0.0	No Limit
		EP080: Toluene	108-88-3	2	µg/L	<2	<2	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3	2	µg/L	<2	<2	0.0	No Limit
			106-42-3						
		EP080: ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.0	No Limit
		EP080: Naphthalene	91-20-3	5	µg/L	<5	<5	0.0	No Limit



## Method Blank (MB) and Laboratory Control Sample (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: **SOIL**

Sub-Matrix: SOIL				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%)	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result		LCS	Low	High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 5361213)								
EG005T: Arsenic	7440-38-2	5	mg/kg	<5	123 mg/kg	95.9	70.0	130
EG005T: Barium	7440-39-3	10	mg/kg	<10	99.3 mg/kg	111	70.0	130
EG005T: Beryllium	7440-41-7	1	mg/kg	<1	0.67 mg/kg	88.3	70.0	130
EG005T: Boron	7440-42-8	50	mg/kg	<50	----	----	----	----
EG005T: Cadmium	7440-43-9	1	mg/kg	<1	1.23 mg/kg	52.1	50.0	130
EG005T: Chromium	7440-47-3	2	mg/kg	<2	20.2 mg/kg	95.0	70.0	130
EG005T: Cobalt	7440-48-4	2	mg/kg	<2	11.2 mg/kg	87.4	70.0	130
EG005T: Copper	7440-50-8	5	mg/kg	<5	55.9 mg/kg	89.3	70.0	130
EG005T: Lead	7439-92-1	5	mg/kg	<5	62.4 mg/kg	92.9	70.0	130
EG005T: Manganese	7439-96-5	5	mg/kg	<5	590 mg/kg	86.7	70.0	130
EG005T: Molybdenum	7439-98-7	2	mg/kg	<2	2.19 mg/kg	72.1	70.0	130
EG005T: Nickel	7440-02-0	2	mg/kg	<2	15.4 mg/kg	90.0	70.0	130
EG005T: Selenium	7782-49-2	5	mg/kg	<5	----	----	----	----
EG005T: Silver	7440-22-4	2	mg/kg	<2	2.9 mg/kg	77.1	70.0	130
EG005T: Vanadium	7440-62-2	5	mg/kg	<5	61.3 mg/kg	94.0	70.0	130
EG005T: Zinc	7440-66-6	5	mg/kg	<5	162 mg/kg	74.8	70.0	130
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 5363694)								
EG005T: Arsenic	7440-38-2	5	mg/kg	<5	123 mg/kg	112	70.0	130
EG005T: Barium	7440-39-3	10	mg/kg	<10	99.3 mg/kg	113	70.0	130
EG005T: Beryllium	7440-41-7	1	mg/kg	<1	0.67 mg/kg	123	70.0	130
EG005T: Boron	7440-42-8	50	mg/kg	<50	----	----	----	----
EG005T: Cadmium	7440-43-9	1	mg/kg	<1	1.23 mg/kg	67.2	50.0	130
EG005T: Chromium	7440-47-3	2	mg/kg	<2	20.2 mg/kg	111	70.0	130
EG005T: Cobalt	7440-48-4	2	mg/kg	<2	11.2 mg/kg	98.2	70.0	130
EG005T: Copper	7440-50-8	5	mg/kg	<5	55.9 mg/kg	106	70.0	130
EG005T: Lead	7439-92-1	5	mg/kg	<5	62.4 mg/kg	102	70.0	130
EG005T: Manganese	7439-96-5	5	mg/kg	<5	590 mg/kg	102	70.0	130
EG005T: Molybdenum	7439-98-7	2	mg/kg	<2	2.19 mg/kg	73.4	70.0	130
EG005T: Nickel	7440-02-0	2	mg/kg	<2	15.4 mg/kg	104	70.0	130
EG005T: Selenium	7782-49-2	5	mg/kg	<5	----	----	----	----



Sub-Matrix: SOIL				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%) Low High	
Method: Compound	CAS Number	LOR	Unit	Result				
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 5363694) - continued								
EG005T: Silver	7440-22-4	2	mg/kg	<2	2.9 mg/kg	79.6	70.0	130
EG005T: Vanadium	7440-62-2	5	mg/kg	<5	61.3 mg/kg	106	70.0	130
EG005T: Zinc	7440-66-6	5	mg/kg	<5	162 mg/kg	77.6	70.0	130
EG035T: Total Recoverable Mercury by FIMS (QCLot: 5361212)								
EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	0.64 mg/kg	96.9	70.0	130
EG035T: Total Recoverable Mercury by FIMS (QCLot: 5363695)								
EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	0.64 mg/kg	108	70.0	130
EG048: Hexavalent Chromium (Alkaline Digest) (QCLot: 5364002)								
EG048G: Hexavalent Chromium	18540-29-9	0.5	mg/kg	<0.5	20 mg/kg	79.4	70.0	130
EK026SF: Total CN by Segmented Flow Analyser (QCLot: 5367668)								
EK026SF: Total Cyanide	57-12-5	1	mg/kg	<1	20 mg/kg	99.9	70.0	130
EK028SF: Weak Acid Dissociable CN by Segmented Flow Analyser (QCLot: 5367666)								
EK028SF: Weak Acid Dissociable Cyanide	----	1	mg/kg	<1	20 mg/kg	96.2	70.0	130
EK040T: Fluoride Total (QCLot: 5364006)								
EK040T: Fluoride	16984-48-8	40	mg/kg	<40	334 mg/kg	94.6	93.1	107
EP066: Polychlorinated Biphenyls (PCB) (QCLot: 5366035)								
EP066: Total Polychlorinated biphenyls	----	0.1	mg/kg	<0.1	1 mg/kg	96.1	68.0	133
EP068A: Organochlorine Pesticides (OC) (QCLot: 5361169)								
EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	0.5 mg/kg	111	71.8	126
EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	0.5 mg/kg	94.5	72.2	125
EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	0.5 mg/kg	94.5	70.0	124
EP068: gamma-BHC	58-89-9	0.05	mg/kg	<0.05	0.5 mg/kg	98.2	69.1	124
EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	95.4	69.2	125
EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	0.5 mg/kg	95.4	66.6	122
EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	0.5 mg/kg	97.0	68.8	123
EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	0.5 mg/kg	97.3	67.2	124
EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	0.5 mg/kg	96.4	66.0	126
EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	0.5 mg/kg	91.3	70.2	126
EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	0.5 mg/kg	96.8	72.1	124
EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	0.5 mg/kg	96.3	68.0	122
EP068: 4,4`-DDE	72-55-9	0.05	mg/kg	<0.05	0.5 mg/kg	96.5	68.9	124
EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	0.5 mg/kg	92.5	55.8	130
EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	0.5 mg/kg	103	67.9	124
EP068: 4,4`-DDD	72-54-8	0.05	mg/kg	<0.05	0.5 mg/kg	96.8	72.0	127



Sub-Matrix: SOIL				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%) Low High	
Method: Compound	CAS Number	LOR	Unit	Result				
EP068A: Organochlorine Pesticides (OC) (QCLot: 5361169) - continued								
EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	0.5 mg/kg	118	66.3	131
EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	0.5 mg/kg	117	62.4	131
EP068: 4,4'-DDT	50-29-3	0.2	mg/kg	<0.2	0.5 mg/kg	130	55.4	130
EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	0.5 mg/kg	115	68.8	128
EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	0.5 mg/kg	110	55.5	132
EP068A: Organochlorine Pesticides (OC) (QCLot: 5366033)								
EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	0.5 mg/kg	115	71.8	126
EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	0.5 mg/kg	98.6	72.2	125
EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	0.5 mg/kg	101	70.0	124
EP068: gamma-BHC	58-89-9	0.05	mg/kg	<0.05	0.5 mg/kg	102	69.1	124
EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	99.0	69.2	125
EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	0.5 mg/kg	98.8	66.6	122
EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	0.5 mg/kg	101	68.8	123
EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	0.5 mg/kg	100	67.2	124
EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	0.5 mg/kg	104	66.0	126
EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	0.5 mg/kg	108	70.2	126
EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	0.5 mg/kg	101	72.1	124
EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	0.5 mg/kg	102	68.0	122
EP068: 4,4'-DDE	72-55-9	0.05	mg/kg	<0.05	0.5 mg/kg	102	68.9	124
EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	0.5 mg/kg	95.4	55.8	130
EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	0.5 mg/kg	103	67.9	124
EP068: 4,4'-DDD	72-54-8	0.05	mg/kg	<0.05	0.5 mg/kg	100.0	72.0	127
EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	0.5 mg/kg	100	66.3	131
EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	0.5 mg/kg	99.0	62.4	131
EP068: 4,4'-DDT	50-29-3	0.2	mg/kg	<0.2	0.5 mg/kg	80.0	55.4	130
EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	0.5 mg/kg	100	68.8	128
EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	0.5 mg/kg	95.5	55.5	132
EP068B: Organophosphorus Pesticides (OP) (QCLot: 5361169)								
EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	0.5 mg/kg	107	65.6	127
EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	106	63.0	129
EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	0.5 mg/kg	101	10.0	136
EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	0.5 mg/kg	97.6	58.3	128
EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	0.5 mg/kg	101	69.0	122
EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	0.5 mg/kg	98.0	68.0	122



**EP071 SG: Total Petroleum Hydrocarbons - Silica gel cleanup (QCLot: 5366034)**

Sub-Matrix: SOIL				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
Method: Compound	CAS Number	LOR	Unit		Result	Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%) Low High
EP071 SG: Total Petroleum Hydrocarbons - Silica gel cleanup (QCLot: 5366034) - continued								
EP071SG-S: C10 - C14 Fraction	----	50	mg/kg	<50	860 mg/kg	72.5	48.6	129
EP071SG-S: C15 - C28 Fraction	----	100	mg/kg	<100	2770 mg/kg	81.6	67.5	129
EP071SG-S: C29 - C36 Fraction	----	100	mg/kg	<100	1520 mg/kg	79.8	66.5	133
EP071 SG: Total Recoverable Hydrocarbons - NEPM 2013 Fractions - Silica gel cleanup (QCLot: 5366034)								
EP071SG-S: >C10 - C16 Fraction	----	50	mg/kg	<50	1130 mg/kg	76.2	53.8	127
EP071SG-S: >C16 - C34 Fraction	----	100	mg/kg	<100	3730 mg/kg	80.3	64.0	134
EP071SG-S: >C34 - C40 Fraction	----	100	mg/kg	<100	260 mg/kg	82.7	52.2	128
EP074A: Monocyclic Aromatic Hydrocarbons (QCLot: 5363643)								
EP074: Benzene	71-43-2	0.2	mg/kg	<0.2	1 mg/kg	107	66.4	121
EP074: Toluene	108-88-3	0.5	mg/kg	<0.5	1 mg/kg	94.7	70.6	116
EP074: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	1 mg/kg	97.4	70.4	117
EP074: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	2 mg/kg	101	70.0	119
EP074: Styrene	100-42-5	0.5	mg/kg	<0.5	1 mg/kg	96.1	70.8	115
EP074: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	1 mg/kg	104	72.6	120
EP074B: Oxygenated Compounds (QCLot: 5363643)								
EP074: 2-Butanone (MEK)	78-93-3	5	mg/kg	<5	10 mg/kg	98.8	61.2	128
EP074E: Halogenated Aliphatic Compounds (QCLot: 5363643)								
EP074: Vinyl chloride	75-01-4	5	mg/kg	<5	10 mg/kg	106	46.0	138
EP074: 1,1-Dichloroethene	75-35-4	0.5	mg/kg	<0.5	1 mg/kg	95.5	55.2	122
EP074: Methylene chloride	75-09-2	0.5	mg/kg	<0.5	1 mg/kg	123	74.6	144
EP074: 1,1,1-Trichloroethane	71-55-6	0.5	mg/kg	<0.5	1 mg/kg	90.4	57.0	117
EP074: Carbon Tetrachloride	56-23-5	0.5	mg/kg	<0.5	1 mg/kg	86.0	57.7	113
EP074: 1,2-Dichloroethane	107-06-2	0.5	mg/kg	<0.5	1 mg/kg	96.1	68.9	117
EP074: Trichloroethene	79-01-6	0.5	mg/kg	<0.5	1 mg/kg	99.7	65.5	119
EP074: 1,1,2-Trichloroethane	79-00-5	0.5	mg/kg	<0.5	1 mg/kg	103	69.8	118
EP074: Tetrachloroethene	127-18-4	0.5	mg/kg	<0.5	1 mg/kg	92.1	65.6	117
EP074: 1,1,1,2-Tetrachloroethane	630-20-6	0.5	mg/kg	<0.5	1 mg/kg	80.9	62.8	106
EP074: 1,1,1,2,2-Tetrachloroethane	79-34-5	0.5	mg/kg	<0.5	1 mg/kg	109	72.3	127
EP074F: Halogenated Aromatic Compounds (QCLot: 5363643)								
EP074: Chlorobenzene	108-90-7	0.5	mg/kg	<0.5	1 mg/kg	100	72.5	115
EP074G: Trihalomethanes (QCLot: 5363643)								
EP074: Chloroform	67-66-3	0.5	mg/kg	<0.5	1 mg/kg	101	67.5	119
EP075(SIM)A: Phenolic Compounds (QCLot: 5366032)								



Sub-Matrix: **SOIL**

				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result			Low	High
<b>EP075(SIM)A: Phenolic Compounds (QCLot: 5366032) - continued</b>								
EP075(SIM): Phenol	108-95-2	0.5	mg/kg	<0.5	3 mg/kg	95.9	81.2	121
EP075(SIM): 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	3 mg/kg	96.0	81.6	123
EP075(SIM): 3- & 4-Methylphenol	1319-77-3	1	mg/kg	<1	6 mg/kg	94.9	79.7	129
EP075(SIM): 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	3 mg/kg	82.6	71.5	121
EP075(SIM): 2,4,6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	3 mg/kg	104	67.8	119
EP075(SIM): 2,4,5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	3 mg/kg	92.0	64.5	126
EP075(SIM): Pentachlorophenol	87-86-5	2	mg/kg	<2	6 mg/kg	106	10.0	118
<b>EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 5366032)</b>								
EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	3 mg/kg	106	85.7	123
EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	3 mg/kg	104	81.0	123
EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	3 mg/kg	109	83.6	120
EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	3 mg/kg	107	81.3	126
EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	3 mg/kg	96.1	79.4	123
EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	3 mg/kg	93.8	81.7	127
EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	3 mg/kg	110	78.3	124
EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	3 mg/kg	112	79.9	128
EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	3 mg/kg	96.6	76.9	123
EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	3 mg/kg	116	80.9	130
EP075(SIM): Benzo(b+j)fluoranthene	205-99-2	0.5	mg/kg	<0.5	3 mg/kg	119	70.0	121
	205-82-3							
EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	3 mg/kg	105	80.4	130
EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	3 mg/kg	114	70.2	123
EP075(SIM): Indeno(1,2,3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	3 mg/kg	106	67.9	122
EP075(SIM): Dibenz(a,h)anthracene	53-70-3	0.5	mg/kg	<0.5	3 mg/kg	106	65.8	123
EP075(SIM): Benzo(g,h,i)perylene	191-24-2	0.5	mg/kg	<0.5	3 mg/kg	113	65.8	127
<b>EP080/071: Total Petroleum Hydrocarbons (QCLot: 5363644)</b>								
EP080: C6 - C9 Fraction	----	10	mg/kg	<10	36 mg/kg	99.9	58.6	131
<b>EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 5363644)</b>								
EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	45 mg/kg	99.5	59.3	128

Sub-Matrix: **WATER**

				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result			Low	High
<b>EG020F: Dissolved Metals by ICP-MS (QCLot: 5370971)</b>								
EG020A-F: Arsenic	7440-38-2	0.001	mg/L	<0.001	0.1 mg/L	91.7	89.0	111



Sub-Matrix: **WATER**

Sub-Matrix: WATER				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%) Low High	
Method: Compound	CAS Number	LOR	Unit	Result				
EG020F: Dissolved Metals by ICP-MS (QCLot: 5370971) - continued								
EG020A-F: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	0.1 mg/L	92.0	83.5	111
EG020A-F: Chromium	7440-47-3	0.001	mg/L	<0.001	0.1 mg/L	91.0	83.2	109
EG020A-F: Copper	7440-50-8	0.001	mg/L	<0.001	0.1 mg/L	90.9	83.1	107
EG020A-F: Lead	7439-92-1	0.001	mg/L	<0.001	0.1 mg/L	90.9	84.6	108
EG020A-F: Nickel	7440-02-0	0.001	mg/L	<0.001	0.1 mg/L	88.4	84.3	110
EG020A-F: Zinc	7440-66-6	0.005	mg/L	<0.005	0.1 mg/L	95.0	86.3	112
EG035F: Dissolved Mercury by FIMS (QCLot: 5370970)								
EG035F: Mercury	7439-97-6	0.0001	mg/L	<0.0001	0.01 mg/L	107	71.6	116
EP080/071: Total Petroleum Hydrocarbons (QCLot: 5363935)								
EP080: C6 - C9 Fraction	----	20	µg/L	<20	360 µg/L	91.6	66.2	134
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 5363935)								
EP080: C6 - C10 Fraction	C6_C10	20	µg/L	<20	450 µg/L	91.9	66.2	132
EP080: BTEXN (QCLot: 5363935)								
EP080: Benzene	71-43-2	1	µg/L	<1	20 µg/L	82.1	68.8	127
EP080: Toluene	108-88-3	2	µg/L	<2	20 µg/L	91.6	72.9	129
EP080: Ethylbenzene	100-41-4	2	µg/L	<2	20 µg/L	94.5	71.7	130
EP080: meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2	40 µg/L	94.4	72.3	136
EP080: ortho-Xylene	95-47-6	2	µg/L	<2	20 µg/L	96.8	75.9	134
EP080: Naphthalene	91-20-3	5	µg/L	<5	5 µg/L	102	68.3	131

## Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike Concentration	SpikeRecovery(%) MS	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number			Low	High
<b>EG005(ED093)T: Total Metals by ICP-AES (QCLot: 5361213)</b>							
EM2318314-006	Anonymous	EG005T: Arsenic	7440-38-2	50 mg/kg	101	78.0	124
		EG005T: Cadmium	7440-43-9	50 mg/kg	95.3	79.7	116
		EG005T: Chromium	7440-47-3	50 mg/kg	94.9	79.0	121
		EG005T: Copper	7440-50-8	250 mg/kg	94.4	80.0	120
		EG005T: Lead	7439-92-1	250 mg/kg	96.0	80.0	120
		EG005T: Nickel	7440-02-0	50 mg/kg	96.3	78.0	120
		EG005T: Zinc	7440-66-6	250 mg/kg	95.3	80.0	120



Sub-Matrix: SOIL				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 5363694)							
EM2318313-001	Anonymous	EG005T: Arsenic	7440-38-2	50 mg/kg	111	78.0	124
		EG005T: Cadmium	7440-43-9	50 mg/kg	103	79.7	116
		EG005T: Chromium	7440-47-3	50 mg/kg	95.8	79.0	121
		EG005T: Copper	7440-50-8	250 mg/kg	102	80.0	120
		EG005T: Lead	7439-92-1	250 mg/kg	102	80.0	120
		EG005T: Nickel	7440-02-0	50 mg/kg	105	78.0	120
		EG005T: Zinc	7440-66-6	250 mg/kg	91.2	80.0	120
EG035T: Total Recoverable Mercury by FIMS (QCLot: 5361212)							
EM2318314-006	Anonymous	EG035T: Mercury	7439-97-6	0.5 mg/kg	104	76.0	116
EG035T: Total Recoverable Mercury by FIMS (QCLot: 5363695)							
EM2318313-001	Anonymous	EG035T: Mercury	7439-97-6	0.5 mg/kg	104	76.0	116
EG048: Hexavalent Chromium (Alkaline Digest) (QCLot: 5364002)							
EM2318271-003	Anonymous	EG048G: Hexavalent Chromium	18540-29-9	20 mg/kg	60.6	58.0	114
EM2318271-003	Anonymous	EG048G: Hexavalent Chromium	18540-29-9	20 mg/kg	# 21.5	58.0	114
EK026SF: Total CN by Segmented Flow Analyser (QCLot: 5367668)							
EM2318315-006	Anonymous	EK026SF: Total Cyanide	57-12-5	40 mg/kg	88.6	70.0	130
EK028SF: Weak Acid Dissociable CN by Segmented Flow Analyser (QCLot: 5367666)							
EM2318228-005	Anonymous	EK028SF: Weak Acid Dissociable Cyanide	----	20 mg/kg	# 34.2	70.0	130
EK040T: Fluoride Total (QCLot: 5364006)							
EM2318271-003	Anonymous	EK040T: Fluoride	16984-48-8	400 mg/kg	# Not Determined	70.0	130
EP066: Polychlorinated Biphenyls (PCB) (QCLot: 5366035)							
EM2318456-001	Anonymous	EP066: Total Polychlorinated biphenyls	----	1 mg/kg	93.3	63.2	144
EP068A: Organochlorine Pesticides (OC) (QCLot: 5361169)							
EM2318328-002	SS2	EP068: gamma-BHC	58-89-9	0.5 mg/kg	80.3	51.4	139
		EP068: Heptachlor	76-44-8	0.5 mg/kg	85.2	49.1	130
		EP068: Aldrin	309-00-2	0.5 mg/kg	73.7	38.4	135
		EP068: Dieldrin	60-57-1	0.5 mg/kg	89.6	58.4	136
		EP068: Endrin	72-20-8	0.5 mg/kg	81.6	33.0	146
		EP068: 4,4'-DDT	50-29-3	0.5 mg/kg	91.5	20.0	133
EP068A: Organochlorine Pesticides (OC) (QCLot: 5366033)							
EM2318328-005	SB1_0.0-0.2	EP068: gamma-BHC	58-89-9	0.5 mg/kg	78.8	51.4	139
		EP068: Heptachlor	76-44-8	0.5 mg/kg	98.8	49.1	130
		EP068: Aldrin	309-00-2	0.5 mg/kg	95.6	38.4	135
		EP068: Dieldrin	60-57-1	0.5 mg/kg	101	58.4	136
		EP068: Endrin	72-20-8	0.5 mg/kg	106	33.0	146



Sub-Matrix: SOIL				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP068A: Organochlorine Pesticides (OC) (QCLot: 5366033) - continued							
EM2318328-005	SB1_0.0-0.2	EP068: 4,4'-DDT	50-29-3	0.5 mg/kg	77.0	20.0	133
EP068B: Organophosphorus Pesticides (OP) (QCLot: 5361169)							
EM2318328-002	SS2	EP068: Diazinon	333-41-5	0.5 mg/kg	72.6	65.1	135
		EP068: Chlorpyrifos-methyl	5598-13-0	0.5 mg/kg	82.0	56.3	127
		EP068: Pirimphos-ethyl	23505-41-1	0.5 mg/kg	83.5	55.0	133
		EP068: Bromophos-ethyl	4824-78-6	0.5 mg/kg	88.2	55.1	133
		EP068: Prothiofos	34643-46-4	0.5 mg/kg	84.4	43.8	128
EP068B: Organophosphorus Pesticides (OP) (QCLot: 5366033)							
EM2318328-005	SB1_0.0-0.2	EP068: Diazinon	333-41-5	0.5 mg/kg	91.0	65.1	135
		EP068: Chlorpyrifos-methyl	5598-13-0	0.5 mg/kg	98.6	56.3	127
		EP068: Pirimphos-ethyl	23505-41-1	0.5 mg/kg	102	55.0	133
		EP068: Bromophos-ethyl	4824-78-6	0.5 mg/kg	110	55.1	133
		EP068: Prothiofos	34643-46-4	0.5 mg/kg	88.4	43.8	128
EP071 SG: Total Petroleum Hydrocarbons - Silica gel cleanup (QCLot: 5366034)							
EM2318456-001	Anonymous	EP071SG-S: C10 - C14 Fraction	----	860 mg/kg	61.2	45.8	126
		EP071SG-S: C15 - C28 Fraction	----	2770 mg/kg	71.2	64.7	122
		EP071SG-S: C29 - C36 Fraction	----	1520 mg/kg	69.6	62.8	126
EP071 SG: Total Recoverable Hydrocarbons - NEPM 2013 Fractions - Silica gel cleanup (QCLot: 5366034)							
EM2318456-001	Anonymous	EP071SG-S: >C10 - C16 Fraction	----	1130 mg/kg	64.4	49.8	122
		EP071SG-S: >C16 - C34 Fraction	----	3730 mg/kg	70.2	66.0	124
		EP071SG-S: >C34 - C40 Fraction	----	260 mg/kg	71.4	49.4	124
EP074A: Monocyclic Aromatic Hydrocarbons (QCLot: 5363643)							
EM2318364-005	Anonymous	EP074: Benzene	71-43-2	2 mg/kg	95.4	51.0	137
		EP074: Toluene	108-88-3	2 mg/kg	77.1	54.0	141
EP074E: Halogenated Aliphatic Compounds (QCLot: 5363643)							
EM2318364-005	Anonymous	EP074: 1,1-Dichloroethene	75-35-4	2 mg/kg	80.4	29.0	141
		EP074: Trichloroethene	79-01-6	2 mg/kg	75.9	50.0	126
EP074F: Halogenated Aromatic Compounds (QCLot: 5363643)							
EM2318364-005	Anonymous	EP074: Chlorobenzene	108-90-7	2 mg/kg	79.3	65.0	133
EP075(SIM)A: Phenolic Compounds (QCLot: 5366032)							
EM2318328-005	SB1_0.0-0.2	EP075(SIM): Phenol	108-95-2	3 mg/kg	88.9	77.1	119
		EP075(SIM): 4-Chloro-3-methylphenol	59-50-7	3 mg/kg	90.3	61.5	120
		EP075(SIM): Pentachlorophenol	87-86-5	3 mg/kg	73.6	15.3	139
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 5366032)							
EM2318328-005	SB1_0.0-0.2	EP075(SIM): Acenaphthene	83-32-9	3 mg/kg	92.9	77.2	116
		EP075(SIM): Pyrene	129-00-0	3 mg/kg	86.5	65.5	136



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 Work Order : EM2318328  
 Client : Jones Environmental  
 Project : JE10406



Sub-Matrix: SOIL				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP080/071: Total Petroleum Hydrocarbons (QCLot: 5363644)							
EM2318364-005	Anonymous	EP080: C6 - C9 Fraction	----	28 mg/kg	79.8	33.4	124
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 5363644)							
EM2318364-005	Anonymous	EP080: C6 - C10 Fraction	C6_C10	33 mg/kg	76.6	30.8	120
Sub-Matrix: WATER				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EG020F: Dissolved Metals by ICP-MS (QCLot: 5370971)							
EM2318311-005	Anonymous	EG020A-F: Arsenic	7440-38-2	0.2 mg/L	93.3	76.6	124
		EG020A-F: Cadmium	7440-43-9	0.05 mg/L	# Not Determined	74.6	118
		EG020A-F: Chromium	7440-47-3	0.2 mg/L	96.4	71.0	135
		EG020A-F: Copper	7440-50-8	0.2 mg/L	98.0	76.0	130
		EG020A-F: Lead	7439-92-1	0.2 mg/L	86.9	75.0	133
		EG020A-F: Nickel	7440-02-0	0.2 mg/L	95.3	73.0	131
		EG020A-F: Zinc	7440-66-6	0.2 mg/L	# Not Determined	75.0	131
EG035F: Dissolved Mercury by FIMS (QCLot: 5370970)							
EM2318302-002	Anonymous	EG035F: Mercury	7439-97-6	0.01 mg/L	106	70.0	120
EP080/071: Total Petroleum Hydrocarbons (QCLot: 5363935)							
EM2318198-002	Anonymous	EP080: C6 - C9 Fraction	----	280 µg/L	33.9	33.9	126
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 5363935)							
EM2318198-002	Anonymous	EP080: C6 - C10 Fraction	C6_C10	330 µg/L	46.6	34.0	122
EP080: BTEXN (QCLot: 5363935)							
EM2318198-002	Anonymous	EP080: Benzene	71-43-2	20 µg/L	92.4	56.3	133
		EP080: Toluene	108-88-3	20 µg/L	101	60.4	132



## QA/QC Compliance Assessment to assist with Quality Review

Work Order	: EM2318328	Page	: 1 of 10
Client	: Jones Environmental	Laboratory	: Environmental Division Melbourne
Contact	: PATRICIA JONES	Telephone	: +61-3-8549 9600
Project	: JE10406	Date Samples Received	: 13-Oct-2023
Site	: ----	Issue Date	: 23-Oct-2023
Sampler	: RJ	No. of samples received	: 47
Order number	: ----	No. of samples analysed	: 20

This report is automatically generated by the ALS LIMS through interpretation of the ALS Quality Control Report and several Quality Assurance parameters measured by ALS. This automated reporting highlights any non-conformances, facilitates faster and more accurate data validation and is designed to assist internal expert and external Auditor review. Many components of this report contribute to the overall DQO assessment and reporting for guideline compliance.

Brief method summaries and references are also provided to assist in traceability.

### Summary of Outliers

#### Outliers : Quality Control Samples

This report highlights outliers flagged in the Quality Control (QC) Report.

- NO Method Blank value outliers occur.
- NO Duplicate outliers occur.
- NO Laboratory Control outliers occur.
- Matrix Spike outliers exist - please see following pages for full details.
- For all regular sample matrices, NO surrogate recovery outliers occur.

#### Outliers : Analysis Holding Time Compliance

- NO Analysis Holding Time Outliers exist.

#### Outliers : Frequency of Quality Control Samples

- NO Quality Control Sample Frequency Outliers exist.



### Outliers : Quality Control Samples

Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes

Matrix: **SOIL**

Compound Group Name	Laboratory Sample ID	Client Sample ID	Analyte	CAS Number	Data	Limits	Comment
<b>Matrix Spike (MS) Recoveries</b>							
EG048: Hexavalent Chromium (Alkaline Digest)	EM2318271--003	Anonymous	Hexavalent Chromium	18540-29-9	21.5 %	58.0-114%	Recovery less than lower data quality objective
EK028SF: Weak Acid Dissociable CN by Segmented F	EM2318228--005	Anonymous	Weak Acid Dissociable Cyanide	----	34.2 %	70.0-130%	Recovery less than lower data quality objective
EK040T: Fluoride Total	EM2318271--003	Anonymous	Fluoride	16984-48-8	Not Determined	----	MS recovery not determined, background level greater than or equal to 4x spike level.

Matrix: **WATER**

Compound Group Name	Laboratory Sample ID	Client Sample ID	Analyte	CAS Number	Data	Limits	Comment
<b>Matrix Spike (MS) Recoveries</b>							
EG020F: Dissolved Metals by ICP-MS	EM2318311--005	Anonymous	Cadmium	7440-43-9	Not Determined	----	MS recovery not determined, background level greater than or equal to 4x spike level.
EG020F: Dissolved Metals by ICP-MS	EM2318311--005	Anonymous	Zinc	7440-66-6	Not Determined	----	MS recovery not determined, background level greater than or equal to 4x spike level.

### Analysis Holding Time Compliance

If samples are identified below as having been analysed or extracted outside of recommended holding times, this should be taken into consideration when interpreting results.

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times (referencing USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Dates reported represent first date of extraction or analysis and preclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding time for leachate methods (e.g. TCLP) vary according to the analytes reported. Assessment compares the leach date with the shortest analyte holding time for the equivalent soil method. These are: organics 14 days, mercury 28 days & other metals 180 days. A recorded breach does not guarantee a breach for all non-volatile parameters.

Holding times for VOC in soils vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Matrix: **SOIL**

Evaluation: ✖ = Holding time breach ; ✔ = Within holding time.

Method Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation

Evaluation: ✖ = Holding time breach ; ✔ = Within holding time.

Method	Sample Date	Extraction / Preparation			Analysis		
Container / Client Sample ID(s)		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
<b>EA055: Moisture Content (Dried @ 105-110°C)</b>							
<b>Soil Glass Jar - Unpreserved (EA055)</b>							
SS1, SS3, SB1_0.5-0.7, SB2_0.0-0.2, SB2_3.0-3.2, SB3_2.0-2.2, SB4_2.0-2.2, SB5_0.5-0.7, SS2, QC1, SB1_3.5, SB2_0.5-0.7, SB3_0.0-0.2, SB4_0.0-0.2, SB4_3.5, SB5_3.5	12-Oct-2023	----	----	----	16-Oct-2023	26-Oct-2023	✓
<b>Soil Glass Jar - Unpreserved (EA055)</b> SB1_0.0-0.2	12-Oct-2023	----	----	----	17-Oct-2023	26-Oct-2023	✓
<b>EA200: AS 4964 - 2004 Identification of Asbestos in Soils</b>							
<b>Snap Lock Bag (EA200)</b>							
SB1_0.0-0.2, SB5_0.0-0.2, SB2_0.0-0.2	12-Oct-2023	----	----	----	16-Oct-2023	09-Apr-2024	✓
<b>EG005(ED093)T: Total Metals by ICP-AES</b>							
<b>Soil Glass Jar - Unpreserved (EG005T)</b>							
SS1, SS3, SB1_0.5-0.7, SB2_0.0-0.2, SB2_3.0-3.2, SS2, QC1, SB1_3.5, SB2_0.5-0.7	12-Oct-2023	16-Oct-2023	09-Apr-2024	✓	16-Oct-2023	09-Apr-2024	✓
<b>Soil Glass Jar - Unpreserved (EG005T)</b> SB1_0.0-0.2, SB3_2.0-2.2, SB4_2.0-2.2, SB5_0.5-0.7, SB3_0.0-0.2, SB4_0.0-0.2, SB4_3.5, SB5_3.5	12-Oct-2023	17-Oct-2023	09-Apr-2024	✓	17-Oct-2023	09-Apr-2024	✓
<b>EG035T: Total Recoverable Mercury by FIMS</b>							
<b>Soil Glass Jar - Unpreserved (EG035T)</b>							
SS1, SS3, SB1_0.5-0.7, SB2_0.0-0.2, SB2_3.0-3.2, SS2, QC1, SB1_3.5, SB2_0.5-0.7	12-Oct-2023	16-Oct-2023	09-Nov-2023	✓	17-Oct-2023	09-Nov-2023	✓
<b>Soil Glass Jar - Unpreserved (EG035T)</b> SB1_0.0-0.2, SB3_2.0-2.2, SB4_2.0-2.2, SB5_0.5-0.7, SB3_0.0-0.2, SB4_0.0-0.2, SB4_3.5, SB5_3.5	12-Oct-2023	17-Oct-2023	09-Nov-2023	✓	17-Oct-2023	09-Nov-2023	✓
<b>EG048: Hexavalent Chromium (Alkaline Digest)</b>							
<b>Soil Glass Jar - Unpreserved (EG048G)</b> SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	09-Nov-2023	✓	17-Oct-2023	24-Oct-2023	✓



Matrix: **SOIL**

Evaluation: ✖ = Holding time breach ; ✔ = Within holding time.

Method	Sample Date	Extraction / Preparation			Analysis		
Container / Client Sample ID(s)		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EK026SF: Total CN by Segmented Flow Analyser							
Soil Glass Jar - Unpreserved (EK026SF) SB1_0.0-0.2	12-Oct-2023	18-Oct-2023	26-Oct-2023	✓	22-Oct-2023	01-Nov-2023	✓
EK028SF: Weak Acid Dissociable CN by Segmented Flow Analyser							
Soil Glass Jar - Unpreserved (EK028SF) SB1_0.0-0.2	12-Oct-2023	18-Oct-2023	26-Oct-2023	✓	22-Oct-2023	01-Nov-2023	✓
EK040T: Fluoride Total							
Soil Glass Jar - Unpreserved (EK040T) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	09-Nov-2023	✓	18-Oct-2023	09-Nov-2023	✓
EP066: Polychlorinated Biphenyls (PCB)							
Soil Glass Jar - Unpreserved (EP066) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	26-Oct-2023	✓	19-Oct-2023	26-Nov-2023	✓
EP068A: Organochlorine Pesticides (OC)							
Soil Glass Jar - Unpreserved (EP068) SS1, SS2, SS3, QC1, SB1_0.5-0.7, SB2_0.0-0.2, SB2_0.5-0.7, SB3_0.0-0.2, SB4_0.0-0.2, SB5_0.5-0.7	12-Oct-2023	16-Oct-2023	26-Oct-2023	✓	17-Oct-2023	25-Nov-2023	✓
Soil Glass Jar - Unpreserved (EP068) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	26-Oct-2023	✓	18-Oct-2023	26-Nov-2023	✓
EP068B: Organophosphorus Pesticides (OP)							
Soil Glass Jar - Unpreserved (EP068) SS1, SS2, SS3, QC1, SB1_0.5-0.7, SB2_0.0-0.2, SB2_0.5-0.7, SB3_0.0-0.2, SB4_0.0-0.2, SB5_0.5-0.7	12-Oct-2023	16-Oct-2023	26-Oct-2023	✓	17-Oct-2023	25-Nov-2023	✓
Soil Glass Jar - Unpreserved (EP068) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	26-Oct-2023	✓	18-Oct-2023	26-Nov-2023	✓
EP071 SG: Total Recoverable Hydrocarbons - NEPM 2013 Fractions - Silica gel cleanup							
Soil Glass Jar - Unpreserved (EP071SG-S) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	26-Oct-2023	✓	19-Oct-2023	26-Nov-2023	✓
EP071 SG-S: Total Petroleum Hydrocarbons in Soil - Silica gel cleanup							
Soil Glass Jar - Unpreserved (EP071SG-S) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	26-Oct-2023	✓	19-Oct-2023	26-Nov-2023	✓
EP074A: Monocyclic Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP074) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	19-Oct-2023	✓	17-Oct-2023	19-Oct-2023	✓
EP074B: Oxygenated Compounds							
Soil Glass Jar - Unpreserved (EP074) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	19-Oct-2023	✓	17-Oct-2023	19-Oct-2023	✓

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 Work Order : EM2318328  
 Client : Jones Environmental  
 Project : JE10406



Matrix: **SOIL**

Evaluation: ✖ = Holding time breach ; ✔ = Within holding time.

Method	Sample Date	Extraction / Preparation			Analysis		
Container / Client Sample ID(s)		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
<b>EP074E: Halogenated Aliphatic Compounds</b>							
Soil Glass Jar - Unpreserved (EP074) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	19-Oct-2023	✔	17-Oct-2023	19-Oct-2023	✔
<b>EP074F: Halogenated Aromatic Compounds</b>							
Soil Glass Jar - Unpreserved (EP074) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	19-Oct-2023	✔	17-Oct-2023	19-Oct-2023	✔
<b>EP074G: Trihalomethanes</b>							
Soil Glass Jar - Unpreserved (EP074) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	19-Oct-2023	✔	17-Oct-2023	19-Oct-2023	✔
<b>EP075(SIM)A: Phenolic Compounds</b>							
Soil Glass Jar - Unpreserved (EP075(SIM)) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	26-Oct-2023	✔	18-Oct-2023	26-Nov-2023	✔
<b>EP075(SIM)B: Polynuclear Aromatic Hydrocarbons</b>							
Soil Glass Jar - Unpreserved (EP075(SIM)) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	26-Oct-2023	✔	18-Oct-2023	26-Nov-2023	✔
<b>EP080/071: Total Petroleum Hydrocarbons</b>							
Soil Glass Jar - Unpreserved (EP080) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	26-Oct-2023	✔	17-Oct-2023	26-Oct-2023	✔
<b>EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions</b>							
Soil Glass Jar - Unpreserved (EP080) SB1_0.0-0.2	12-Oct-2023	17-Oct-2023	26-Oct-2023	✔	17-Oct-2023	26-Oct-2023	✔

Matrix: **WATER**

Evaluation: ✖ = Holding time breach ; ✔ = Within holding time.

Method	Sample Date	Extraction / Preparation			Analysis		
Container / Client Sample ID(s)		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
<b>EG020F: Dissolved Metals by ICP-MS</b>							
Clear Plastic Bottle - Nitric Acid; Filtered (EG020A-F) QC3	12-Oct-2023	----	----	----	19-Oct-2023	09-Apr-2024	✔
<b>EG035F: Dissolved Mercury by FIMS</b>							
Clear Plastic Bottle - Nitric Acid; Filtered (EG035F) QC3	12-Oct-2023	----	----	----	20-Oct-2023	09-Nov-2023	✔
<b>EP080/071: Total Petroleum Hydrocarbons</b>							
Amber VOC Vial - Sulfuric Acid (EP080) QC4	12-Oct-2023	18-Oct-2023	26-Oct-2023	✔	18-Oct-2023	26-Oct-2023	✔
<b>EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions</b>							
Amber VOC Vial - Sulfuric Acid (EP080) QC4	12-Oct-2023	18-Oct-2023	26-Oct-2023	✔	18-Oct-2023	26-Oct-2023	✔
<b>EP080: BTEXN</b>							
Amber VOC Vial - Sulfuric Acid (EP080) QC4	12-Oct-2023	18-Oct-2023	26-Oct-2023	✔	18-Oct-2023	26-Oct-2023	✔





## Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(were) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix: **SOIL**

Evaluation: ✖ = Quality Control frequency not within specification ; ✔ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	Method	QC	Regular	Actual	Expected	Evaluation	
Laboratory Duplicates (DUP)							
Hexavalent Chromium by Alkaline Digestion and DA Finish	EG048G	2	16	12.50	10.00	✔	NEPM 2013 B3 & ALS QC Standard
Moisture Content	EA055	6	51	11.76	10.00	✔	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (SIM)	EP075(SIM)	1	2	50.00	10.00	✔	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	2	12	16.67	10.00	✔	NEPM 2013 B3 & ALS QC Standard
Polychlorinated Biphenyls (PCB)	EP066	1	2	50.00	10.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Cyanide by Segmented Flow Analyser	EK026SF	2	10	20.00	10.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Fluoride	EK040T	1	8	12.50	10.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	4	40	10.00	10.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	4	40	10.00	10.00	✔	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction (Silica Gel Clean Up)	EP071SG-S	1	2	50.00	10.00	✔	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	2	18	11.11	10.00	✔	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	8	12.50	10.00	✔	NEPM 2013 B3 & ALS QC Standard
WAD Cyanide by Segmented Flow Analyser	EK028SF	1	4	25.00	10.00	✔	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
Hexavalent Chromium by Alkaline Digestion and DA Finish	EG048G	2	16	12.50	10.00	✔	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (SIM)	EP075(SIM)	1	2	50.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	2	12	16.67	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Polychlorinated Biphenyls (PCB)	EP066	1	2	50.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Cyanide by Segmented Flow Analyser	EK026SF	1	10	10.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Fluoride	EK040T	1	8	12.50	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	2	40	5.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	2	40	5.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction (Silica Gel Clean Up)	EP071SG-S	1	2	50.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	18	5.56	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	8	12.50	5.00	✔	NEPM 2013 B3 & ALS QC Standard
WAD Cyanide by Segmented Flow Analyser	EK028SF	1	4	25.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
Hexavalent Chromium by Alkaline Digestion and DA Finish	EG048G	1	16	6.25	5.00	✔	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (SIM)	EP075(SIM)	1	2	50.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	2	12	16.67	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Polychlorinated Biphenyls (PCB)	EP066	1	2	50.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Cyanide by Segmented Flow Analyser	EK026SF	1	10	10.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Fluoride	EK040T	1	8	12.50	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	2	40	5.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	2	40	5.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction (Silica Gel Clean Up)	EP071SG-S	1	2	50.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard



Matrix: **SOIL**

Evaluation: ✖ = Quality Control frequency not within specification ; ✔ = Quality Control frequency within specification .

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	Method	QC	Regular	Actual	Expected	Evaluation	
Method Blanks (MB) - Continued							
TRH Volatiles/BTEX	EP080	1	18	5.56	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	8	12.50	5.00	✔	NEPM 2013 B3 & ALS QC Standard
WAD Cyanide by Segmented Flow Analyser	EK028SF	1	4	25.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
Hexavalent Chromium by Alkaline Digestion and DA Finish	EG048G	2	16	12.50	10.00	✔	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (SIM)	EP075(SIM)	1	2	50.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	2	12	16.67	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Polychlorinated Biphenyls (PCB)	EP066	1	2	50.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Cyanide by Segmented Flow Analyser	EK026SF	1	10	10.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Fluoride	EK040T	1	8	12.50	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	2	40	5.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	2	40	5.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction (Silica Gel Clean Up)	EP071SG-S	1	2	50.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	18	5.56	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	8	12.50	5.00	✔	NEPM 2013 B3 & ALS QC Standard
WAD Cyanide by Segmented Flow Analyser	EK028SF	1	4	25.00	5.00	✔	NEPM 2013 B3 & ALS QC Standard

Matrix: **WATER**

Evaluation: ✖ = Quality Control frequency not within specification ; ✔ = Quality Control frequency within specification .

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	Method	QC	Regular	Actual	Expected	Evaluation	
Laboratory Duplicates (DUP)							
Dissolved Mercury by FIMS	EG035F	2	20	10.00	10.00	✓	NEPM 2013 B3 & ALS QC Standard
Dissolved Metals by ICP-MS - Suite A	EG020A-F	2	17	11.76	10.00	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	2	20	10.00	10.00	✓	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
Dissolved Mercury by FIMS	EG035F	1	20	5.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Dissolved Metals by ICP-MS - Suite A	EG020A-F	1	17	5.88	5.00	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	20	5.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
Dissolved Mercury by FIMS	EG035F	1	20	5.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Dissolved Metals by ICP-MS - Suite A	EG020A-F	1	17	5.88	5.00	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	20	5.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
Dissolved Mercury by FIMS	EG035F	1	20	5.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Dissolved Metals by ICP-MS - Suite A	EG020A-F	1	17	5.88	5.00	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	20	5.00	5.00	✓	NEPM 2013 B3 & ALS QC Standard



## Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
Moisture Content	EA055	SOIL	In house: A gravimetric procedure based on weight loss over a 12 hour drying period at 105-110 degrees C. This method is compliant with NEPM Schedule B(3).
Asbestos Identification in Soils	EA200	SOIL	AS 4964 Method for the qualitative identification of asbestos in bulk samples Analysis by Polarised Light Microscopy including dispersion staining
Total Metals by ICP-AES	EG005T	SOIL	In house: Referenced to APHA 3120; USEPA SW 846 - 6010. Metals are determined following an appropriate acid digestion of the soil. The ICPAES technique ionises samples in a plasma, emitting a characteristic spectrum based on metals present. Intensities at selected wavelengths are compared against those of matrix matched standards. This method is compliant with NEPM Schedule B(3)
Total Mercury by FIMS	EG035T	SOIL	In house: Referenced to APHA 3112 Hg - B (Flow-injection (SnCl <sub>2</sub> ) (Cold Vapour generation) AAS) FIM-AAS is an automated flameless atomic absorption technique. Mercury in solids are determined following an appropriate acid digestion. Ionic mercury is reduced online to atomic mercury vapour by SnCl <sub>2</sub> which is then purged into a heated quartz cell. Quantification is by comparing absorbance against a calibration curve. This method is compliant with NEPM Schedule B(3)
Hexavalent Chromium by Alkaline Digestion and DA Finish	EG048G	SOIL	In house: Referenced to USEPA SW846, Method 3060. Hexavalent chromium is extracted by alkaline digestion. The digest is determined by photometrically by automatic discrete analyser, following pH adjustment. The instrument uses colour development using dephenylcarbazide. Each run of samples is measured against a five-point calibration curve. This method is compliant with NEPM Schedule B(3)
Total Cyanide by Segmented Flow Analyser	EK026SF	SOIL	In house: Referenced to APHA 4500-CN C / ASTM D7511 / ISO 14403. Caustic leachates of soil samples are introduced into an automated segmented flow analyser. Complex bound cyanide is decomposed in a continuously flowing stream, at a pH of 3.8, by the effect of UV light. A UV-B lamp (312 nm) and a decomposition spiral of borosilicate glass are used to filter out UV light with a wavelength of less than 290 nm thus preventing the conversion of thiocyanate into cyanide. The hydrogen cyanide present at a pH of 3.8 is separated by gas dialysis. The hydrogen cyanide is then determined photometrically, based on the reaction of cyanide with chloramine-T to form cyanogen chloride. This then reacts with 4-pyridine carboxylic acid and 1,3-dimethylbarbituric acid to give a red colour which is measured at 600 nm. This method is compliant with NEPM Schedule B(3).
WAD Cyanide by Segmented Flow Analyser	EK028SF	SOIL	In house: Referenced to APHA 4500-CN C&O / ISO 14403. Caustic leachates of soil samples are introduced into an automated segmented flow analyser. Hydrogen cyanide is liberated from a slightly acidified (pH 4.5) and is dialysed. Tight cyanide complexes that would not be amenable to oxidation by chlorine are not converted. Iron cyanide complexes are precipitated with zinc acetate. Liberated HCN diffuses through a membrane into a stream of sodium hydroxide where it is carried as CN <sup>-</sup> . The cyanide in caustic solution is buffered to pH 5.2 and further converted to cyanogen chloride by reaction with chloramine-T. Cyanogen chloride subsequently reacts with 4-pyridine carboxylic and 1,3-dimethylbarbituric acids to give a red colour complex. This colour is measured at 600 nm. This method is compliant with NEPM Schedule B(3).
Total Fluoride	EK040T	SOIL	(In-house) Total fluoride is determined by ion specific electrode (ISE) in a solution obtained after a Sodium Carbonate / Potassium Carbonate fusion dissolution.



Analytical Methods	Method	Matrix	Method Descriptions
Polychlorinated Biphenyls (PCB)	EP066	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3).
Pesticides by GCMS	EP068	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
TRH - Semivolatile Fraction (Silica Gel Clean Up)	EP071SG-S	SOIL	In house: Referenced to USEPA SW 846 - 8015. Sample extracts are analysed by Capillary GC/FID and quantified against alkane standards over the range C10 - C40. Compliant with NEPM Schedule B(3).
Volatile Organic Compounds	EP074	SOIL	In house: Referenced to USEPA SW 846 - 8260 Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3).
PAH/Phenols (SIM)	EP075(SIM)	SOIL	In house: Referenced to USEPA SW 846 - 8270. Extracts are analysed by Capillary GC/MS in Selective Ion Mode (SIM) and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3)
TRH Volatiles/BTEX	EP080	SOIL	In house: Referenced to USEPA SW 846 - 8260. Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. Compliant with NEPM Schedule B(3) amended.
Dissolved Metals by ICP-MS - Suite A	EG020A-F	WATER	In house: Referenced to APHA 3125; USEPA SW846 - 6020, ALS QWI-EN/EG020. Samples are 0.45µm filtered prior to analysis. The ICPMS technique utilizes a highly efficient argon plasma to ionize selected elements. Ions are then passed into a high vacuum mass spectrometer, which separates the analytes based on their distinct mass to charge ratios prior to their measurement by a discrete dynode ion detector.
Dissolved Mercury by FIMS	EG035F	WATER	In house: Referenced to APHA 3112 Hg - B (Flow-injection (SnCl <sub>2</sub> )(Cold Vapour generation) AAS) Samples are 0.45µm filtered prior to analysis. FIM-AAS is an automated flameless atomic absorption technique. A bromate/bromide reagent is used to oxidise any organic mercury compounds in the filtered sample. The ionic mercury is reduced online to atomic mercury vapour by SnCl <sub>2</sub> which is then purged into a heated quartz cell. Quantification is by comparing absorbance against a calibration curve. This method is compliant with NEPM Schedule B(3).
TRH Volatiles/BTEX	EP080	WATER	In house: Referenced to USEPA SW 846 - 8260 Water samples are directly purged prior to analysis by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. Alternatively, a sample is equilibrated in a headspace vial and a portion of the headspace determined by GCMS analysis. This method is compliant with the QC requirements of NEPM Schedule B(3)

Preparation Methods	Method	Matrix	Method Descriptions
NaOH leach for CN in Soils	CN-PR	SOIL	In house: APHA 4500 CN. Samples are extracted by end-over-end tumbling with NaOH.
Alkaline digestion for Hexavalent Chromium	EG048PR	SOIL	In house: Referenced to USEPA SW846, Method 3060A.
Total Fluoride	EK040T-PR	SOIL	In house: Samples are fused with Sodium Carbonate / Potassium Carbonate flux.
Hot Block Digest for metals in soils sediments and sludges	EN69	SOIL	In house: Referenced to USEPA 200.2. Hot Block Acid Digestion 1.0g of sample is heated with Nitric and Hydrochloric acids, then cooled. Peroxide is added and samples heated and cooled again before being filtered and bulked to volume for analysis. Digest is appropriate for determination of selected metals in sludge, sediments, and soils. This method is compliant with NEPM Schedule B(3).



Preparation Methods	Method	Matrix	Method Descriptions
Methanolic Extraction of Soils for Purge and Trap	ORG16	SOIL	In house: Referenced to USEPA SW 846 - 5030A. 5g of solid is shaken with surrogate and 10mL methanol prior to analysis by Purge and Trap - GC/MS.
Tumbler Extraction of Solids	ORG17	SOIL	In house: Mechanical agitation (tumbler). 10g of sample, Na2SO4 and surrogate are extracted with 30mL 1:1 DCM/Acetone by end over end tumble. The solvent is decanted, dehydrated and concentrated (by KD) to the desired volume for analysis.
Volatiles Water Preparation	ORG16-W	WATER	A 5 mL aliquot or 5 mL of a diluted sample is added to a 40 mL VOC vial for purging.



## CHAIN OF CUSTODY

ALS

FREIGHT

CLIENT: JEC	TURNAROUND REQUIREMENTS : (Standard TAT may be longer for some tests e.g. Ultra Trace Organics)	<input checked="" type="checkbox"/> STANDARD TAT (List due date): <input type="checkbox"/> Non Standard or urgent TAT (List due date):	FOR LABORATORY USE ONLY (Circle) Custody Seal Intact? Yes No N/A Free ice / frozen ice bricks present upon receipt? Yes No N/A Random Sample Temperature on Receipt: °C Other comment:	
OFFICE:				
PROJECT: JE10406				
ORDER NUMBER:				
PROJECT MANAGER: Patricia Jones	CONTACT PH: 0424490551			
SAMPLER: Russell Jones	SAMPLER MOBILE:	RELINQUISHED BY:	RECEIVED BY: <i>Carlton (ALS)</i>	RELINQUISHED BY:
	EDD FORMAT (or default):	DATE/TIME:	DATE/TIME: 13/10/23 12:10	DATE/TIME:
Email Reports to (will default to PM if no other addresses are listed): patricia@jonesenvironmental.net				
Email Invoice to (will default to PM if no other addresses are listed): russell@jonesenvironmental.net		12/10/23 @ 3:30pm		

## COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL:

ALS USE	SAMPLE DETAILS MATRIX: SOLID (S) WATER (W)			CONTAINER INFORMATION		ANALYSIS REQUIRED including SUITES (NB. Suite Codes must be listed to attract suite price) Where Metals are required, specify Total (unfiltered bottle required) or Dissolved (field filtered bottle required).												Additional Information	
LAB ID	SAMPLE ID	DATE / TIME	MATRIX	TYPE & PRESERVATIVE (to codes below)	(refer	TOTAL CONTAINERS	S-12	S3	S-18	W2	EA200G	S2	P-7/4 Short						Comments on likely contaminant levels, dilutions, or samples requiring specific QC analysis etc.
1	SS1	12/10/23	S	1 x soil jar			x					x							
2	SS2	12/10/23	S	1 x soil jar			x					x							
2	SS3	12/10/23	S	1 x soil jar			x					x							
4	SS4	12/10/23	S	1 x soil jar			x					x							
5	SB1 0.0-0.2	12/10/23	S	1 x soil jar							x								
6	SB1 0.5-0.7	12/10/23	S	1 x soil jar			x	x						x					
7	SB1 1.0-1.2	12/10/23	S	1 x soil jar															
8	SB1 2.0-2.2	12/10/23	S	1 x soil jar															
9	SB1 3.0-3.2	12/10/23	S	1 x soil jar															
10	SB1 3.5	12/10/23	S	1 x soil jar															
11	SB2 0.0-0.2	12/10/23	S	1 x soil jar				x											
12	SB2 0.5-0.7	12/10/23	S	1 x soil jar			x	x			x								
13	SB2 1.0-1.2	12/10/23	S	1 x soil jar			x	x											
14	SB2 2.0-2.2	12/10/23	S	1 x soil jar															
15	SB2 3.0-3.2	12/10/23	S	1 x soil jar															
16	SB2 3.5	12/10/23	S	1 x soil jar															
17	SB3 0.0-0.2	12/10/23	S	1 x soil jar			x	x											
18	SB3 0.5-0.7	12/10/23	S	1 x soil jar															
19	SB3 1.0-1.2	12/10/23	S	1 x soil jar															
20	SB3 2.0-2.2	12/10/23	S	1 x soil jar															
21	SB3 3.0-3.2	12/10/23	S	1 x soil jar															
22	SB3 3.5	12/10/23	S	1 x soil jar															
23	SB4 0.0-0.2	12/10/23	S	1 x soil jar			x	x											
24	SB4 0.5-0.7	12/10/23	S	1 x soil jar															
25	SB4 1.0-1.2	12/10/23	S	1 x soil jar															
26	SB4 2.0-2.2	12/10/23	S	1 x soil jar															
27	SB4 3.0-3.2	12/10/23	S	1 x soil jar															
28	SB4 3.5	12/10/23	S	1 x soil jar															
29	SB5 0.0-0.2	12/10/23	S	1 x soil jar															
30	SB5 0.5-0.7	12/10/23	S	1 x soil jar			x	x			x								
31	SB5 1.0-1.2	12/10/23	S	1 x soil jar															
32	SB5 2.0-2.2	12/10/23	S	1 x soil jar															
33	SB5 3.0-3.2	12/10/23	S	1 x soil jar															
34	SB5 3.5	12/10/23	S	1 x soil jar															
35	QC1	12/10/23	S	1 x soil jar															
36	QC3	12/10/23	W	1 x metals						x									
37	QC4	12/10/23	W	2 x vials															
TOTAL							10	12	1	1	3	5	2						

Water Container Codes: P = Unpreserved Plastic; N = Nitric Preserved Plastic; ORC = Nitric Preserved ORC; SH = Sodium Hydroxide/Cd Preserved; S = Sodium Hydroxide Preserved Plastic; AG = Amber Glass Unpreserved; AP = Airfreight Unpreserved Plastic  
V = VOA Vial HCl Preserved; VB = VOA Vial Sodium Bisulfate Preserved; VS = VOA Vial Sulfuric Preserved; AV = Airfreight Unpreserved Vial SG = Sulfuric Preserved Amber Glass; H = HCl preserved Plastic; HS = HCl preserved Speciation bottle; SP = Sulfuric Preserved Plastic; F = Formaldehyde Preserved Glass;  
Z = Zinc Acetate Preserved Bottle; E = EDTA Preserved Bottles; ST = Sterile Bottle; ASS = Plastic Bag for Acid Sulphate Soils; B = Unpreserved Bag

Environmental Division  
Melbourne  
Work Order Reference  
**EM2318328**



Telephone : + 61-3-8549 9600





## CERTIFICATE OF ANALYSIS

Work Order	: EM2319373	Page	: 1 of 5
Client	: Jones Environmental	Laboratory	: Environmental Division Melbourne
Contact	: PATRICIA JONES	Contact	: Hannah White
Address	: 497 Parnall Street Lavington Lavington 2641	Address	: 4 Westall Rd Springvale VIC Australia 3171
Telephone	: ----	Telephone	: +61-3-8549 9600
Project	: JE10406	Date Samples Received	: 13-Oct-2023 12:10
Order number	: ----	Date Analysis Commenced	: 31-Oct-2023
C-O-C number	: ----	Issue Date	: 02-Nov-2023 16:40
Sampler	: RJ		
Site	: ----		
Quote number	: EN/222		
No. of samples received	: 2		
No. of samples analysed	: 2		



Accreditation No. 825  
Accredited for compliance with  
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

### Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
Eric Chau	Metals Team Leader	Melbourne Inorganics, Springvale, VIC
Xing Lin	Senior Organic Chemist	Melbourne Organics, Springvale, VIC



## General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contract for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

LOR = Limit of reporting

^ = This result is computed from individual analyte detections at or above the level of reporting

ø = ALS is not NATA accredited for these tests.

~ = Indicates an estimated value.

- EP075 (SIM): Where reported, Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) per the NEPM (2013) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenzo(a,h)anthracene (1.0), Benzo(g,h,i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero.
- EP075(SIM): Where reported, Total Cresol is the sum of the reported concentrations of 2-Methylphenol and 3- & 4-Methylphenol at or above the LOR.
- This is a rebatch of EM2318328.
- EN33a-G: EM2319373 - 001 Due to limited sample for leach analysis, a scaled down amount of 30g into 600mL was used.
- EN33a-G: EM2319373 - 002 Due to limited sample for leach analysis, a scaled down amount of 50g into 1000mL was used.



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	SB1_0.0-0.2	SB1_0.5-0.7	----	----	----
Sampling date / time					12-Oct-2023 00:00	12-Oct-2023 00:00	----	----	----
Compound	CAS Number	LOR	Unit		EM2319373-001	EM2319373-002	-----	-----	-----
					Result	Result	----	----	----
EN33: TCLP Leach - Inorganics/Non-Volatile Organics (Glass Vessel)									
Initial pH	----	0.1	pH Unit		9.5	8.7	----	----	----
After HCl pH	----	0.1	pH Unit		1.6	1.5	----	----	----
Extraction Fluid Number	----	1	-		1	1	----	----	----
Final pH	----	0.1	pH Unit		6.4	4.9	----	----	----



Analytical Results

Sub-Matrix: TCLP LEACHATE (Matrix: WATER)				Sample ID	SB1_0.0-0.2	SB1_0.5-0.7	----	----	----
Sampling date / time					12-Oct-2023 00:00	12-Oct-2023 00:00	----	----	----
Compound	CAS Number	LOR	Unit		EM2319373-001	EM2319373-002	-----	-----	-----
				Result	Result		----	----	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons									
Benzo(a)pyrene	50-32-8	0.5	µg/L		<0.5	<0.5	----	----	----
EP075(SIM)T: PAH Surrogates									
2-Fluorobiphenyl	321-60-8	1.0	%		77.2	85.0	----	----	----
Anthracene-d10	1719-06-8	1.0	%		97.8	101	----	----	----
4-Terphenyl-d14	1718-51-0	1.0	%		98.2	104	----	----	----



## Surrogate Control Limits

Sub-Matrix: TCLP LEACHATE

		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP075(SIM)T: PAH Surrogates			
2-Fluorobiphenyl	321-60-8	35	127
Anthracene-d10	1719-06-8	44	122
4-Terphenyl-d14	1718-51-0	44	124



## QUALITY CONTROL REPORT

Work Order : **EM2319373**

Page : 1 of 3

Client : **Jones Environmental**  
Contact : **PATRICIA JONES**  
Address : **497 Parnall Street**  
**Lavington Lavington 2641**

Laboratory : **Environmental Division Melbourne**  
Contact : **Hannah White**  
Address : **4 Westall Rd Springvale VIC Australia 3171**

Telephone : ----  
Project : **JE10406**  
Order number : ----  
C-O-C number : ----  
Sampler : **RJ**  
Site : ----  
Quote number : **EN/222**  
No. of samples received : **2**  
No. of samples analysed : **2**

Telephone : **+61-3-8549 9600**  
Date Samples Received : **13-Oct-2023**  
Date Analysis Commenced : **31-Oct-2023**  
Issue Date : **02-Nov-2023**



Accreditation No. 825  
Accredited for compliance with  
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

### Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
Eric Chau	Metals Team Leader	Melbourne Inorganics, Springvale, VIC
Xing Lin	Senior Organic Chemist	Melbourne Organics, Springvale, VIC





## General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key :  
Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot  
CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.  
LOR = Limit of reporting  
RPD = Relative Percentage Difference  
# = Indicates failed QC

## Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 0% - 20%.

Sub-Matrix: **WATER**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
<b>EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 5397075)</b>									
EM2319228-001	Anonymous	EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	µg/L	<0.5	<0.5	0.0	No Limit



Method Blank (MB) and Laboratory Control Sample (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: WATER

Sub-Matrix: <b>WATER</b>				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%)	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit			Result	LCS	Low
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 5397075)								
EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	µg/L	<0.5	5 µg/L	107	55.6	135

Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



## QA/QC Compliance Assessment to assist with Quality Review

Work Order	: EM2319373	Page	: 1 of 4
Client	: Jones Environmental	Laboratory	: Environmental Division Melbourne
Contact	: PATRICIA JONES	Telephone	: +61-3-8549 9600
Project	: JE10406	Date Samples Received	: 13-Oct-2023
Site	: ----	Issue Date	: 02-Nov-2023
Sampler	: RJ	No. of samples received	: 2
Order number	: ----	No. of samples analysed	: 2

This report is automatically generated by the ALS LIMS through interpretation of the ALS Quality Control Report and several Quality Assurance parameters measured by ALS. This automated reporting highlights any non-conformances, facilitates faster and more accurate data validation and is designed to assist internal expert and external Auditor review. Many components of this report contribute to the overall DQO assessment and reporting for guideline compliance.

Brief method summaries and references are also provided to assist in traceability.

### Summary of Outliers

#### Outliers : Quality Control Samples

This report highlights outliers flagged in the Quality Control (QC) Report.

- **NO** Method Blank value outliers occur.
- **NO** Duplicate outliers occur.
- **NO** Laboratory Control outliers occur.
- **NO** Matrix Spike outliers occur.
- For all regular sample matrices, **NO** surrogate recovery outliers occur.

#### Outliers : Analysis Holding Time Compliance

- Analysis Holding Time Outliers exist - please see following pages for full details.

#### Outliers : Frequency of Quality Control Samples

- Quality Control Sample Frequency Outliers exist - please see following pages for full details.



## Outliers : Analysis Holding Time Compliance

Matrix: **SOIL**

Method	Extraction / Preparation			Analysis		
	Date extracted	Due for extraction	Days overdue	Date analysed	Due for analysis	Days overdue
<b>EN33: TCLP Leach - Inorganics/Non-Volatile Organics (Glass Vessel)</b>						
Non-Volatile Leach: 14 day HT(e.g. SV organics)						
SB1_0.0-0.2, SB1_0.5-0.7	31-Oct-2023	26-Oct-2023	5	----	----	----

## Outliers : Frequency of Quality Control Samples

Matrix: **WATER**

Quality Control Sample Type	Count		Rate (%)		Quality Control Specification
Method	QC	Regular	Actual	Expected	
	0				
<b>Matrix Spikes (MS)</b>					
PAH/Phenols (GC/MS - SIM)	0	6	0.00	5.00	NEPM 2013 B3 & ALS QC Standard

## Analysis Holding Time Compliance

If samples are identified below as having been analysed or extracted outside of recommended holding times, this should be taken into consideration when interpreting results.

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times (referencing USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Dates reported represent first date of extraction or analysis and preclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding time for leachate methods (e.g. TCLP) vary according to the analytes reported. Assessment compares the leach date with the shortest analyte holding time for the equivalent soil method. These are: organics 14 days, mercury 28 days & other metals 180 days. A recorded breach does not guarantee a breach for all non-volatile parameters.

Holding times for VOC in soils vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Matrix: **SOIL**

Evaluation: ✖ = Holding time breach ; ✔ = Within holding time.

Method	Sample Date	Extraction / Preparation			Analysis		
Container / Client Sample ID(s)		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EN33: TCLP Leach - Inorganics/Non-Volatile Organics (Glass Vessel)							
Non-Volatile Leach: 14 day HT(e.g. SV organics) (EN33a-G)							
SB1_0.0-0.2, SB1_0.5-0.7	12-Oct-2023	31-Oct-2023	26-Oct-2023	✖	----	----	----

Matrix: **WATER**

Evaluation: ✖ = Holding time breach ; ✔ = Within holding time.

Method	Sample Date	Extraction / Preparation			Analysis		
Container / Client Sample ID(s)		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons							
Amber Glass Bottle - Unpreserved (EP075(SIM)) SB1_0.0-0.2, SB1_0.5-0.7	31-Oct-2023	01-Nov-2023	07-Nov-2023	✓	01-Nov-2023	11-Dec-2023	✓



### Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(were) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix: **WATER**

Evaluation: ✖ = Quality Control frequency not within specification ; ✔ = Quality Control frequency within specification .

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	Method	QC	Regular	Actual	Expected	Evaluation	
Laboratory Duplicates (DUP)							
PAH/Phenols (GC/MS - SIM)	EP075(SIM)	1	6	16.67	10.00	✔	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
PAH/Phenols (GC/MS - SIM)	EP075(SIM)	1	6	16.67	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
PAH/Phenols (GC/MS - SIM)	EP075(SIM)	1	6	16.67	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
PAH/Phenols (GC/MS - SIM)	EP075(SIM)	0	6	0.00	5.00	✖	NEPM 2013 B3 & ALS QC Standard



## Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
PAH/Phenols (GC/MS - SIM)	EP075(SIM)	SOIL	In house: Referenced to USEPA SW 846 - 8270 Sample extracts are analysed by Capillary GC/MS in SIM Mode and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3)
Preparation Methods	Method	Matrix	Method Descriptions
TCLP for Non & Semivolatile Analytes - Glass Leaching Vessel	EN33a-G	SOIL	In house QWI-EN/33 referenced to USEPA SW846-1311: The TCLP procedure is designed to determine the mobility of both organic and inorganic analytes present in wastes. The standard TCLP leach is for non-volatile and Semivolatile test parameters.
Separatory Funnel Extraction of Liquids	ORG14	SOIL	In house: Referenced to USEPA SW 846 - 3510 100 mL to 1L of sample is transferred to a separatory funnel and serially extracted three times using DCM for each extract. The resultant extracts are combined, dehydrated and concentrated for analysis. This method is compliant with NEPM Schedule B(3) . ALS default excludes sediment which may be resident in the container.



**Jones Environmental Consulting**  
**16 Richmond Drive**  
**Thurgoona**  
**NSW 2640**



**NATA Accredited**  
**Accreditation Number 1261**  
**Site Number 1254**

Accredited for compliance with ISO/IEC 17025 – Testing  
 NATA is a signatory to the ILAC Mutual Recognition  
 Arrangement for the mutual recognition of the  
 equivalence of testing, medical testing, calibration,  
 inspection, proficiency testing scheme providers and  
 reference materials producers reports and certificates.

**Attention:** **Patricia Jones**

**Report** **1035553-S**

Project name

Project ID **JE10306**

Received Date **Oct 17, 2023**

<b>Client Sample ID</b>			<b>QC2</b>
<b>Sample Matrix</b>			<b>Soil</b>
<b>Eurofins Sample No.</b>			<b>M23- Oc0037195</b>
<b>Date Sampled</b>			<b>Oct 12, 2023</b>
Test/Reference	LOR	Unit	
<b>Heavy Metals</b>			
Arsenic	2	mg/kg	4.4
Cadmium	0.4	mg/kg	0.5
Chromium	5	mg/kg	14
Copper	5	mg/kg	28
Lead	5	mg/kg	380
Mercury	0.1	mg/kg	0.3
Nickel	5	mg/kg	7.0
Zinc	5	mg/kg	280
<b>Sample Properties</b>			
% Moisture	1	%	24

**Sample History**

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Metals M8	Melbourne	Oct 19, 2023	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
% Moisture	Melbourne	Oct 17, 2023	14 Days
- Method: LTM-GEN-7080 Moisture			

Melbourne	Geelong	Sydney	Canberra	Brisbane	Newcastle
6 Monterey Road Dandenong South VIC 3175 Tel: +61 3 8564 5000 NATA# 1261 Site# 1254	19/8 Lewalan Street Grovedale VIC 3216 Tel: +61 3 8564 5000 NATA# 1261 Site# 25403	179 Magowar Road Girraween NSW 2145 Tel: +61 2 9900 8400 NATA# 1261 Site# 18217	Unit 1,2 Dacre Street Mitchell ACT 2911 Tel: +61 2 6113 8091 NATA# 1261 Site# 25466	1/21 Smallwood Place Murarrie QLD 4172 Tel: +61 7 3902 4600 NATA# 1261 Site# 20794	1/2 Frost Drive Mayfield West NSW 2304 Tel: +61 2 4968 8448 NATA# 1261 Site# 25079 & 25289

Perth
46-48 Banksia Road Welshpool WA 6106 Tel: +61 8 6253 4444 NATA# 2377 Site# 2370

Auckland	Christchurch	Tauranga
35 O'Rorke Road Penrose, Auckland 1061 Tel: +64 9 526 4551 IANZ# 1327	43 Detroit Drive Rolleston, Christchurch 7675 Tel: +64 3 343 5201 IANZ# 1290	1277 Cameron Road, Gate Pa, Tauranga 3112 Tel: +64 9 525 0568 IANZ# 1402

**Company Name:** Jones Environmental Consulting  
**Address:** 16 Richmond Drive  
Thurgoona  
NSW 2640

**Order No.:**  
**Report #:** 1035553  
**Phone:** 0424 490 551  
**Fax:**

**Received:** Oct 17, 2023 4:00 PM  
**Due:** Oct 24, 2023  
**Priority:** 5 Day  
**Contact Name:** Patricia Jones

**Project Name:**  
**Project ID:** JE10306

**Eurofins Analytical Services Manager : Asim Khan**

### Sample Detail

Metals M8

Moisture Set

Melbourne Laboratory - NATA # 1261 Site # 1254

X

X

External Laboratory

No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID		
1	QC2	Oct 12, 2023		Soil	M23-Oc0037195	X	X
<b>Test Counts</b>						1	1

## Internal Quality Control Review and Glossary

### General

- Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
- All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
- All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
- Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
- Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
- SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
- Samples were analysed on an 'as received' basis.
- Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
- This report replaces any interim results previously issued.

### Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

### Units

<b>mg/kg:</b> milligrams per kilogram	<b>mg/L:</b> milligrams per litre	<b>µg/L:</b> micrograms per litre
<b>ppm:</b> parts per million	<b>ppb:</b> parts per billion	<b>%:</b> Percentage
<b>org/100 mL:</b> Organisms per 100 millilitres	<b>NTU:</b> Nephelometric Turbidity Units	<b>MPN/100 mL:</b> Most Probable Number of organisms per 100 millilitres
<b>CFU:</b> Colony forming unit		

### Terms

<b>APHA</b>	American Public Health Association
<b>COC</b>	Chain of Custody
<b>CP</b>	Client Parent - QC was performed on samples pertaining to this report
<b>CRM</b>	Certified Reference Material (ISO17034) - reported as percent recovery.
<b>Dry</b>	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
<b>Duplicate</b>	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
<b>LOR</b>	Limit of Reporting.
<b>LCS</b>	Laboratory Control Sample - reported as percent recovery.
<b>Method Blank</b>	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
<b>NCP</b>	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
<b>RPD</b>	Relative Percent Difference between two Duplicate pieces of analysis.
<b>SPIKE</b>	Addition of the analyte to the sample and reported as percentage recovery.
<b>SRA</b>	Sample Receipt Advice
<b>Surr - Surrogate</b>	The addition of a like compound to the analyte target and reported as percentage recovery.
<b>TBTO</b>	Tributyltin oxide ( <i>bis</i> -tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
<b>TCLP</b>	Toxicity Characteristic Leaching Procedure
<b>TEQ</b>	Toxic Equivalency Quotient or Total Equivalence
<b>QSM</b>	US Department of Defense Quality Systems Manual Version 5.4
<b>US EPA</b>	United States Environmental Protection Agency
<b>WA DWER</b>	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

### QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR: RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

### QC Data General Comments

- Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
- Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
- pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time. Analysis will begin as soon as possible after sample receipt.
- Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
- For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
- Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

## Quality Control Results

Test			Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
<b>Method Blank</b>									
<b>Heavy Metals</b>									
Arsenic			mg/kg	< 2			2	Pass	
Cadmium			mg/kg	< 0.4			0.4	Pass	
Chromium			mg/kg	< 5			5	Pass	
Copper			mg/kg	< 5			5	Pass	
Lead			mg/kg	< 5			5	Pass	
Mercury			mg/kg	< 0.1			0.1	Pass	
Nickel			mg/kg	< 5			5	Pass	
Zinc			mg/kg	< 5			5	Pass	
<b>LCS - % Recovery</b>									
<b>Heavy Metals</b>									
Arsenic			%	111			80-120	Pass	
Cadmium			%	113			80-120	Pass	
Chromium			%	116			80-120	Pass	
Copper			%	103			80-120	Pass	
Lead			%	113			80-120	Pass	
Mercury			%	103			80-120	Pass	
Nickel			%	101			80-120	Pass	
Zinc			%	103			80-120	Pass	
Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
<b>Spike - % Recovery</b>									
<b>Heavy Metals</b>									
				Result 1					
Arsenic	M23-Oc0030924	NCP	%	100			75-125	Pass	
Cadmium	M23-Oc0030924	NCP	%	110			75-125	Pass	
Chromium	M23-Oc0030924	NCP	%	111			75-125	Pass	
Copper	M23-Oc0030924	NCP	%	116			75-125	Pass	
Lead	M23-Oc0030924	NCP	%	107			75-125	Pass	
Mercury	M23-Oc0030924	NCP	%	100			75-125	Pass	
Nickel	M23-Oc0030924	NCP	%	113			75-125	Pass	
Zinc	M23-Oc0030924	NCP	%	111			75-125	Pass	
Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
<b>Duplicate</b>									
<b>Heavy Metals</b>									
				Result 1	Result 2	RPD			
Arsenic	M23-Oc0024890	NCP	mg/kg	2.2	2.7	20	30%	Pass	
Cadmium	M23-Oc0024890	NCP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	M23-Oc0024890	NCP	mg/kg	8.8	12	28	30%	Pass	
Copper	M23-Oc0024890	NCP	mg/kg	15	20	25	30%	Pass	
Lead	M23-Oc0024890	NCP	mg/kg	22	32	40	30%	Fail	Q15
Mercury	M23-Oc0024890	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	M23-Oc0024890	NCP	mg/kg	6.4	7.9	20	30%	Pass	
Zinc	M23-Oc0024890	NCP	mg/kg	140	170	20	30%	Pass	
<b>Duplicate</b>									
<b>Sample Properties</b>									
				Result 1	Result 2	RPD			
% Moisture	S23-Oc0036642	NCP	%	17	16	7.6	30%	Pass	

## Comments

### Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

### Qualifier Codes/Comments

Code	Description
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

## Authorised by:

Asim Khan	Analytical Services Manager
Emily Rosenberg	Senior Analyst-Metal



**Glenn Jackson**  
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

\* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please [click here](#).

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## **Appendix G - Data Validation**

## Data Validation Report

### Project Details:

**Site Address:** Swift Street, Albury, New South Wales

**Project:** Preliminary Site Investigation

**Project Number:** JE10406

### Laboratories Used:

**Water Primary:** ALS

**Water Secondary:** Eurofins

### Fieldwork Conducted:

Date	Works	Primary Lab Batch	Secondary Lab Batch
12 October 2023	Soil Sampling	EM2318328	1035553-S
12 October 2023	Soil Sampling	EM2319373	

## 1. Precision and Sample Handling

Were NATA registered laboratories used?	<b>Yes</b>
Were the laboratory methods adopted NATA endorsed?	<b>Yes</b>
Were the laboratory reporting limits satisfactory?	<b>Yes</b>
Was the NATA Seal on the reports?	<b>Yes</b>
Were the reports signed by an authorised person?	<b>Yes</b>
Were the samples in proper custody between the field and laboratory?	<b>Yes</b>
Were the samples properly and adequately preserved?	<b>Yes</b>
Were the samples received by the laboratory in good condition?	<b>Yes</b>
Were the samples received by the laboratory chilled?	<b>Yes</b>
Were all samples analysed within the specified holding times?	<b>Yes</b>

### Comments:

### Precision and sample handling was:

☒ Satisfactory☐ Partially Satisfactory☐ Unsatisfactory

## 2. Field Quality Control

The steps in the sampling and analysis process are subject to natural and inherent variability, which can affect the results produced and the overall quality of the data sets generated. In order to minimise the effect of this, standard procedures are used throughout fieldwork as one aspect of the quality assurance process. To measure the effectiveness of the quality assurance, quality control tests can be conducted in the field. This assessment has included the collection of field duplicate, rinsate blank and trip blank quality control samples.

### 2.1 Field duplicates

Duplicate samples are used to identify the variation in analyte concentration between samples collected from the same sampling point and repeatability of the laboratory analysis. In addition, triplicate samples provide a check on the analytical proficiency between the laboratories used. Acceptance targets for duplicates and triplicate samples are based on the Relative Percent Difference (RPD) between results, which is calculated by the following equation:

$$\frac{|[a] - [b]|}{[a] + [b]} \times 200 = \text{RPD}$$

Where:

[a] = concentration of analyte in primary sample

[b] = concentration of analyte in replicate sample

The Australian Standard 4482.1 – 2005 (Guide to the investigation and sampling of sites with potentially contaminated soil) indicates an acceptable RPD range of 30-50%, and that the variation can be expected to be higher for organic analysis than inorganics, and for low concentrations of analytes. Noting this guidance, JEC has adopted the following criteria as control limits for RPD results on replicate samples:

- 30% where the concentration of an analyte is greater than 20 times the limit of reporting (LOR).
- 50% where the concentration of an analyte is less than 20 times the LOR.
- RPDs have not been considered where both the primary and replicate sample concentrations are reported less than 10 times the LOR, as the low concentrations exaggerate the calculated RPD.
- RPDs have not been considered for any analytes that are an arithmetical combination of multiple analytes such as: “Nitrate + Nitrite” and “Ionic Balance”, as the arithmetical operations exaggerate the calculated RPDs. Any issues will be identified by checking the RPD for each individual analyte.

### 2.2 Rinsate blanks

Rinsate blanks are collected to assess if decontamination of sampling equipment has been conducted adequately to minimise the potential for cross-contamination between sampling locations. Rinsate samples are prepared in the field, using laboratory prepared bottles of the distilled water used for the cleaning of non-disposable sampling equipment. These samples are a check on field decontamination procedures and sample device cleanliness. Analytical concentrations are expected to be reported below detection limits.

### 2.3 Trip blanks

Trip blanks are used to assess the adequacy of sample storage and transport procedures to minimise the potential for introduction of contamination. Trip blanks are prepared in the field using laboratory prepared bottles of distilled water that remain with the sample containers during sampling and during the return trip to the laboratory. At no time during these procedures are the blanks opened. Trip blanks are used and analysed where the contaminants being assessed in that batch are volatile in nature. Analytical concentrations are expected to be reported below detection limits.

## 2.4 Field QC sample summary

Number of primary samples analysed	<b>16</b>
Number of days sampling	<b>1</b>
Number of rinsate blanks analysed	<b>1</b>
Number of sample batches analysed	<b>1</b>
Number of trip blanks analysed	<b>1</b>
Number of field duplicates analysed	<b>1</b>
Number of field triplicates analysed	<b>1</b>

## 2.5 Field QC assessment

Were an adequate number of Rinsate Blanks analysed (1 per day)?	<b>Yes</b>
Were an adequate number of Trip Blanks analysed (1 per batch)?	<b>Yes</b>
Were the blank samples free of contamination?	<b>Yes</b>
Were an adequate number of replicate samples analysed (1:20)?	<b>Yes</b>
Were all replicate RPDs within the control limits?	<b>No</b>

### Comments:

Both the intralab and interlab sample showed elevated Relative Percent Difference (RPD). As the samples were collected from within fill material, the heterogeneity of the fill material is the likely reason for the elevated RPD.

### Field QC was:

☒ Satisfactory☐ Partially Satisfactory☐ Unsatisfactory

### 3. Laboratory Internal Quality Control

Laboratories are accredited by the National Association of Testing Authorities (NATA) on the basis of their ability to provide quantitative evidence of their ability and competence to produce reliable, quality results against recognised benchmarks. Each laboratory method used undergoes a validation process before it is adopted by the laboratory and accredited by NATA. As part of the validation process, the precision and accuracy of the method are established.

In addition, laboratories conduct their own quality control testing to indicate their performance on each reported batch of samples. The Laboratory Internal Quality Control reports are included in Appendix D and summarised below.

#### 3.1 Internal laboratory QC:

	Lab Batch: EM2318328	Lab Batch: 1035553-S	Lab re- batch: EM2319373
Were all the laboratory method blanks free of contamination?	Yes	Yes	Yes
Number of the laboratory duplicate RPDs reported outside control limits?	0	1	1
Number of matrix spike recovery results reported outside control limits?	5	0	0
Number of laboratory control sample recovery results reported outside control limits?	0	0	0

#### Comments:

- The primary laboratory encountered challenges with several matrix spike recoveries. Some recoveries fell below the lower data quality threshold, while others couldn't be determined due to background levels exceeding four times the spike level.
- In the secondary laboratory, a duplicated Relative Percent Difference (RPD) for Lead in lab sample M23-Oc0024890 was reported at 40%, exceeding control limits. However, the laboratory explained that this RPD value met their internal acceptance criteria.
- The extraction of benzo(a)pyrene exceeded the specified holding time by 6 days. To ensure result accuracy, further soil investigation in the area with elevated benzo(a)pyrene levels is recommended.
- JEC is satisfied that the laboratory data is acceptable.

#### Laboratory internal QC was:

☒ Satisfactory

☐ Partially Satisfactory

☐ Unsatisfactory



## 4. Data Usability

Following a detailed review of the field and laboratory Quality Control it is considered that the investigations have provided acceptable QA/QC results and the results of the sampling and analysis program are sufficiently reliable.

### QC Conclusion:

- ☒ Data is directly usable
- ☐ Data is usable noting the following comments
- ☐ Data is usable after the following modifications
- ☐ Data is not usable

### Comments: