

# **Preliminary Site Investigation**

## 383 Browns Lane and 778 Manilla Road, Oxley Vale

Report Ref: E0240-PSI-001-Rev0 Written by: Fletcher Harris (Graduate Environmental Scientist) Reviewed by: Jake Duck (Environmental Scientist) Email: <u>office@hunterenviro.com.au</u>

Client: Browns Lane Developments Pty Ltd C/- Land Dynamics Australia





#### 9 September 2024

#### **Prepared by**

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#### **Project Details**

Site Address:	383 Browns Lane and 778 Manilla Road, Oxley Vale	
Project Type:	Preliminary Site Investigation	

Project no	Report type	Report no
E0240	PSI	001

#### **Report Register**

<b>Revision Number</b>	Reported By	Reviewed By	Date
Rev0	FH	JD	16/08/2024

We confirm that the following report has been produced for Browns Lane Developments Pty Ltd C/-Land Dynamics Australia, based on the described methods and conditions within.

For and on behalf of Hunter Environmental Consulting,

Marc Henty General Manager



## **Executive Summary**

Hunter Environmental Consulting (HEC) was engaged by Browns Lane Developments Pty Ltd C/- Land Dynamics Australia to undertake a Preliminary Site Investigation (PSI) with thorough Site inspection at the Site located at 383 Browns Lane and 778 Manilla Road, Oxley Vale (herein after referred to as "the Site").

The Site is currently proposed to undergo redevelopment to incorporate a residential subdivision. The PSI is required for due diligence purposes as part of the development application.

This PSI includes the following elements:

- Review of historical aerial images of the Site and surrounding area;
- Compilation of a historical title summary;
- Review of a Section 10.7 Planning Certificate;
- Review of publicly available environmental databases and legislative instruments;
- Site inspection and interview with knowledgeable Site representative (if available);
- A preliminary Conceptual Site Model (CSM) with assessment of contamination and sourcepathway-receptor linkages;
- Recommendations for further investigation, any management requirements and/or any ongoing management, monitoring or remedial works that may be required.

The detailed desktop review of available information and thorough Site inspection including thorough Site inspection have enabled the development of a preliminary CSM allowing assessment of potential health and environmental issues relating to the Site. Key findings were:

- 1. Potential contamination sources at the Site are limited based on historical land use;
- 2. Visible signs of gross contamination were not observed during the Site inspection.

In summary, based on the desktop study and thorough Site inspection conducted at the Site, no indication of potential or gross contamination has been identified in which would suggest further investigative works or that would likely constrain the Site of development. HEC considers the Site suitable for the proposed residential subdivision.



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## 1 Introduction

## 1.1 Background

Hunter Environmental Consulting (HEC) was engaged by Browns Lane Developments Pty Ltd C/- Land Dynamics Australia to undertake a PSI with a thorough Site inspection at 383 Browns Lane and 778 Manilla Road, Oxley Vale (herein after referred to as "the Site").

The Site is currently proposed to undergo redevelopment to incorporate a residential subdivision. The PSI required for due diligence purposes as part of the development application.

A Site Plan is presented as Figure 1 of Annex A.

## 1.2 Objectives

The objectives of this PSI were to investigate potential contaminant sources, pathways and receptors in relation to the Site as well as inform preliminary consideration of potential risks to human health and/or the environment within the context of the most sensitive potential land use.

This report has been prepared in general accordance with provisions for a PSI as defined within the NSW EPA (2020) Guidelines for Consultants Reporting on Contaminated Sites (NSW EPA, 2020) and National Environment Protection (Assessment of Site Contamination) Measure (National Environmental Protection Council (NEPC), 2013).

All information collected informed the development of the preliminary CSM which provides a representation of potential sources of contamination and evaluate the CoPC; areas of potential contamination; potential human and ecological receptors; and potentially affected media (such as soil and groundwater).

## **1.3** Scope of Works

## **1.3.1** Preliminary Site Investigation

This PSI includes the following elements:

- Review of historical aerial images of the Site and surrounding area
- Compilation of a historical title summary
- Review of a Section 10.7 Planning Certificate
- Review of publicly available environmental databases and legislative instruments
- Site inspection and interview with knowledgeable Site representative (if available)
- A preliminary CSM with assessment of source-pathway-receptor linkages
- Recommendations for further investigation, any management requirements and/or any ongoing management, monitoring or remedial works that may be required

Preparation of this report includes recommendations for further investigation, any management requirements and/or any ongoing management, monitoring or remedial works that may be required.



## 2 Site Description

## 2.1 Site & Lot Identification

The Site is located at 383 Browns Lane and 778 Manilla Road, Oxley Vale, legally identified as Lot 39 on Deposited Plan (DP) 22919 and Lot 349 (DP) 753848, respectively. The Site forms an irregular shaped block of approximately 136,775m<sup>2</sup>.

A summary of Site information is provided in **Table 2.1** below.

ltem	Description
Site Address	383 Browns Lane and 778 Manilla Road, Oxley Vale
Current Zoning	RU4 Primary Production Small Lots
Legal Description	Lot 39 (DP)22919
	Lot 349 (DP)753848
Local Government Authority	Tamworth Regional Council
Site Area	Approximately 136,775m <sup>2</sup>
Elevation	423m Above Sea Level (ASL)
Geographical Location	E 298784.78
(GDA94-MGA56)	N 6563655.373

### Table 2.1 - Site identification

Review of Tamworth Regional Council Local Environmental Plan (LEP) 2010 together with the Planning Certificate for 778 Manilla Road, under Section 10.7 Part 2 and 5 of the Environmental Planning and Assessment Act 1979 (attached as **Annex B**) provides the following information:

- 1. The Site is not affected by heritage items;
- 2. The Site and/or adjacent lots are not affected by land reserved for acquisition;
- 3. The Site is not affected by environmentally sensitive land or critical habitat;
- 4. The Site is identified as "bushfire prone land" (either whole or part) on the Bushfire Prone Land Map, certified by the NSW Rural Fire Service on 28 July 2022. Council has not, by resolution, adopted a policy to restrict development on the land in respect to bushfire for that reason;
- 5. The Site and/or adjacent lots are not subject to flood planning constraints; and
- 6. There are no prescribed matters under section 59(2) of the Contaminated Land Management Act 1997 to be disclosed.

## 2.2 Surrounding Land Use

The Site is located predominantly within a rural residential area of Oxley Vale, NSW. Review of satellite imagery identified surrounding land uses as summarised in **Table 2.2** below.



### Table 2.2 - Summary of surrounding land use

Direction	Land Use	Distance
North	Residential / Agricultural	Adjacent
East	Undeveloped	Adjacent
South	Residential	115m
West	Residential	50m

## **3** Background Data Review & Database Searches

## 3.1 Summary of Ownership & Site Use

A historical title search was completed for the Manilla Road Site and a summary of ownership as described in **Table 3.1** below.

#### Table 3.1 - Summary of site ownership

Date of Acquisition and term held	Registered Proprietor(s) & Occupations where available	Reference to Title at Acquisition and sale
04.02.1930 (1930 to 1942)	Agnes Irene Wingfield (Married Woman)	Volume 4371 Folio 226 (Crown Grant)
05.03.1942 (1942 to 1951)	The Commonwealth of Australia (Acquired for Defence Purposes)	Volume 4371 Folio 226 (Commonwealth Gazette published 05.03.1942 Folios 565 to 566a) Now Volume 6047 Folio 236
23.02.1951 (1951 to 1951)	Harold Victor Mullett (Farmer)	Volume 6047 Folio 236 Now Volume 6343 Folio 78
26.02.1951 (1951 to 1952)	James Douglas Carney (Ice Vendor)	Volume 6343 Folio 78
19.12.1952	Baylis Broughton Garland (Mechanic)	Volume 6343 Folio 78



(1952 to 1956)		
29.11.1956 (1956 to 1971)	Eric George Mackay (Farmer)	Volume 6343 Folio 78
26.02.1971 (1971 to 2014)	Mary Ann Mackay (Widow) (Section 93 Application not investigated)	Volume 6343 Folio 78 Now 39/22919
27.02.2014 (2014 to Date)	# Butlark Pty Limited	39/22919

Historical title documents sourced as part of this assessment are presented as Annex C.

## **3.2** Historical Photographs

Historical aerials and satellite images dating 1964-2023 provide a summary of development at the Site and within the surrounding area. Historical images are presented as part of **Annex D** and a summary of review in **Table 3.2**, below.

Date	Summary
1964	Low quality black and white aerial, Manilla Road and Browns Lane are present, dwelling on the south-west of Site present including a driveway, remainder of Site is undeveloped.
1976	Site remains consistent with prior aerial, further development has occurred north of Site.
1997	Low quality coloured aerial, an extension of the driveway to an additional dwelling in the centre of the Site, remainder of Site consistent with prior aerial
2001	Site remains consistent with prior aerial
2013	High quality coloured aerial, eastern boundary of Site now includes development of a new structure and driveway which leads out to the north of Site.
2023	Site remains consistent with prior aerial

## 3.3 Topography & Hydrology

Topography of the area is characterised by undulating low hills and rises and gently inclined side slopes. Review of Google Earth Pro (2024) indicates the Site slopes from 440m Above Sea Level (ASL) in the north-east to 400m ASL in the south-west. The closest surface water body identified is the Peel River located approximately 1km to the south-west of Site.



## 3.3.1 Lithology & Geology

Review of the NSW Office of Environment and Heritage soil landscape database—indicates that the Site falls within the Fullwoods Hill, The Forest, Parnell Soil Landscape.

Review of the NSW Department of Industry, Resources & Energy database; NATMAP 1: 100,000 Geological Sheet indicates that the Site lies on the Residual deposits and Baldwin Formation units. Typical lithology includes A weakly consolidated regolithic residuum such assoil or saprolite mostly developed in situ as a result of advanced weathering and/or pedogenesis, Argillite, fine- and coarse-grained greywacke.

## 3.3.2 Hydrogeology

Review of the NSW Department of Primary Industries – Office of Water / Water Administration Ministerial Corporation database identified five (5) registered bores within 500m of the Site. Bore details are presented in **Table 3.3** below.

Bore ID	Construction Date	Location	Depth (mbgl)	Purpose
GW071571	07/09/1993	169m South	80.80	Water Supply
GW900248	04/02/1992	242m South	58.50	Water Supply
GW048041	01/11/1977	274m North-west	62.20	Water Supply
GW060521	01/11/1984	348m South	28.00	Water Supply
GW061125	01/06/1985	498m North-west	52.70	Water Supply

#### Table 3.3 - Groundwater bore details

## 3.4 Chemical Storage & Waste Production / Disposal

The results of the SafeWork Dangerous Goods Search were not considered necessary due to the historical and current land use of the Site.

## 3.5 Environmental Incident History / Register

Sources to inform consideration of potential environment incidents at the Site were not identified as part of this investigation.

## **3.6 Onsite Database Searches**

## 3.6.1 Current & Former Environment Protection Licences

A review of the licenced activities under the Protection of the Environment Operations Act 1997 was completed on the 9<sup>th</sup> of August 2024. **Table 3.4** below list former licensed activities respectively and the type of licensed activity conducted.



Licence Number	Organisation	Activity	Approx. Distance from Site
4653	Luhrmann Environment Management Pty Ltd	Other Activities / Non- Scheduled Activity - Application of Herbicides	18m East
4838	Robert Orchard	Other Activities / Non- Scheduled Activity - Application of Herbicides	18m East
6630	Sydney Weed & Pest Management Pty Ltd	Other Activities / Non- Scheduled Activity - Application of Herbicides	18m East

## 3.6.2 Heritage

Review of the Heritage Data Source - Planning & Environment, indicates the Site is not affected by heritage items. There are no registered heritage items within 1km of the Site.

A figure detailing locations of heritage items listed above is presented within LotSearch Report in **Annex D**.

## 3.6.3 Contaminated Land Records

A review of the NSW EPA Contaminated Land Record of Notices was completed on 9<sup>th</sup> of August 2024. This review identified that the Site is not subject to regulation by the NSW EPA under Section 60 of the *Contaminated Land Management (CLM) Act 1997* and similarly that there are no Sites within 1km of the Site subject to regulation under the *CLM Act 1997*.

A review of the NSW EPA List of Contaminated Sites was completed 9<sup>th</sup> of August 2024. This review identified that the Site has not been notified to the EPA as a contaminated Site and similarly that there are no Sites within 1km of the Site that have been notified. The findings of these reviews indicate that the Site is unlikely to be impacted by contamination known to the EPA.

## 3.6.4 Naturally Occurring Asbestos

NSW Department of Industry, Resources & Energy (2024) identifies that the Site does not fall in an area known to contain naturally occurring asbestos.

## **3.6.5** Acid Sulfate Soils

Review of the ePlanning Spatial Viewer online database (2020) identifies the Site as not being within an acid sulfate soils (ASS) area. Additionally, a review of the eSPADE online database (2024) identifies the Site as being within an area of no known acid sulfate occurrence.



## 4 Site Inspection

HEC attended the Site on the 14<sup>th</sup> of August 2024 to consolidate the desktop review described in the sections above. The Site visit included a detailed visual inspection of the Site surface and infrastructure. Key findings are presented in the following sections.

## 4.1 383 Browns Lane

At the time of the investigation the site was comprised of open paddock, with two (2) shipping containers and a steel framed and clad roof overhead to the eastern boundary. A telecommunications tower was observed to the immediate South of the shipping containers. The remainder of the Site was vacant and consisted of grassed, rolling hills and densely vegetated area to the central-south.

No potential contamination sources or gross contamination was observed during the site walkover.

No potential ACM was identified during the Site inspection.

## 4.2 778 Manilla Road

At the time of the investigation the site was comprised of open paddock, with a single storey house to the Northeastern boundary and a detached smaller shed / dwelling to the Northern boundary and an empty horse stable adjacent to the east of these structures.

The remainder of the Site was vacant and consisted of grassed, slightly undulating terrain.

No potential contamination sources or gross contamination was observed during the site walkover.

No potential ACM was identified during the Site inspection.

## 5 Preliminary Conceptual Site Model

A CSM is a representation of site related information regarding contaminant sources, exposure pathways and human and environmental receptors. A CSM facilitates consideration of risks to human health and the environment associated with site contamination through assessment of source – pathway – receptor linkages. A CSM based on the understanding of site history and environmental setting is presented in **Table 5.1** below.



## **Table 5.1** – Preliminary Conceptual Site Model

Primary Sources	CoPC	Secondary Sources	Transport Mechanisms	Exposure Route	Receptors
Application of herbicides and pesticides	• OCP, OPP and Heavy Metals.	• Impacted soils at depth;	Leaching to underlying surrounding soils	<ul> <li>Dermal Contact or incidental ingestion of soil;</li> <li>Plant uptake.</li> </ul>	<ul> <li>Future site users;</li> <li>Future construction/maintenance workers;</li> <li>Users and occupants of adjoining land;</li> <li>Ecological (Uptake of terrestrial Flora).</li> </ul>
Storage of equipment /machinery	<ul><li>TRH</li><li>PAH</li><li>Heavy Metals</li></ul>	<ul> <li>Impacted soils at depth;</li> </ul>	Leaching to underlying surrounding soils	<ul> <li>Dermal Contact or incidental ingestion of soil;</li> <li>Plant uptake.</li> </ul>	<ul> <li>Future site users;</li> <li>Future construction/maintenance workers;</li> <li>Users and occupants of adjoining land;</li> <li>Ecological (Uptake of terrestrial Flora).</li> </ul>



## 5.1 SPR Linkage Assessment

A source-pathway-receptor (SPR) linkage is present when a pathway links a source with a receptor. These linkages are considered complete where a risk to the identified receptors may exist, now or in the future as presented in **Table 5.2**, below.

### Table 5.2 – SPR Linkage Assessment

Receptor/Media	Exposure Pathway	Comments
Human - Site Users including residential site users and construction / maintenance workers disturbing the soil.	Incomplete	No evidence of potential contaminating land uses, gross contamination or localised contamination such as staining or discolouration of soils was observed during the Site inspection that would suggest a potential exposure pathway to sensitive human receptors.
Ecological	Incomplete	Ecological receptors at the site are considered to be limited to the uptake of terrestrial flora and fauna. No visible signs of vegetative stress or impact were observed during the Site inspection that would suggest a potential exposure pathway to sensitive ecological receptors.

## 6 Conclusions

The detailed desktop review of available information and thorough Site inspection including thorough Site inspection have enabled the development of a preliminary CSM allowing assessment of potential health and environmental issues relating to the Site. Key findings were:

- 1. Potential contamination sources at the Site are limited based on historical land use;
- 2. Visible signs of gross contamination were not observed during the Site inspection.

In summary, based on the desktop study and thorough Site inspection conducted at the Site, no indication of potential or gross contamination has been identified in which would suggest further investigative works or that would likely constrain the Site of development. HEC considers the Site suitable for the proposed residential subdivision.

Given the preliminary nature of the investigation an unexpected finds protocol should be utilised during any proposed future earthworks at the Site.

## 7 Unexpected Finds



The presence of any unexpected finds would be highlighted during development works by the observation of any unusual physical (e.g. staining, fill material, asbestos-containing material) or sensory characteristics of the soil. In the event that any significant unknown type of material is identified, site works should be stopped in that area and an assessment of the material and its likely impact on the CSM would be undertaken by an appropriately qualified environmental consultant immediately to prepare a suitable response to the occurrence. All additional works should be documented and detailed in the validation report.

## 8 Report Limitations

HEC considers that the objectives of the original scope as presented in quote EQ0620 of the investigation have been achieved.

The analytical data and recommendations within the above report are subjected to the specific sampling and testing that was undertaken at the time of the current investigation. It should be noted that underlying Site soil conditions can vary significantly across a Site and the environment can change over time. If conditions encountered during intrusive works are different to those contained in this report HEC should be contacted immediately for Site reassessment.

Any and all previous report versions for E0240-PSI-001 are superseded by this report.

If you have any further questions about this report, please contact the undersigned.

For and on behalf of

Hunter Environmental Consulting

**Reported by:** 

Fletcher Harris Graduate Environmental Scientist Bachelor of Environmental Science and Management

**Reviewed by:** 

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Jake Duck Environmental Scientist Bachelor of Environmental Science and Management



References

- National Environment Protection Council (NEPC), (2013) National Environment Protection (Assessment of Site Contamination) Measure 1999, NEPM, Canberra. Schedule B2: Guideline On-site Characterisation.
- NSW EPA (2020) Contaminated Land Guidelines: Guidelines for Consultants Reporting on Contaminated Land.

NSW EPA (2022) Contaminated Land Guidelines: Sampling Design Part 1 – Application.

- NSW EPA (1997). Contaminated Land Management Act 1997.
- NSW EPA (2017) Naturally Occurring Asbestos in NSW <u>https://trade.maps.arcgis.com/apps/PublicInformation/index.html?appid=87434b6ec7dd4ab</u> <u>a8cb664d8e646fb06</u> accessed 09/08/2024.

Lotsearch (2024) Enviro Professional, Reference: LS059718 EP-09 Aug 2024 10:33:11.

State of NSW and Department of Planning, Industry and Environment (2022) eSPADE v2.2 <u>https://www.environment.nsw.gov.au/eSpade2Webapp</u> accessed 09/08/2024.

State of NSW and Department of Planning, Industry and Environment (2020) ePlanning Spatial Viewer

https://www.planningportal.nsw.gov.au/spatialviewer/#/find-a-property/address accessed 09/08/2024.



# Annex A



Preliminary Site Investigation 383 Browns Lane and 778 Manilla Road, Oxley Vale HEC Ref:E0240



Note: <sup>(1)</sup> Base layer sourced from NearMap (2024).

Figure 1: Site Plan







# Annex B



P 02 6767 5555 E trc@tamworth.nsw.gov.au www.tamworth.nsw.gov.au ABN: 52 631 074 450

Certificate No: PC2025-0366 Date: 09 August 2024 Applicants Ref: LS059718

#### PLANNING CERTIFICATE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT 1979

Applicant:

Owner (as recorded by Council):

Lotsearch Pty Ltd Level 3 68 Alfred Street MILSONS POINT NSW 2061 Butlark Pty Limited Claremont 778 Manilla Road OXLEY VALE NSW 2340

Land: Claremont 778 Manilla Road OXLEY VALE NSW 2340 Lot 39 DP 22919

This certificate is provided pursuant to Section 10.7(2)(5) of the Act. At the date of this certificate, the subject land is affected by the following matters.

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

Note: Current environmental planning instruments (State environmental planning policies, regional environmental plans and local environmental plans) may be viewed at the NSW Government legislation website – <u>www.legislation.nsw.gov.au</u>.

#### Names of relevant State Environmental Planning Policies

- 1. State Environmental Planning Policy (Building Sustainability Index BASIX) 2004
- 2. State Environmental Planning Policy (Exempt and Complying Development Codes) 2008
- 3. State Environmental Planning Policy (Housing) 2021
- 4. State Environmental Planning Policy No. 65 Design Quality of Residential Apartment Development
- 5. State Environmental Planning Policy (Biodiversity and Conservation) 2021
- 6. State Environmental Planning Policy (Industry and Employment) 2021
- 7. State Environmental Planning Policy (Planning Systems) 2021
- 8. State Environmental Planning Policy (Primary Production) 2021
- 9. State Environmental Planning Policy (Resilience and Hazards) 2021
- 10. State Environmental Planning Policy (Resources and Energy) 2021
- 11. State Environmental Planning Policy (Transport and Infrastructure) 2021
- 12. State Environmental Planning Policy (Precincts-Central River City) 2021
- 13. State Environmental Planning Policy (Precincts-Eastern Harbour City) 2021
- 14. State Environmental Planning Policy (Precincts-Regional) 2021
- 15. State Environmental Planning Policy (Precincts-Western Parkland City) 2021

#### Local Environmental Plan

16. Tamworth Regional Local Environmental Plan 2010

### Development Control Plans

17. Tamworth Regional Development Control Plan 2010.

#### Draft Environmental Planning Policies and Draft Development Control Plans

18. The following proposed environmental planning instruments and draft development control plans are or have been the subject of community consultation or on public exhibition under the Environmental Planning and Assessment Act 1979, may apply to the carrying out of development on the land:

## • Planning Proposal: Phase 1 Housekeeping Amendments 2024 of Tamworth Regional Local Environmental Plan 2010

The Planning Proposal was on public exhibition between Monday, 3 June 2024 - Friday, 5 July 2024 and sought a number of amendments to the Tamworth Regional Local Environmental Plan 2010 which aimed to protect communities, retain heritage values, promote housing diversity and support continued growth of the region consistent with Blueprint 100. To view the planning proposal, visit Council's website at <u>Planning for our future | Tamworth Regional Council (nsw.gov.au)</u>

• Draft Tamworth Regional Development Control Plan 2010 – Amendment No. 17

The Draft Tamworth Regional Development Control Plan 2010 – Amendment No. 1 was on public exhibition between Monday, 3 June 2024 - Friday, 5 July 2024 and is proposing new development controls and amending others in response to emerging and changing trends in the development industry. To view the planning proposal, visit Council's website at <u>Development Control Plan 2010 | Tamworth Regional Local Environmental Plan review | Tamworth Regional Council (nsw.gov.au)</u>

 Tamworth Flood Risk Management Plan – The proposed Tamworth Flood Risk Management Plan documents were on public exhibition between Tuesday 04 April - Friday 19 May 2023, and recommends strategies for the mitigation of future flooding in Tamworth. To view the Plan, visit Council's MyTRC Online Community at <u>https://haveyoursay.tamworth.nsw.gov.au/tamworth-floodrisk-management-plan</u>

Detailed information on all Draft Environmental Planning Policies are available at the NSW Department of Planning and Environment website.

#### Zoning and land use under relevant LEPs

19. The subject land is affected by the Tamworth Regional Local Environmental Plan 2010. Under this plan, the land is zoned –

#### RU4 Primary Production Small Lots

#### 1. Objectives of zone

- To enable sustainable primary industry and other compatible land uses.
- To encourage and promote diversity and employment opportunities in relation to primary industry enterprises, particularly those that require smaller lots or that are more intensive in nature.
- To minimise conflict between land uses within this zone and land uses within adjoining zones.

#### 2. Permitted without consent

Environmental protection works; Extensive agriculture; Home-based child care; Home occupations; Moorings; Roads

#### 3. Permitted with consent

Agricultural produce industries; Aquaculture; Cellar door premises; Dual occupancies (attached); Dwelling houses; Farm buildings; Intensive plant agriculture; Kiosks; Landscaping material supplies; Light industries; Markets; Plant nurseries; Roadside stalls; Rural workers' dwellings; Any other development not specified in item 2 or 4

#### 4. Prohibited

Amusement centres; Backpackers' accommodation; Cemeteries; Centre-based child care facilities; Commercial premises; Crematoria; Eco-tourist facilities; Entertainment facilities; Exhibition villages; Heavy industrial storage establishments; Home occupations (sex services); Industrial retail outlets; Industrial training facilities; Industries; Intensive livestock agriculture; Mortuaries; Recreation facilities (major); Registered clubs; Residential accommodation; Respite day care centres; Restricted premises; Rural industries; Service stations; Serviced apartments; Sex services premises; Storage premises; Vehicle body repair workshops; Vehicle repair stations; Wharf or boating facilities; Wholesale supplies

#### Additional permitted uses

20. The land is not subject to additional permissible uses under Schedule 1 of the Tamworth Regional Local Environmental Plan 2010.

#### Development standards for the erection of a dwelling house

- 21. The Tamworth Regional Local Environmental Plan 2010 contains a development standard in relation to the erection of a dwelling-house on the subject land being:
  - A minimum lot size of 40 hectares as specified by the Lot Size Map pursuant to clause 4.2B(3)(a)

#### **Biodiversity Conservation Act 2016**

22. The land is not identified in an area of outstanding biodiversity value under the Biodiversity Conservation Act 2016

#### **Conservation Area**

23. The land is not identified in the Tamworth Regional Local Environmental Plan 2010 as being located in a conservation area.

#### Environmental Heritage Item

24. No environmental planning instrument identifies an item of environmental heritage on the land.

#### **Contributions Plan**

- 25. The name of each contributions plan under the Act, Division 7.1 applying to the land, including draft contributions plans.
  - Tamworth Regional Council Section 94 (Direct) Development Contributions Plan 2013 applies to the land.
  - Tamworth Regional Council Section 94 (Indirect) Development Contributions Plan 2013 applies to the land.
- 26. The land is not land in a special contributions area under the Act, Division 7.1.

#### Complying Development

- 27. Complying Development may be carried out on the land under the following codes contained within the State Environmental Planning Policy (Exempt & Complying Development Codes) 2008:
  - Part 3 General Housing Code
  - Part 3B Low Rise Housing Diversity Code
  - Part 3C Greenfield Housing Code
  - Part 3D Inland Code
  - Part 4 Housing Alterations Code
  - Part 4A General Development Code
  - Part 5 –Industrial and Business Alterations Code
  - Part 5A Industrial and Business Buildings Code
  - Part 5B Container Recycling Facilities Code
  - Part 6 Subdivisions Code
  - Part 7 Demolition Code
  - Part 8 Fire Safety Code
  - Part 9 Agritourism and Farm Stay Accommodation Code

If complying development may not be carried on the land under the above codes, it is because of the provisions of Clauses 1.17A(1)(c) to (e), (2), (3), and (4), 1.18(1)(c3) and 1.19 of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.

Council does not have sufficient information to ascertain the reason why complying development may not be carried out under the Policy.

Contact Councils Development Hub on <u>development@tamworth.nsw.gov.au</u> for any enquiries relating to the reason why complying development may not be carried out on the land.

#### Exempt development

- 28. Exempt Development may be carried out on the land under the following codes contained within Part 2 of the State Environmental Planning Policy (Exempt & Complying Development Codes) 2008:
  - Division 1 General Exempt Development Code
  - Division 2 Advertising and Signage Exempt Development Code
  - Division 3 Temporary Uses and Structures Exempt Development Code

#### Affected building notices and building product rectifications orders

- 29. Council is not aware of any affected building notice is in force on the land.
- *30.* Council is not aware of any building product rectification order is in force on the land that has not been fully complied with.
- *31.* Council is not aware of any notice of intention to make a building product rectification order on the land which is outstanding.

Note: In this section, affected building notice has the same meaning as in the Building Products (Safety) Act 2017, Part 4. Building product rectification order has the same meaning as in the Building Products (Safety) Act 2017.

#### Land reserved for acquisition

32. The land is not subject to acquisition by a public authority under any environmental planning instrument, deemed environmental planning instrument or draft environmental planning instrument, as referred to in Section 3.15 of the Act.

#### Road widening and road realignment

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

#### Flood related development control information

34. Council is unable to confirm whether the land is within the flood planning area and subject to flood related development controls set out in the provisions of the Tamworth Regional Local Environmental Plan 2010 (Clause 5.21) and the Tamworth Regional Development Control Plan 2010 (Development on Flood Affected Land).

Note: The flood planning area of the land is not known to Council. Consequently, you should conduct investigations necessary for determining flood levels in relation to the land. At this time Council adopts 1:100 + 0.5m freeboard as the Flood Planning Level.

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

35. Council does have adopted policies or has been notified of adopted policies of another public authority on matters relating to the risk of bushfire; acid sulfate soils; contamination; aircraft noise; flooding; tidal inundation; sea level rise; and coastal hazards.

The information below identifies any adopted policies that apply to the land:

The land is identified as **bushfire prone land** and therefore development is restricted by the NSW Rural Fire Services policies relating to development on bushfire prone land. Additional information on this hazard restriction can be obtained from the NSW Rural Fire Service website.

#### Bushfire Prone Land

36. The land is identified as "bushfire prone land" (either whole or part) on the Bushfire Prone Land Map, certified by the NSW Rural Fire Service on 28 July 2022. Council has not, by resolution, adopted a policy to restrict development on the land in respect to bushfire for that reason.

#### Information Regarding Loose-Fill Asbestos Insulation

37. Some residential homes located in the Tamworth Regional Council Local Government Area have been identified as containing loose fill asbestos insulation, for example in the roof space.

You should make your own enquiries as to the age of the buildings on the land to which this certificate relates and, if it contains a building constructed prior to 1980, it is strongly recommended that any potential purchaser obtain advice from a licensed asbestos assessor to determine whether loose-fill asbestos is present in any building on the land and, if so, the health risks (if any) this may pose for the building's occupants.

Contact NSW Fair Trading for further information.

#### Mine subsidence

38. The land has not been proclaimed to be a mine subsidence district within the meaning of Coal Mine Subsidence Compensation Act 2017.

#### Paper subdivision information

- 39. a) There is no adopted development plan that applies to this land or that is proposed to be subject to a consent ballot.
  - b) There is no subdivision order that applies to the land.

#### Property vegetation plans

40. Council has not been advised that a Property Vegetation Plan under the Local Land Services Act 2013 and the Biodiversity Conservation Act 2016 is in force

#### Biodiversity stewardship sites

41. Council has not been advised by the Chief Executive of the Office of Environment and Heritage that the land is a biodiversity stewardship site under a biodiversity stewardship agreement under Part 5 of the Biodiversity Conservation Act, 2016. Note. Biodiversity stewardship agreements include biobanking agreements under Part 7A of the Threatened Species Conservation Act, 1995 that are taken to be biodiversity stewardship agreements under Part 5 of the Biodiversity Conservation Act, 2016.

#### Biodiversity certified land

42. Council has not been advised that the land is biodiversity certified land within the meaning of Part 8 of the Biodiversity Conservation Act, 2016. Note. Biodiversity certified land includes land certified under Part 7AA of the Threatened Species Conservation Act 1995, that is taken to be certified under Part 8 of the Biodiversity Conservation Act 2016.

#### Orders under trees (disputes between neighbours) act 2006

43. No order has been made under the Trees (Disputes Between Neighbours) Act 2006 to carry out work in relation to a tree on the land (but only if the council has been notified of the order).

## Annual charges under local government act 1993 for coastal protection services that relate to existing coastal protection works

44. Not applicable to the subject land.

#### Western Sydney aerotropolis

45. Not applicable to the subject land.

#### Development consent conditions for seniors housing

46. Council is not aware of any current site compatibility certificate that has been issued under Clause 79 of State Environmental Planning Policy (Housing) 2021 in respect of proposed development on the land.

#### Site Compatibility Certificates and Conditions for Affordable Rental Housing

47. Council is not aware of any valid site compatibility certificate being issued under Part 2 of State Environmental Planning Policy (Housing) 2021 or any former site compatibility certificate being issued under Clause 37 of State Environmental Planning Policy (Affordable Rental Housing) 2009, in respect of development on the land.

#### Additional information provided pursuant to Section 10.7(2)&(5)

48. For information regarding buildings and structures on the land, please obtain a Building Information Certificate under Section 6.26 of the Environmental Planning and Assessment Act 1979.

Development Division Liveable Communities Directorate

09 August 2024



# Annex C



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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

Page 1 of 4

## Req:R923133 /Doc:DP 0022919 P /Rev:15-Mar-2019 /NSW LRS /Prt:19-Aug-2024 11:48 /Seq:1 of 10 © Office of the Registrar-General /Src:InfoTrack /Ref:778 Manilla Road, Oxley Vale



386 KrBrowen COCKB Por 309(Ph) DIAGRAM. C. Registered Surveyor Por 314(Ph). Not to Scale Re-declared before me at Tamworth 0 this 4th day of November 1950. A.L. Shewart for 2A.3R. 183/4 P. 50° 04' 2° 47' MWORTH 15 FEET WIDE EASEMENT 22.2 229.5 IT IS INTENDED TO CREATE 242° 47' EASEMENTS AS SHOWN. Dedication of Public Roads Within the Subdivision Approved and secepted by Cochburn Shine Council Approved and secepted by Cochburn Shine Council BIST July 1948 Shine Clerk Por:321 (Ph) I Russell Edward Brown of Tamworth a Surveyor registered under the Surveyor's Act, 1929, do hereby solemnly and sincerely declare (a) that all boundaries and measurements shown on this plan are correct, It is intended to dedicate to the public the new (b) that all survey marks found and relevant physical objects on or adjacent to the boundaries are correctly represented, (c) that all physical objects indicated actually exist Frendent In the positions shown, (d) that the whole of the material facts in relation to the land are correctly represented, (e) that the survey, represented in this plan has been made roads within the subdivision shown hereon. In accordance with the Survey Practice Regulations, 1933 \*(1) by me (2) under my DEPUTY COMMONWEALTH CROWN Solicitor, S Icertify that this plan as regards lines marked & has been compiled Approved by Council & Covered by Council Clerk's Certificate And I make this solemn declaration conscientiously believing the same to be true, and No. 146 of 7. Septemby 1930 from information in D. 98004 and is correct. by virtue of the provisions of the Oaths Act, 1900 Council Clerk. (Signature) REBrows Subscribed and declared before me at Sydney Tamworth Surveyor registered under the Surveyors Act, 1929. REBrow this 9th day of April A.D. 1948 Datum line of Azimuth F.d. Sheet 2 Est and Williams J.P. J.P. Date of Survey. Surveyor registered under the Surveyors Act 1929 PRESIDENT DEPT. OF THE INTERIOR NEG. NO.3930 N.S.W.

Req:R923133 /Doc:DP 0022919 P /Rev:15-Mar-2019 /NSW LRS /Prt:19-Aug-2024 11:48 /Seq:2 of 10 © Office of the Registrar-General /Src:InfoTrack /Ref:778 Manilla Road, Oxley Vale



#### DESCRIPTION OF LAND REFERBED TO.

All that piece of land containing an area of 39.8 perches more or less being Section 169 Township of Tennant Creek out of Hundreds out of Counties Northern Territory of Australia as shown hachured on plan hereunder.



## COMMONWEALTH OF AUSTRALIA. The Lands Acquisition Act 1906-1936. NOTIFICATION OF THE ACQUISITION OF LAND BY THE COMMONWEALTH.

T is hereby notified and declared by His Excellency the Governor-General acting with the advice of the Federal Executive Council, that the land hereunder described together Executive Council, that the hand hereinder described togetaer with all tanks and buildings, if any, thereon has been acquired by the Commonwealth under the Lands Acquisition Act 1906-1936, for the following public purpose, namely:—Postal purposes at Toorak, Victoria.—(C.L.5851.)

Dated this twenty-fifth day of February, One thousand nine hundred and forty-two.

#### GOWRIE

Governor General.

By His Excellency's Command,

J. S. COLLINGS Minister of State for the Interior.

#### DESCRIPTION OF LAND REFERBED TO.

All that piece of land containing an area of 11.9 perches more or less being part of Crown Portion 32 Parish of Prahran County of Bourke State of Victoria as shown hachured on plan hereunder: Commencing at the northeastern corner of Commonwealth property acquired by notification in the Commonwealth of Australia Gazette No. 232 dated 21st November 1940 and bounded thence by lines bearing 89 degrees 30 minutes 50 feet 180 degrees 6 minutes 65 feet and 260 degrees 30 minutes 50 feet thence by the eastern boundary of the Commonwealth property aforesaid bearing 6 minutes 65 feet to the point of commencement.



#### COMMONWEALTH OF AUSTRALIA.

#### The Lands Acquisition Act 1906-1936.

NOTIFICATION OF THE ACQUISITION OF LAND BY THE COMMONWEALTH,

IT is hereby notified and declared by His Excellency the Governor-General acting with the advice of the Federal Executive Council, that the land hereunder described has been acquired by the Commonwealth under the Lands Acquisition Act 1906-1936, for the following public purpose, namely: Defence purposes at Ulverstone, Tasmania.-(C.L.7961.)

Dated this twentieth day of February, One thousand nine hundred and forty-two. GOWRIE

#### Governor-General.

By His Excellency's Command,

#### J. S. COLLINGS Minister of State for the Interior.

#### DESCRIPTION OF LAND REFERRED TO.

DESCRIPTION OF LAND REFERRED TO. All that piece of land containing an area of 2 acres 3 roods 8 perches more or less being part of 630 acres granted to J. Thompson, F. M. Innes, Adye Douglas, Parish of Abbotsham County of Devon State of Tasmania as shown hachured on plan hereunder; Commencing at the intersection of the Northern side of Trevor Street with the Western side of Short Street and bounded thence by part of the Northern side of Short Street aforesaid bearing 270 degrees 34 minutes 400 links thence by lines bearing 360 degrees 700 links and 90 degrees 34 minutes 400 links thence by part of the Western side of Short Street aforesaid bearing 180 degrees 700 links to the point of commencement. to the point of commencement.



## COMMONWEALTH OF AUSTRALIA. The Lands Acquisition Act 1906-1936. NOTIFICATION OF THE ACQUISITION OF LAND AND EASEMENTS BY THE COMMONWEALTH.

is hereby notified and declared by His Excellency the Governor-General acting with the advice of the Federal Executive Council that the land firstly to eighthly hereunder described together with the right for the Commonwealth of described together with the right for the Commonwealth of Australia its successors and assigns and the owners and occupiers for the time being of the said land firstly to eighthly described and the land acquired by the Commonwealth by notification in the Commonwealth of Australia Gazette No. 228 dated 14th November 1941 and as appurtenant thereto to lay use and maintain a line or lines of sewerage pipes through over under and along the lands minthly to thirteenthly described together with the right to erect lay use and main-tain overhead or underground an electric transmission line through over under and along the land fourteenthly described and together with the right to go pass and repass with or without horses and other cattle carts and other vehicles through over and along the said land fourteenthly described and together with the right at all times to enter into or upon the said lands minthly to fourteenthly hereunder described by its workmen servants and others for the purposes described by its workmen servants and others for the purposes of excavating constructing laying erecting amending or repair-ing any such line or lines of sewerage pipes or electric trans-mission line has been acquired by the Commonwealth under

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## http://nla.gov.au/nla.news-page25037839

the Lands Acquisition Act 1906-1936 for the following public purpose, namely: Defence purposes at Tamworth, New South Wales.-(C.L.7425.)

Dated this twentieth day of February, One thousand nine hundred and forty-two.

GOWRIE Governor-General.

By His Excellency's Command,

J. S. COLLINGS Minister of State for the Interior.

#### DESCRIPTION OF LAND REFERRED TO.

Firstly: All that piece of land containing an area of 23 acres more or less being parts of Portions 282 and 283 Parish of Tanworth County of Inglis State of New South Wales as shown hachured and numbered 1 on plan hereunder: Commencing at the westernmost corner of Portion 282 Parish of Tamworth and bounded thence by the northwestern boundary and part of the northern boundary of that Portion bearing 49 degrees 15 minutes 1426 links and 89 degrees 46 minutes 136 links thence by lines bearing 145 degrees 52 minutes 1596.6 links 263 degrees 7 minutes 404.5 links and 238 degrees 24 minutes 1399 links thence by part of a northeastern side of a road 300 links wide bearing 336 degrees 6 minutes 30 seconds 1281.7 links to the point of commencement. Secondly: All that piece of land containing an area of

Secondly: All that piece of land containing an area of 47 acres 3 roods 16 perches more or less being parts of Portions 69, 70, 71, 72 and 317, and part of a road Parish of Tamworth County of Inglis State of New South Wales as shown hachured and numbered 2 on plan hereunder: Commencing at the northeastern corner of Portion 72 Parish of Tamworth and bounded thence by parts of the southern boundaries of Portions 284 and 289 Parish of Tamworth bearing in all 90 degrees 14 minutes 1199.2 links thence by part of the western boundary of Portion 317 Parish of Tamworth bearing 179 degrees 56 minutes 1719.4 links thence by lines bearing 137 degrees 26 minutes 849.6 links 221 degrees 44 minutes 584.9 links and 205 degrees 8 minutes 137.2 links thence by part of the western boundary of Portion 69 Parish of Tamworth bearing 179 degrees 56 minutes 337.6 links thence by parts of northeastern sides of a road 150 links wide bearing 307 degrees 48 minutes 20 seconds 1533.9 links and 307 degrees 14 minutes 1448.8 links thence by a line bearing 41 degrees 5 minutes 1616 links thence by part of the eastern boundary of Portion 72 Parish of Tamworth bearing 7 minutes 30 seconds 266.8 links to the point of commencement.

30 seconds 266.8 links to the point of commencement. Thirdly: All that piece of land containing an area of 1 acre 27 perches more or less being parts of Portions 68 and 69 Parish of Tamworth County of Inglis State of New South Wales as shown hachured and numbered 3 on plan hereunder: Commencing on a northeastern side of a road 150 links wide at a point which bears 127 degrees 48 minutes 20 seconds 117.6 links and 128 degrees 32 minutes 849.5 links from the intersection of that side of that road with the western boundary of Portion 69 Parish of Tamworth and bounded thence by lines bearing 38 degrees 49 minutes 289.8 links 128 degrees 36 minutes 398.4 links and 216 degrees 38 minutes 289.5 links thence by part of a northeastern side of the road 150 links wide aforesaid bearing 308 degrees 32 minutes 409.5 links to the point of commencement.

Fourthly: All that piece of land containing an area of 143 acres more or less being Portions 310, 311, 312 and 318 parts of Portions 67. 68, 274, 309 and 321 and part of a road one chain wide Parish of Tamworth County of Inglis State of New South Wales as shown hachured and numbered 4 on plan hereunder: Commencing at the northeastern corner of Portion 67 Parish of Tamworth and bounded thence by a line bearing 43 degrees 44 minutes 415.7 links thence by part of the southwestern boundary of Portion 304 Parish of Tamworth bearing 124 degrees 51 minutes 1233 links thence by the western and southwestern boundaries of Portion 305 Parish of Tamworth bearing 180 degrees 12 minutes 409.8 links and 143 degrees 54 minutes 672.5 links thence by the southwestern boundary of Portion 306 and part of the southwestern boundary of Portion 307 Parish of Tamworth bearing in all 126 degrees 50 minutes 1593 links thence by part of the northwestern boundary of Portion 309 Parish of Tamworth bearing 216 degrees 50 minutes 1593 links thence by lines bearing 126 degrees 22 minutes 470.6 links and 216 degrees 54 minutes 612 links thence by parts of northeastern sides of a road 150 links wide bearing 306 degrees 52 minutes 4312 links and 305 degrees 34 minutes 1306 links and 78 degrees 14 minutes 1054 links thence by part of the eastern boundary of Portion 67 Parish of Tamworth aforesaid bearing 359 degrees 58 minutes 30 seconds 387.8 links to the point of commencement.

Fifthly: All that piece of land containing an area of 32 acres 2 roods 20 perches more or less being part of T.S. & C.R. 52304-5 parts of roads and part of Portion 314 Parish of

Tamworth County of Inglis State of New South Wales as shown hachured and numbered 5 on plan hereunder: Commencing on a southwestern side of a road 150 links wide at a point which bears 306 degrees 52 minutes 418.5 links from the northwestern corner of Portion 315 Parish of Tamworth and bounded thence by a line bearing 219 degrees 34 minutes 384.8 links thence by part of the western boundary of Portion 314 Parish of Tamworth bearing 179 degrees 59 minutes 369.5 links thence by a line bearing 2 minutes 100 links thence by a line bearing 2 minutes 100 links thence by part of the northern side of the last mentioned road and a line bearing in all 270 degrees 19 minutes 1113.3 links thence by a line bearing 2 minutes 1000 links thence by part of the eastern boundary of Portion 64 Parish of Tamworth bearing 6 minutes 1516.2 links thence by a line bearing 89 degrees 21 minutes 100 links thence by part of the eastern side of a road 100 links wide bearing 6 minutes 393.4 links thence by lines bearing 7 degrees 52 minutes 214.1 links 126 degrees 41 minutes 1618 links and 118 degrees 15 minutes 884 links thence by part of the southwestern side of the road 150 links wide aforesaid bearing 126 degrees 52 minutes 306.5 links to the point of commencement.

Sixthly: All that piece of land containing an area of 38 acres 3 roods more or less being parts of Portions 64, 65, 66, 67, 68 and 69 and part of a closed road Parish of Tamworth County of Inglis State of New South Wales as shown bachured and numbered 6 on plan hereunder: Commencing on a southwestern side of a road 150 links wide at a point which bears 359 degrees 58 minutes 30 seconds 3.6 links and 305 degrees 34 minutes 502.7 links from the north-eastern corner of Portion 64 Parish of Tamworth and bounded thence by lines bearing 217 degrees 44 minutes 1534.5 links 309 degrees 25 minutes 942 links 332 degrees 21 minutes 832.5 links and 310 degrees 41 minutes 996.5 links thence by part of the eastern side of a road 100 links wide bearing 359 degrees 56 minutes 1336 links thence by parts of southwestern sides of the road 150 links wide aforesaid bearing 128 degrees 32 minutes 1540.1 links and 125 degrees 34 minutes 1974.3 links to the point of commencement.

Seventhly: All that piece of land containing an area of 3 acres 6.5 perches more or less being part of Portion 71 Parish of Tamworth County of Inglis State of New South Wales as shown hachured and numbered 7 on plan hereunder: Commencing at the intersection of a southwestern side of a road 150 links wide with the eastern boundary of Portion 72 Parish of Tamworth and bounded thence by part of that side and part of another southwestern side of that road bearing 127 degrees 14 minutes 6.5 links and 127 degrees 48 minutes 20 seconds 725.5 links thence by lines bearing 217 degrees 38 minutes 578.9 links and 292 degrees 26 minutes 245.1 links thence by part of the eastern boundary of Portion 72 aforesaid bearing 7 minutes 30 seconds 813.6 links to the point of commencement.

Eighthly: All that piece of land containing an area of 2 perches more or less being part of Portion 73 Parish of Tamworth County of Inglis State of New South Wales as shown hachured and numbered 8 on plan hereunder: Commencing at a point which bears 307 degrees 14 minutes 1228.4 links 173 degrees 56 minutes 195.1 links 211 degrees 5 minutes 1123.8 links and 181 degrees 7 minutes 237.6 links from the intersection of a southwestern side of a road 150 links wide with the eastern boundary of Portion 72 Parish of Tamworth and bounded thence by lines bearing 181 degrees 7 minutes 22.8 links 274 degrees 24 minutes 19.4 links 327 degrees 38 minutes 50 links 57 degrees 38 minutes 22.75 links 6.7 links to the point of commencement.

Ninthly: All that piece of land being part of Portion 73 Parish of Tamworth County of Inglis State of New South Wales as shown numbered 9 on plan hereunder.

Tenthly: All that piece of land being parts of Portions 72. 73 and 327 Parish of Tamworth County of Inglis State of New South Wales as shown numbered 10 on plan hereunder.

Eleventhly: All that piece of land being parts of Portions 70 and 71 Parish of Tamworth County of Inglis State of New South Wales as shown numbered 11 on plan hereunder.

Twelfthly: All that piece of land being parts of Portions 64 and 65 Parish of Tamworth County of Inglis State of New South Wales as shown numbered 12 on plan hereunder.

Thirteenthly: All that piece of land being parts of Portions 34 and 35 and part of a road one chain wide Parish of Tamworth County of Inglis State of New South Wales as shown numbered 13 on plan hereunder.

Fourteenthly: All that piece of land being parts of Portions 72. 73 and 327 Parish of Tamworth County of Inglis State of New South Wales as shown numbered 14 on plan hereunder.



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LAND

SERVICES



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH \_\_\_\_\_

> SEARCH DATE \_\_\_\_\_ 19/8/2024 11:48AM

FOLIO: 39/22919

\_\_\_\_

First Title(s): SEE PRIOR TITLE(S) Prior Title(s): VOL 6343 FOL 78

Recorded	Number	Type of Instrument	C.T. Issue
5/11/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
9/6/1989		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
4/4/1996	2064554	TRANSFER	EDITION 1
27/2/2014	AI410898	DEPARTMENTAL DEALING	

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

778 Manilla Road, Oxley Vale...



**REGISTRY** Title Search



NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 39/22919

LAND

SERVICES

\_\_\_\_

SEARCH DATE	TIME	EDITION NO	DATE
19/8/2024	11:48 AM	1	4/4/1996

#### LAND

----LOT 39 IN DEPOSITED PLAN 22919 LOCAL GOVERNMENT AREA TAMWORTH REGIONAL PARISH OF TAMWORTH COUNTY OF INGLIS TITLE DIAGRAM DP22919

FIRST SCHEDULE

BUTLARK PTY LIMITED

(T 2064554)

SECOND SCHEDULE (1 NOTIFICATION)

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\* 1 EASEMENT APPURTENANT TO THE LAND ABOVE DESCRIBED AFFECTING THE LAND DESIGNATED (A) IN DP109778 VIDE NOTIFN. IN COMM. GOV. GAZ. NO.70 DATED 5-3-1942 PAGES 565 & 566

NOTATIONS

\_\_\_\_\_

UNREGISTERED DEALINGS: NIL

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

778 Manilla Road, Oxley Vale

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



# Annex D



## Date: 09 Aug 2024 10:33:11 Reference: LS059718 EP Address: 778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

Disclaimer:

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

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

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Feature s On- site	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	NSW Department of Customer Service - Spatial Services	24/07/2024	24/07/202 4	Quarterly	-	•	-	-
Topographic Data	NSW Department of Customer Service - Spatial Services	21/05/2024	21/05/202 4	Annually	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority NSW	30/07/2024	10/07/202 4	Monthly	1000m	0	0	0
Contaminated Land Records of Notice	Environment Protection Authority NSW	30/07/2024	30/07/202 4	Monthly	1000m	0	0	0
Former Gasworks	Environment Protection Authority NSW	06/08/2024	14/07/202 1	Quarterly	1000m	0	0	0
Notices under the POEO Act 1997	Environment Protection Authority NSW	30/07/2024	30/07/202 4	Monthly	1000m	0	0	0
National Waste Management Facilities Database	Geoscience Australia	29/04/2024	29/11/202 2	Annually	1000m	0	0	0
National Liquid Fuel Facilities	Geoscience Australia	20/09/2023	07/09/202 0	Annually	1000m	0	0	0
EPA PFAS Investigation Program	Environment Protection Authority NSW	18/07/2024	14/06/202 4	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Investigation Sites	Australian Department of Defence	18/07/2024	29/02/202 4	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Management Sites	Australian Department of Defence	18/07/2024	29/02/202 4	Monthly	2000m	0	0	0
Airservices Australia National PFAS Management Program	Airservices Australia	18/07/2024	18/07/202 4	Monthly	2000m	0	0	0
Defence Controlled Areas	Australian Department of Defence	17/07/2024	17/07/202 4	Quarterly	2000m	0	0	0
Defence 3 Year Regional Contamination Investigation Program	Australian Department of Defence	05/08/2024	02/09/202	Quarterly	2000m	0	0	0
National Unexploded Ordnance (UXO)	Australian Department of Defence	17/07/2024	17/07/202 4	Quarterly	2000m	0	0	1
EPA Other Sites with Contamination Issues	Environment Protection Authority NSW	13/11/2023	15/12/202 2	Annually	1000m	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority NSW	22/07/2024	22/07/202 4	Monthly	1000m	0	0	0
Delicensed POEO Activities still regulated by the EPA	Environment Protection Authority NSW	22/07/2024	22/07/202 4	Monthly	1000m	0	0	0
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority NSW	22/07/2024	22/07/202 4	Monthly	1000m	0	3	3
UBD Business Directories (Premise & Intersection Matches)	Hardie Grant			Not required	150m	0	0	0
UBD Business Directories (Road & Area Matches)	Hardie Grant			Not required	150m	-	58	58
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	500m	0	0	0
WBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	500m	-	5	5
Points of Interest	NSW Department of Customer Service - Spatial Services	18/07/2024	18/07/202 4	Quarterly	1000m	0	3	3
Tanks (Areas)	NSW Department of Customer Service - Spatial Services	18/07/2024		Quarterly	1000m	0	0	0
Tanks (Points)	NSW Department of Customer Service - Spatial Services	18/07/2024	18/07/202 4	Quarterly	1000m	0	0	1
Major Easements	NSW Department of Customer Service - Spatial Services	06/05/2024		Quarterly	1000m	0	1	1
State Forest	Forestry Corporation of NSW	12/12/2023	11/12/202	Annually	1000m	0	0	0
Hydrogeology Map of Australia	Geoscience Australia	17/04/2024			1000m	1	1	1

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Feature s On- site	No. Features within 100m	No. Features within Buffer
Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018	NSW Department of Climate Change, Energy, the Environment and Water	28/05/2024	23/02/201 8	Quarterly	1000m	0	0	0
National Groundwater Information System (NGIS) Boreholes	Bureau of Meteorology; Water NSW	28/05/2024	20/06/202 3	Annually	2000m	0	0	137
NSW Seamless Geology Single Layer: Rock Units	NSW Department of Regional NSW	06/12/2023	31/05/202 3	Annually	1000m	2	2	3
NSW Seamless Geology Single Layer: Trendlines	NSW Department of Regional NSW	06/12/2023	31/05/202 3	Annually	1000m	0	0	0
NSW Seamless Geology Single Layer: Geological Boundaries and Faults	NSW Department of Regional NSW	06/12/2023	31/05/202 3	Annually	1000m	0	0	0
Naturally Occurring Asbestos Potential	NSW Department of Regional NSW	26/04/2024	14/03/202 4	Annually	1000m	0	0	0
Atlas of Australian Soils	Australian Bureau of Agriculture and Resource Economics and Sciences (ABARES)	12/01/2024	17/02/201 1	Annually	1000m	2	2	2
Soil Landscapes of Central and Eastern NSW	NSW Department of Climate Change, Energy, the Environment and Water	12/12/2023	27/07/202 0	Annually	1000m	3	4	5
Environmental Planning Instrument Acid Sulfate Soils	NSW Department of Planning, Housing and Infrastructure	08/07/2024	03/05/202 4	Monthly	500m	0	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	12/01/2024	21/02/201 3	Annually	1000m	1	1	1
Dryland Salinity - National Assessment	Australian Bureau of Agricultural and Resource Economics and Sciences	03/06/2024	24/05/202 4	Annually	1000m	0	0	0
Mining Subsidence Districts	NSW Department of Customer Service	06/08/2024	06/08/202 4	Quarterly	1000m	0	0	0
Current Mining Titles	NSW Department of Regional NSW	22/07/2024	22/07/202 4	Monthly	1000m	0	0	0
Mining Title Applications	NSW Department of Regional NSW	22/07/2024	22/07/202 4	Monthly	1000m	0	0	0
Historic Mining Titles	NSW Department of Regional NSW	22/07/2024	22/07/202 4	Monthly	1000m	4	4	6
Environmental Planning Instrument SEPP State Significant Precincts	NSW Department of Planning, Housing and Infrastructure	08/07/2024	08/09/202 3	Monthly	1000m	0	0	0
Environmental Planning Instrument Land Zoning	NSW Department of Planning, Housing and Infrastructure	08/07/2024	01/07/202 4	Monthly	1000m	3	5	10
Commonwealth Heritage List	Australian Department of Climate Change, Energy, the Environment and Water	20/10/2023	13/04/202 2	Annually	1000m	0	0	0
National Heritage List	Australian Department of Climate Change, Energy, the Environment and Water	20/10/2023	13/04/202 2	Annually	1000m	0	0	0
State Heritage Register - Curtilages	NSW Department of Planning, Industry and Environment	29/07/2024	05/07/202 4	Quarterly	1000m	0	0	0
Environmental Planning Instrument Local Heritage	NSW Department of Planning, Housing and Infrastructure	08/07/2024	28/06/202 4	Monthly	1000m	0	0	0
Bush Fire Prone Land	NSW Rural Fire Service	22/07/2024	12/03/202 4	Monthly	1000m	3	3	3
NSW Native Vegetation Type Map	NSW Department of Climate Change, Energy, the Environment and Water	28/05/2024	30/11/202 3	Quarterly	1000m	2	2	24
Ramsar Wetlands of Australia	Australian Department of Climate Change, Energy, the Environment and Water	16/05/2024	11/04/202 4	Annually	1000m	0	0	0
Collaborative Australian Protected Areas Database (CAPAD) 2022 - Terrestrial	Australian Department of Climate Change, Energy, The Environment and Water	04/03/2024	30/06/202 2	Annually	1000m	0	0	0
Collaborative Australian Protected Areas Database (CAPAD) 2022 - Marine	Australian Department of Climate Change, Energy, The Environment and Water	04/03/2024	30/06/202 2	Annually	1000m	0	0	0
Groundwater Dependent Ecosystems	Bureau of Meteorology	28/05/2024	28/05/202 4	Annually	1000m	1	1	3
Inflow Dependent Ecosystems Likelihood	Bureau of Meteorology	28/05/2024	28/05/202 4	Annually	1000m	1	1	6
NSW BioNet Species Sightings	NSW Department of Climate Change, Energy, the Environment and Water	07/08/2024	07/08/202 4	Monthly	10000m	-	-	-

## Site Diagram





## **Contaminated Land**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

#### 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
N/A	No records in buffer								

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

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

NSW EPA Contaminated Land List Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

## **Contaminated Land**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

## **Contaminated Land: Records of Notice**

Record of Notices within the dataset buffer:

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

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

## **Former Gasworks**

#### Former Gasworks within the dataset buffer:

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

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

## **Contaminated Land**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

## **EPA Notices**

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

Map ID	Number	Туре	Name	Address	Status	Issued Date	Act	Offence	Offence Date	Loc Conf	Dist	Dir
N/A												

NSW EPA Notice Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

# **Waste Management & Liquid Fuel Facilities**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

## **National Waste Management Facilities Database**

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

Map ID	Owner	Name	Address	Management Type	Facility Type	Status	Loc Conf	Dist	Dir
N/A	No records in buffer								

Source: Waste Management Facilities Database

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## **National Liquid Fuel Facilities**

#### National Liquid Fuel Facilties within the dataset buffer:

Map Id	Owner	Name	Address	Suburb	Class	Operational Status	Operator	Revision Date	Loc Conf	Dist	Direction
N/A	No records in buffer										

National Liquid Fuel Facilities Data Source: Geoscience Australia Creative Commons 4.0 © Commonwealth of Australia

## **PFAS Investigation & Management Programs**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

## **EPA PFAS Investigation Program**

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

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

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

## **Defence PFAS Investigation Program**

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

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

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

## Defence PFAS Management Program

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

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

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

## Airservices Australia National PFAS Management Program

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

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

Airservices Australia National PFAS Management Program Data Custodian: Airservices Australia

## **Defence Sites and Unexploded Ordnance**



## **Defence Sites and Unexploded Ordnance**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

## **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
8	Tamworth	Slight Potential	This site was used as a Grenade Range during WWII.		Not Commonwealth Land	As Supplied	1512m	South East

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

## **EPA Other Sites with Contamination Issues**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

#### **EPA Other Sites with Contamination Issues**

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

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

Sites within the dataset buffer:

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

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

# **EPA Activities**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

## 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
N/A	No records in buffer							

POEO Licence Data Source: Environment Protection Authority © State of New South Wales through the Environment Protection Authority

#### **Delicensed & Former Licensed EPA Activities**



## **EPA Activities**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

## Delicensed Activities still regulated by the EPA

Delicensed activities still regulated by the EPA, within the dataset buffer:

Licence No	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
N/A	No records in buffer							

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

# Former Licensed Activities under the POEO Act 1997, now revoked or surrendered

Former Licensed activities under the Protection of the Environment Operations Act 1997, now revoked or surrendered, within the dataset buffer:

Licence No	Organisation	Location	Status	Issued Date	Activity	Loc Conf	Distance	Direction
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered	06/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	18m	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	18m	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	18m	East

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

## **Historical Business Directories**



## **Historical Business Directories**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

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

Potentially contaminative business activities extracted from Universal Business Directories from years 1991, 1982, 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
N/A	No records in buffer						

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## Business Directory Records 1950-1991 Road or Area Matches

Potentially contaminative business activities extracted from Universal Business Directories from years 1991, 1982, 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
1	CARRIERS &/OR CARTAGE CONTRACTORS	Pullman & Benison, Manilla Rd., Tamworth 2340	104240	1982	Road Match	0m
	ENGINEERS - AGRICULTURAL.	Pullman & Bettison, Manilla Rd., Tamworth 2340	104505	1982	Road Match	0m
	ENGINEERS FACTORY MAINTENANCE.	Pullman & Bettison, Manilla Rd., Tamworth 2340	104536	1982	Road Match	0m
	LIVESTOCK CARRIERS	Pullman & Bettison, Manilla Rd., Tamworth 2340	105006	1982	Road Match	0m
	CARRIERS & CARTAGE CONTRACTORS	Johnston, K. D., Manilla Rd., Tamworth 2340	644991	1970	Road Match	0m
	CARRIERS & CARTAGE CONTRACTORS	Pullman & Bettison, Manilla Rd., Tamworth 2340	645004	1970	Road Match	0m
	LIVESTOCK CARRIERS	Pullman & Bettison, Manilla Rd., Tamworth 2340	645717	1970	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS	Pullman & Bettison, Manilla Rd., Tamworth 2340	646011	1970	Road Match	0m
	TYRE DEALERS, RETREADERS & VULCANIZERS	Pullman & Bettison, Manilla Rd., Tamworth 2340	646655	1970	Road Match	Om
	BUILDERS &/OR BUILDING CONTRACTORS	Rosenberg, K., Manilla Rd., Tamworth 2340	644836	1970	Road Match	0m
	BUILDINGS-PREFABRICATED MANUFACTURERS & DISTRIBUTORS	Tamworth Industries Pty. Ltd., Manilla Rd., Tamworth 2340	644882	1970	Road Match	Om
	DOOR MANUFACTURERS	Tamworth Industries Pty. Ltd., Manilla Rd., Tamworth 2340	645127	1970	Road Match	0m
	ENGINEERS - FABRICATING	Tamworth Industries Pty. Ltd., Manilla Rd., Tamworth 2340	645269	1970	Road Match	Om
	ENGINEERS- CONSTRUCTIONAL	Tamworth Industries Pty. Ltd., Manilla Rd., Tamworth 2340	645254	1970	Road Match	Om
	ENGINEERS-GENERAL, MFRG. & MECHANICAL	Tamworth Industries Pty. Ltd., Manilla Rd., Tamworth 2340	645284	1970	Road Match	0m
	ENGINEERS-STRUCTURAL	Tamworth Industries Pty. Ltd., Manilla Rd., Tamworth 2340	645310	1970	Road Match	0m
	SILO MANUFACTURERS	Tamworth Industries Pty. Ltd., Manilla Rd., Tamworth 2340	646453	1970	Road Match	0m
	STEEL FABRICATORS	Tamworth Industries Pty. Ltd., Manilla Rd., Tamworth 2340	646512	1970	Road Match	0m
	STEEL MERCHANTS- GENERAL	Tamworth Industries Pty. Ltd., Manilla Rd., Tamworth 2340	646518	1970	Road Match	0m
	TANK & TANK STAND MFRS. &/OR DISTRIBUTORS	Tamworth Industries Pty. Ltd., Manilla Rd., Tamworth 2340	646573	1970	Road Match	Om
	WELDERS-ELECTRIC &/OR OXY	Tamworth Industries Pty. Ltd., Manilla Rd., Tamworth 2340	646710	1970	Road Match	0m
	MOTOR SERVICE STATIONS PETROL, OIL, ETC.	Wackett's Store, Manilla Rd., Oxley Vale 2340	646080	1970	Road Match	0m
	POULTRY FARMERS' SUPPLIES	Everson, C., Manilla Rd., Tamworth	172337	1961	Road Match	0m
	HATCHERIES	Everson, G., Manilla Rd., Tamworth	171618	1961	Road Match	0m
	BUILDERS & CONTRACTORS	Katwyk, L. and F., Manilla Rd., Tamworth	170883	1961	Road Match	0m
	FIBROUS PLASTER MANUFACTURERS	Muir, N. W. & Morris, V. T., Manilla Rd., Tamworth	171386	1961	Road Match	Om
	BATTERY SERVICE STATIONS	Pullman & Bettison, Manilla Rd., Tamworth	170792	1961	Road Match	0m

CARRIERS & CARTAGE Pullman & Bettison, Manila Rd., Tarnworth 171087 1961 Road Match Om   LIVESTCCK CARGERERS Pullman & Bettison, Manila Rd., Tarnworth 171817 1961 Road Match Om   MCTOR GARAGERS &/OR Pullman & Bettison, Manila Rd., Tarnworth 172887 1961 Road Match Om   TYRE & TUBE DEALERS Pullman & Bettison, Manila Rd., Tarnworth 172887 1961 Road Match Om   MUNDACTURERS Pullman & Bettison, Manila Rd., Tarnworth 172887 1961 Road Match Om   MUNDACTURERS Tarnworth Industrise Pty. Ltd., Manila Rd., 177380 1961 Road Match Om   ENGINEERS-CERENAL, MRG Tarnworth Industrise Pty. Ltd., Manila Rd., 177380 1961 Road Match Om   STATION & FARM SUPPLIES Tarnworth Industrise Pty. Ltd., Manila Rd., 177380 1961 Road Match Om   STEEL FARRICATORS Tarnworth Industrise Pty. Ltd., Manila Rd., 172257 1961 Road Match Om   STEEL FARRICATORS Tarnworth Industrise Pty. Ltd., Manila Rd., 172267 1961 Ro	Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
MOTOR GARAGES &/OR ENCINCERS Pullman & Bettison, Manilla Rd., Tamworth 17208 1961 Road Match Om   TYRE & TUBE DEALERS Pullman & Bettison, Manilla Rd., Tamworth 172887 1661 Road Match Om   BULDINGS-PREFABRICATED- MANU/ACTURERS & DISTRIBUTORS Tamworth Industries Pty. Ltd., Manilla Rd., 170841 1861 Road Match Om   ENCINCERS & CONSTRUCTIONAL Tamworth Industries Pty. Ltd., Manilla Rd., 171307 1961 Road Match Om   ENCINCERS AGENERAL, MFRB, Tamworth Industries Pty. Ltd., Manilla Rd., 171310 1961 Road Match Om   ENCINCERS AGENERAL, MFRB, Tamworth Industries Pty. Ltd., Manilla Rd., 171301 1961 Road Match Om   STATION & FARM SUPPLES Tamworth Industries Pty. Ltd., Manilla Rd., 1712527 1961 Road Match Om   STEEL FABRICATORS Tamworth Industries Pty. Ltd., Manilla Rd., 172257 1961 Road Match Om   VELDERS-ELECTRIC SUR Tamworth Industries Pty. Ltd., Manilla Rd., 172271 1961 Road Match Om   VELDERS-ELECTRIC SUR Tamworth Industries Pty. Ltd., Manilla Rd.,	1		Pullman & Bettison, Manilla Rd., Tamworth	171057	1961	Road Match	0m
ENGINEERSPullman & Bettison, Manilla Rd., Tarnworth1728871961Road MatchOmBULLDINGS-REF_BARICATED. TarnworthTarnworth1709411961Road MatchOmBULLDINGS-REF_BARICATED. TarnworthTarnworth17109411961Road MatchOmENSINEERS- CONSTRUCTIONALTarnworthIndustrise Pty. Ltd., Manilla Rd.,1713271961Road MatchOmENSINEERS-FABRICATINGTarnworthIndustrise Pty. Ltd., Manilla Rd.,1713211961Road MatchOmENSINEERS-SERRAL_MRCR, TarnworthIndustrise Pty. Ltd., Manilla Rd.,1713211961Road MatchOmENSINEERS-SERRAL_MRCR, TarnworthTarnworthIndustrise Pty. Ltd., Manilla Rd.,1713251961Road MatchOmSTATION & FARM SUPPLUESTarnworthIndustrise Pty. Ltd., Manilla Rd.,1725271961Road MatchOmSTEEL FABRICATORSTarnworthIndustrise Pty. Ltd., Manilla Rd.,1722721961Road MatchOmVELDERS-ELECTRIC & OR COMPACHANTS- Cammerch Industrise Pty. Ltd., Manilla Rd.,1722721961Road MatchOmVELDERS-ELECTRIC & OR COMPACHANTS-Valks. J., Manilla Rd., Tarnworth1722741961Road MatchOmCOMSTREAL COMPACHERS- COMDIDValks. J., Manilla Rd., Tarnworth1722861961Road MatchOmCOMSTREAL COMPACHERS- COMDIDValks. J., Manilla Rd., Tarnworth1722861961Road MatchOmCOMSTREAL COMSTREAL CARACLERS		LIVESTOCK CARRIERS	Pullman & Bettison, Manilla Rd., Tamworth	171817	1961	Road Match	0m
BUILDINGS-PREFABRICATED INSTRUCTIONAL DISTRUCTIONAL CONSTRUCTIONAL ENGINEERS- CONSTRUCTIONAL ENGINEERS- CONSTRUCTIONAL ENGINEERS- CONSTRUCTIONAL ENGINEERS- CONSTRUCTIONAL ENGINEERS- SCRUCTIONAL ENGINEERS- SCRUCTURAL Tarmooth Industries Pty. Ltd., Manilla Rd., Tarmooth Manufastrise Pty. Ltd., Manilla Rd., T171321 176121 Read Match Om   ENGINEERS- CONSTRUCTIONAL & MECHANICAL ENGINEERS-STRUCTURAL Tarmooth & MECHANICAL ENGINEERS-STRUCTURAL Tarmooth Tarmooth Tarmooth Industries Pty. Ltd., Manilla Rd., Tarmooth 171320 1961 Read Match Om   STATION & FARM SUPPLIES Tarmooth Tarmooth Tarmooth Tarmooth 172527 1961 Read Match Om   STEEL FABRICATORS Tarmooth Tarmooth Tarmooth Manilla Rd., Tarmooth 172527 1961 Read Match Om   STEEL FABRICATORS Tarmooth Tarmooth Tarmooth Manilla Rd., Tarmooth 172257 1961 Read Match Om   VELDERS-ELECTRIC &OR Tarmooth Tarmooth Tarmooth 172274 1961 Read Match Om   PHOTOGRAPHERS- CONSTRUCTURAL Tarmooth Manilla Rd., Tarmooth 172274 1961 Read Match Om   PHOTOGRAPHERS- CONTRAL Valks. J., Manilla Rd., Tarmooth 172274 1961			Pullman & Bettison, Manilla Rd., Tamworth	172085	1961	Road Match	Om
MANUFACTURERS & DISTRUCTIONAL Tarmworth CONSTRUCTIONAL TARMWORTH CONSTRUCTIONAL TARMWORTH Industries Pty. Ltd., Manilla Rd., TARMWORTH Industries Pty. Ltd., Manilla Rd., TATHWORTH Industries Pty. Ltd., Manilla Rd., TATHWORTH Industries Pty. Ltd., Manilla Rd., TATHWORTH Industries Pty. Ltd., Manilla Rd., TATHWORTH Industries Pty. Ltd., Manilla Rd., TATHON & FARM SUPPLIES TARMWORTH Industries Pty. Ltd., Manilla Rd., TATHWORTH Industries Pty. Ltd., Manilla Rd., TATHWORTH, Industries Pty. Ltd., Manilla Rd., TATHWOR		TYRE & TUBE DEALERS	Pullman & Bettison, Manilla Rd., Tamworth	172687	1961	Road Match	0m
CONSTRUCTIONALTamworthTamworthConstructionRead MatchOmENGINEERS-FABRICATINGTamworthTamworth1713211961Read MatchOm& MECHANICALTamworthTamworthTamworth1713401961Read MatchOm& MECHANICALTamworthTamworthTamworth1713581961Read MatchOmSTATION & FARM SUPPLIESTamworthTamworth1725271961Read MatchOmSTEEL FABRICATORSTamworthTamworth1725371961Read MatchOmSTEEL FABRICATORSTamworthTamworth1725371961Read MatchOmGENERALTamworthTamworthTamworth1722771961Read MatchOmWELDERS-ELECTRIC &/ORTamworthTamworth1722741961Read MatchOmPHOTOGRAPHERS-CANDIDValks, J., Manilla Rd., Tamworth1722741961Read MatchOmPHOTOGRAPHERS-CANDIDValks, J., Manilla Rd., Tamworth1722741961Read MatchOmPHOTOGRAPHERS-CANDIDValks, J., Manilla Rd., Tamworth1722811961Read MatchOmCARNERS & CARTAGEMelbourne Dry Cleaning Service, Manilla St.1609121950Read MatchOmCARNERS & CARTAGEMorgan, J. P., Manilla Rd., Tamworth1722861950Read MatchOmCARNERS & CARTAGEMorgan, J. P., Manilla Rd., Tamworth1606401950Read MatchOmCARNERS & LARTAGE <td></td> <td>MANUFACTURERS &amp;</td> <td></td> <td>170941</td> <td>1961</td> <td>Road Match</td> <td>0m</td>		MANUFACTURERS &		170941	1961	Road Match	0m
TarnworthTarnworthTarnworthRead MatchOmENGINEERS-GENERS-LECTRICTarnworthTarnworth1713401861Read MatchOmENGINEERS-GENERS-TRUCTURALTarnworthTarnworth1713581961Read MatchOmSTATION & FARM SUPPLIESTarnworthTarnworth1725271961Read MatchOmSTEEL FABRICATORSTarnworthTarnworth1725371961Read MatchOmSTEEL FABRICATORSTarnworthTarnworth1725371961Read MatchOmGENERALTarnworthTarnworthTarnworth1722771961Read MatchOmOKTarnworthTarnworth1722771961Read MatchOmWELDERS-ELECTRIC &/ORTarnworthTarnworth1722781961Read MatchOmOKTarnworthTarnworth1722771961Read MatchOmOKTarnworthTarnworth1722781961Read MatchOmOKTarnworthTarnworth1722781961Read MatchOmOKTarnworthTarnworth1722781961Read MatchOmOKTarnworthTarnworth1722781961Read MatchOmPHOTOGRAPHERS-CANDIDValks, J., Manilla Rd, Tarnworth1722781961Read MatchOmCARRARCES & CARTAGETarnworthTarnworth1722781960Read MatchOmCARNEERS & CARTAGETarnworthInd				171307	1961	Road Match	0m
A MECHANICALTarnworthTarnworthIndustries Pty. Ltd., Manilla Rd., 1713581961Road MatchOmENGINEERS-STRUCTURALTarnworthTarnworthIndustries Pty. Ltd., Manilla Rd., 1725271961Road MatchOmSTATION & FARM SUPPLIESTarnworthTarnworth1725271961Road MatchOmSTEEL FABRICATORSTarnworthTarnworth1725271961Road MatchOmSTEEL MERCHANTS- GENERALTarnworthIndustries Pty. Ltd., Manilla Rd., Tarnworth1722771961Road MatchOmWELDERS-ELECTRIC &/OR COMMERCIALTarnworthIndustries Pty. Ltd., Manilla Rd., Tarnworth1722741961Road MatchOmPHOTOGRAPHERS-CANDDValks, J., Manilla Rd., Tarnworth1722761961Road MatchOmPHOTOGRAPHERS-PORTRAIValks, J., Manilla Rd., Tarnworth1722761961Road MatchOmPHOTOGRAPHERS-PORTRAIValks, J., Manilla Rd., Tarnworth1600121950Road MatchOmCARRIERS & CARTAGEMorgan, J. P., Manilla Rd. Tarnworth1600411950Road MatchOmCONTRERS & CARTAGETarnworth Industries Pty. Ltd., Manilla Rd.1600411950Road MatchOmCARRIERS & CARTAGETarnworth Industries Pty. Ltd., Manilla Rd.1600411950Road MatchOmGURIERS & CARTAGETarnworth Industries Pty. Ltd., Manilla Rd.1600411950Road MatchOmGURIERS & CARTAGETarnworth Industries Pty. Ltd., Manilla Rd.<		ENGINEERS-FABRICATING		171321	1961	Road Match	0m
TarnworthTarnworthFor the second secon				171340	1961	Road Match	0m
TarworthTarworthTarworthTarworthSTEEL FABRICATORSTarworth Industries Pty. Ltd., Manilla Rd., Tarworth Industries Pty. Ltd., Manilla Rd., Tarworth Industries Pty. Ltd., Manilla Rd., Tarworth Industries Pty. Ltd., Manilla Rd., Tarworth17254119611Road Match0mSTEEL MERCHANTS- GENERALTarworth Industries Pty. Ltd., Manilla Rd., Tarworth1722721961Road Match0mWELDERS-ELECTRIC &/OR OXYTarworth Industries Pty. Ltd., Manilla Rd., Tarworth17227419611Road Match0mPHOTOGRAPHERS- COMMERCIALValks, J., Manilla Rd., Tarworth1722781961Road Match0mPHOTOGRAPHERS- COMMERCIALValks, J., Manilla Rd., Tarworth1722781961Road Match0mPHOTOGRAPHERS-PORTRAIT Valks, J., Manilla Rd., Tarworth1722781961Road Match0mCARRIERS & CARTAGE CONTRACTORSMelbourne Dry Cleaning Service, Manilla St. Road, Tarmworth1600401950Road Match0mCARRIERS & CARTAGE COLUTURAL MARCHINERY REVAINA STRALLER BUILDERS & DEALERSTarmworth Industries Proprietary Ltd., Manilla Road, Tarmworth Industries Proprietary Ltd., Manilla Rd. Tarmworth Industries Pry. Ltd., Manilla Rd. Tarmworth1603701950Road Match0mENGINEERS-STRUCTURE 		ENGINEERS-STRUCTURAL		171358	1961	Road Match	0m
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ENGINEERSRoad., TamworthImage: Carca Strain S			Morgan, J. P., Manilla Rd. Tamworth	160640	1950	Road Match	0m
BUILDERS & DEALERSTamworthIndex of the construction				160843	1950	Road Match	0m
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			Tamworth Industries, Manilla Rd. Tamworth	160812	1950	Road Match	0m
MOTOR BODY BUILDERS Tamworth Industries, Manilla Rd., Tamworth 162451 1950 Road Match 0m		WELDERS-OXY & ELECTRIC	Tamworth Industries, Manilla Rd. Tamworth	162908	1950	Road Match	Om
		MOTOR BODY BUILDERS	Tamworth Industries, Manilla Rd., Tamworth	162451	1950	Road Match	0m

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# **Dry Cleaners, Motor Garages & Service Stations**





## **Historical Business Directories**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

#### 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
N/A	No records in buffer						

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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
1	MOTOR GARAGES &/OR ENGINEERS	Pullman & Bettison, Manilla Rd., Tamworth 2340	646011	1970	Road Match	Om
	MOTOR SERVICE STATIONSPETROL, OIL, ETC.	Wackett's Store, Manilla Rd., Oxley Vale 2340	646080	1970	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS	Pullman & Bettison, Manilla Rd., Tamworth	172085	1961	Road Match	0m
	FURNITURE DRY CLEANERS	Melbourne Dry Cleaning Service, Manilla St. Tamworth	160912	1950	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Tamworth Industries Proprietary Ltd., Manilla Road., Tamworth	160843	1950	Road Match	Om

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**Topographic Map 2015** 





## Historical Map 1975





## Historical Map c.1942







778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

## **Points of Interest**

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
621882	Homestead	ROCKDALE	22m	West
622472	Homestead	GREENMOUNT	34m	North East
622476	Homestead	ROCKLEIGH	82m	North West

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

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778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

## 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
191186	Water	Operational		28/06/2017	172m	North

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
120119741	Primary	Undefined		63m	South West

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

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#### 778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

#### **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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## **Elevation Contours (m AHD)**



# Hydrogeology & Groundwater

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

## Hydrogeology

Description of aquifers within the dataset buffer:

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

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

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

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

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

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



# Hydrogeology & Groundwater

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

### **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
10135411	GW071571	Water Supply	Unknown	07/09/1993	80.80		AHD		0.600		169m	South
10041828	GW900248	Water Supply	Unknown	04/02/1992	58.50		AHD	Good			242m	South
10094106	GW048041	Water Supply	Unknown	01/11/1977	62.20		AHD				274m	North West
10100610	GW060521	Water Supply	Unknown	01/11/1984	28.00		AHD	501-1000 ppm			348m	South West
10015814	GW061125	Water Supply	Unknown	01/06/1985	52.70		AHD				498m	North West
10129348	GW054824	Unknown	Unknown	01/02/1981	43.30		AHD				518m	South
10039334	GW901283	Water Supply	Unknown	02/11/1994	61.00		AHD				555m	South West
10109483	GW035225	Water Supply	Unknown	01/11/1972	31.30		AHD				587m	North
10044285	GW900094	Water Supply	Unknown	02/11/1994	61.00		AHD				591m	South West
10135747	GW070485	Water Supply	Unknown	08/03/1993	61.00		AHD				679m	South
10057454	GW070840	Water Supply	Unknown	26/04/1993	46.00		AHD				690m	North
10023029	GW070487	Stock and Domestic	Unknown	09/03/1982	33.50		AHD		0.330	15.20	693m	South West
10150808	GW027993	Stock and Domestic	Unknown	01/07/1967	73.90		AHD				693m	East
10144641	GW035807	Stock and Domestic	Non- functional	01/05/1973	42.70		AHD				702m	North East
10039141	GW965060	Water Supply	Unknown	30/03/2001	97.56		AHD		1.000	17.99	708m	South
10035346	GW968154	Water Supply	Functioning	16/12/2006	48.80		AHD		0.220	21.00	727m	North East
10043461	GW968126	Water Supply	Functioning	19/12/2006	48.80		AHD		0.220	21.00	730m	North East
10016920	GW026457	Water Supply	Functioning	01/01/1965	15.20		AHD		0.420		760m	North
10015799	GW050830	Water Supply	Unknown	01/05/1979	28.70		AHD				782m	North
10029197	GW969252	Water Supply	Functioning	24/04/2007	91.40		AHD		0.310	8.80	871m	South
10126945	GW044685	Stock and Domestic	Unknown		42.70		AHD				885m	North East
10010150	GW035996	Water Supply	Non- functional		22.20		AHD				905m	North
10073046	GW043274	Water Supply	Unknown	01/04/1974	33.50		AHD				935m	North West
10126497	GW045034	Water Supply	Functioning	01/07/1976	42.70		AHD				936m	North West
10008564	GW064355	Water Supply	Unknown	01/09/1987	49.60		AHD				983m	North West
10139086	GW050756	Water Supply	Functioning	01/02/1980	49.10		AHD				988m	North West
10145942	GW052163	Water Supply	Unknown	01/12/1981	28.70		AHD				1002m	North West
10131881	GW065542	Irrigation	Unknown	01/01/1970	8.00		AHD				1030m	West
10027731	GW051372	Water Supply	Unknown	01/02/1980	50.00		AHD				1041m	North West

100030100W082887Water SuppUnknown0103/198131.70AHDAHDIII <th>NGIS Bore ID</th> <th>NSW Bore ID</th> <th>Bore Type</th> <th>Status</th> <th>Drill Date</th> <th>Bore Depth (m)</th> <th>Reference Elevation</th> <th></th> <th>Salinity (mg/L)</th> <th>Yield (L/s)</th> <th>SWL (mbgl)</th> <th>Distance</th> <th>Direction</th>	NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation		Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10104047     Wilz 2483     Ingition     Unknown     01/04/198     11.00     AHD     AHD     1.00     1007     North       10044387     GW08684     Water Suppi     Functioning     201/2004     33.6.5     AHD     1.00     1.00     1.00     West       10044442     GW09106     Ingition     Unknown     01/011973     27.40     AHD     AHD     0.00     1.00     1.00     North       10046388     GW086375     Water Suppi     Functioning     060/2006     6.000     AHD     AHD     0.00     2.10     1.10m     North       1006877     GW022321     Stack and     Functioning     01/041985     7.10     AHD     AHD     1.00     1.00     North       1002102     GW02280     Water Suppi     Unknow     1/02/1985     7.10     AHD     1.00     1.00     North       1002102     GW07280     Water Suppi     Unknow     1/02/1971     2.20     AHD     1.00     1.00     North       100011715     GW03205	10008319	GW052687	Water Supply	Unknown	01/03/1981	31.70		AHD				1053m	North
Incode 30     Incode 30 <t< td=""><td>10026281</td><td>GW901025</td><td>Water Supply</td><td>Unknown</td><td>02/04/1998</td><td>84.40</td><td></td><td>AHD</td><td></td><td>1.870</td><td>25.00</td><td>1070m</td><td>West</td></t<>	10026281	GW901025	Water Supply	Unknown	02/04/1998	84.40		AHD		1.870	25.00	1070m	West
10044837     GW968884     Water Supply     Functional     Sub1/2004     Sub1/2004     AHD     1     12.80     22.80     113m     Nerder       10044442     GW901100     Ingation     Unknown     01/07/196     0.00     AHD     I     I     I     IZ2m     North       10104200     GW069375     Water Supply     Functional     08/00/206     G0.00     AHD     I     0.00     2.14     North       10064830     GW069375     Water Supply     Functional     01/01/195     2.24.0     AHD     I     0.00     1.140m     North       10081830     GW063231     Sbernenic     Functional     0.108/1986     7.3.10     AHD     I     I     1.140m     North       10021075     GW05238     Water Supply     Unknow     0.108/1987     4.100     AHD     I <t< td=""><td>10140447</td><td>GW022483</td><td>Irrigation</td><td>Unknown</td><td>01/04/1965</td><td>11.00</td><td></td><td>AHD</td><td></td><td></td><td></td><td>1087m</td><td></td></t<>	10140447	GW022483	Irrigation	Unknown	01/04/1965	11.00		AHD				1087m	
10044442     64/901103     Irigation     Unknown     01/07/1973     22.7.40     AHD	10044837	GW968584	Water Supply	Functioning	30/01/2004	30.50		AHD		1.260	22.50	1119m	North
Node Nate Supp Functioning 00092006 60.00 AHD AHD 0.600 27.4 140m North   10064200 GW05080 Water Supp Unknown 01031980 24.40 AHD AHD Image 140m North North   1010887 GW02323 Stock and Domestic Functioning 01081985 73.10 AHD Image 1.500 Image 140m North   10031340 GW02323 Stock and GW02820 Unknown 10081987 41.00 AHD Image Image Stock and GW02820 Image Image AHD Image Image Stock and GW02820 Image Image GW02804 Image Image AHD Image Image Stock and GW02820 Image <	10044442	GW901109	Irrigation	Unknown	01/07/1995	9.00		AHD			6.00	1120m	
10064200 SW1050800 Water Supply Unknown 01/03/1980 24.4 AHD	10110204	GW035912	Irrigation	Unknown	01/10/1973	27.40		AHD				1127m	North
Interface     Parce in the second se	10046838	GW969375	Water Supply	Functioning	08/09/2006	60.00		AHD		0.600	27.40	1140m	North
Domesic     Domesic <t< td=""><td>10064200</td><td>GW050880</td><td>Water Supply</td><td>Unknown</td><td>01/03/1980</td><td>24.40</td><td></td><td>AHD</td><td></td><td></td><td></td><td>1140m</td><td></td></t<>	10064200	GW050880	Water Supply	Unknown	01/03/1980	24.40		AHD				1140m	
10031384     GW902477     Water Supply     Unknown     2903/1995     7.3.10     AHD     I.5.00     11500     Nether Neest       10021025     GW072860     Water Supply     Unknown     1108/1997     4.1.00     AHD     I.5.00     I.5.00     I.174m     North       10116880     GW062821     Water Supply     Unknown     010/06/1987     4.1.00     AHD     I.5.00     I.	10108857	GW023231		Functioning	01/08/1965	10.40		AHD				1148m	
10021025     GW072800     Water Supply     Unknown     11/88/194     36.60     AHD     AHD     Ice     Ice     1174m     North       10118800     GW06221     Water Supply     Unknown     01/06/1987     41.00     AHD     Ice     Ice     Ice     1187m     North       10042883     GW064349     Water Supply     Unknown     01/02/1981     12.00     AHD     Ice     Ice     1192m     South       10048871     GW960520     Water Supply     Unknown     01/02/198     25.50     AHD     Ice     Ice     12.00     North       10048873     GW084885     Water Supply     Unknown     01/02/197     22.60     AHD     Ice     Ice     1267m     North       10048873     GW084887     Water Supply     Unknown     01/02/197     22.60     AHD     Ice     Ice     1267m     North       1003133     GW064887     Water Supply     Unknown     01/02/198     56.00     AHD     Ice     Ice     1267m     North <tr< td=""><td>10031384</td><td>GW902477</td><td></td><td>Unknown</td><td>29/03/1995</td><td>73.10</td><td></td><td>AHD</td><td></td><td>1.500</td><td></td><td>1160m</td><td>North</td></tr<>	10031384	GW902477		Unknown	29/03/1995	73.10		AHD		1.500		1160m	North
10116880     GW062821     Water Supply     Unknown     01/06/1987     41.00     AHD     AHD     Image: Constraint of the state stat	10021025	GW072860	Water Supply	Unknown	11/08/1994	36.60		AHD				1174m	North
10047715GW00050Water SupplyUnknownIncheAndAn	10116880	GW062821	Water Supply	Unknown	01/06/1987	41.00		AHD				1187m	
Internal of the base of th	10002883	GW054349	Water Supply	Unknown	01/02/1981	12.00		AHD				1192m	South
10030703     GW968545     Water Supply     Functioning     26/10/2008     25.90     AHD     1.100     14.00     1227m     West       10048697     GW048485     Water Supply     Unknown     01/12/1977     22.60     AHD     Image: Supply     I	10047715	GW900520	Water Supply	Unknown		33.00		AHD			25.00	1195m	
Interface 1003793General FieldGeneral Field <t< td=""><td>10030703</td><td>GW968545</td><td>Water Supply</td><td>Functioning</td><td>26/10/2008</td><td>25.90</td><td></td><td>AHD</td><td></td><td>1.100</td><td>14.00</td><td>1227m</td><td></td></t<>	10030703	GW968545	Water Supply	Functioning	26/10/2008	25.90		AHD		1.100	14.00	1227m	
10103793   GW048887   Water Supply   Unknown   01/04/1978   50.00   AHD   AHD   Iou   1260m   North West     10061393   GW035551   Water Supply   Unknown   01/08/1973   42.60   AHD   Iou   Iou   1267m   North     10035645   GW9606073   Water Supply   Unknown   24/11/2003   Iou   AHD   Iou   Iou   1287m   North     10010211   GW05824   Water Supply   Unknown   01/07/1983   48.70   AHD   Iou   Iou   1303m   North     100304866   GW90636   Water Supply   Unknown   01/07/1983   28.20   AHD   Iou   Iou   1303m   North     10090357   GW061182   Water Supply   Functioning   27/09/2007   79.20   AHD   Iou   Iou   1310m   North     10031305   GW968478   Water Supply   Functioning   27/09/2007   79.20   AHD   Iou   Iou   1312m   North     10039725   GW968478   Water Supply   Functioning   27/09/2007   22.80   AHD <td>10048697</td> <td>GW048495</td> <td>Water Supply</td> <td>Unknown</td> <td>01/12/1977</td> <td>22.60</td> <td></td> <td>AHD</td> <td></td> <td></td> <td></td> <td>1235m</td> <td></td>	10048697	GW048495	Water Supply	Unknown	01/12/1977	22.60		AHD				1235m	
10061393GW035551Water SupplyUnknown01/08/197344.2.60AHDAHDIceIce1267mNorth10035645GW966073Water SupplyUnknown2/11/2003IceAHDAHDIceIce1293mNorth10010211GW058248Water SupplyUnknown01/07/1983A48.70AHDAHDIceIce1303mNorth10034866GW900636Water SupplyUnknown01/12/19507.50AHDAHD20.0005.001309mWest10090357GW061182Water SupplyUnknown01/08/198528.20AHDAHDIce0.1261310mNorth10031305GW968476Water SupplyFunctioning27/09/200779.20AHDAHD0.12624.401312mNorth10031305GW968476Water SupplyFunctioning27/09/200779.20AHDOther0.12624.401312mNorth10031305GW968476Water SupplyFunctioning27/09/200779.20AHDOther1.021.310mNorth10031305GW968476Water SupplyUnknown21/01/195522.80AHDOther1.021.324mSouth10067025GW050381Water SupplyUnknown30/04/193932.00AHDAHDIce1.01.337mNorth1007276GW902146Water SupplyUnknown30/04/193933.50AHDAHDIc	10103793	GW048887	Water Supply	Unknown	01/04/1978	50.00		AHD				1260m	North
International actional ac	10061393	GW035551	Water Supply	Unknown	01/08/1973	42.60		AHD				1267m	
10010211   GW058248   Water Supply   Unknown   01/07/1983   48.70   AHD   AHD   20.000   5.00   1303m   West     10034866   GW900636   Water Supply   Unknown   01/12/1950   7.50   AHD   20.000   5.00   1309m   West     10090357   GW061182   Water Supply   Unknown   01/08/1985   28.20   AHD   Image: Supply   1310m   North     10031305   GW968476   Water Supply   Functioning   09/09/2007   79.20   AHD   Image: Supply   1312m   North     10031305   GW968189   Water Supply   Functioning   09/09/2007   42.50   AHD   Image: Supply   1312m   North     10033180   GW901265   Water Supply   Unknown   21/01/1995   22.80   AHD   Image: Supply   Image: Supply   North     10067025   GW050891   Water Supply   Unknown   30/04/1993   32.00   AHD   Image: Supply   Image: Supply   North     10067025   GW050844   Water Supply   Unknown   30/04/1993   32.00   AHD <td< td=""><td>10035645</td><td>GW966073</td><td>Water Supply</td><td>Unknown</td><td>24/11/2003</td><td></td><td></td><td>AHD</td><td></td><td></td><td></td><td>1293m</td><td></td></td<>	10035645	GW966073	Water Supply	Unknown	24/11/2003			AHD				1293m	
10034866   GW900636   Water Supply   Unknown   01/12/1950   7.50   AHD   20.00   5.00   1309m   West     10090357   GW061182   Water Supply   Unknown   01/08/1985   28.20   AHD   AHD   0.0   1310m   North     10031305   GW968176   Water Supply   Functioning   27/09/2007   79.20   AHD   0.126   1312m   North     10039725   GW968189   Water Supply   Functioning   09/09/2007   42.50   AHD   Other   0.500   24.40   1312m   North     10038180   GW901265   Water Supply   Functioning   09/09/2007   42.50   AHD   Other   124   1312m   North     10038180   GW901265   Water Supply   Unknown   01/03/1980   28.70   AHD   Other   124   1317m   North     10127893   GW07074   Water Supply   Unknown   30/04/1993   32.00   AHD   I   0.600   19.50   1348m   North     10036051   GW03504   Water Supply   Unknown   01/06/1973 <t< td=""><td>10010211</td><td>GW058248</td><td>Water Supply</td><td>Unknown</td><td>01/07/1983</td><td>48.70</td><td></td><td>AHD</td><td></td><td></td><td></td><td>1303m</td><td>North</td></t<>	10010211	GW058248	Water Supply	Unknown	01/07/1983	48.70		AHD				1303m	North
IncreaseIncreas	10034866	GW900636	Water Supply	Unknown	01/12/1950	7.50		AHD		20.000	5.00	1309m	
Income 10039725GW968189Water SupplyFunctioning09/09/200744.50AHDAHD0.50024.401312mNorth West10038180GW901265Water SupplyUnknown21/01/199522.80AHDOtherII1324mSouth10067025GW050891Water SupplyUnknown21/01/199522.80AHDOtherII1324mSouth10067025GW050891Water SupplyUnknown01/03/198028.70AHDAHDIII1337mNorth West10127893GW070744Water SupplyUnknown30/04/199332.00AHDIIIIIVest10036051GW902184Water SupplyUnknown30/04/199333.50AHDIIIIIVest10108534GW035404Water SupplyUnknown21/06/197333.50AHDIIIIIIIIIVest10010335GW024536Stock and DomesticFunctioning01/01/196515.20AHDIII	10090357	GW061182	Water Supply	Unknown	01/08/1985	28.20		AHD				1310m	North
10039725   GW968189   Water Supply   Functioning   09/09/2007   42.50   AHD   Other   1.000   1.312m   North West     10038180   GW901265   Water Supply   Unknown   21/01/1995   22.80   AHD   Other   I.   1.324m   South     10067025   GW050891   Water Supply   Unknown   01/03/1980   28.70   AHD   Other   I.   1.337m   North West     10127893   GW070744   Water Supply   Unknown   30/04/1993   32.00   AHD   I.   1.00   1.341m   West     10036051   GW902184   Water Supply   Unknown   23/08/1989   38.10   AHD   I.   0.600   19.50   1348m   North West     10036051   GW902184   Water Supply   Unknown   23/08/1989   38.10   AHD   I.   0.600   19.50   1348m   North West     10036051   GW035404   Water Supply   Unknown   01/06/1973   33.50   AHD   I.   I.   1364m   North West     10010355   GW034680   Water Supply   Unknown <td>10031305</td> <td>GW968476</td> <td>Water Supply</td> <td>Functioning</td> <td>27/09/2007</td> <td>79.20</td> <td></td> <td>AHD</td> <td></td> <td>0.126</td> <td></td> <td>1312m</td> <td></td>	10031305	GW968476	Water Supply	Functioning	27/09/2007	79.20		AHD		0.126		1312m	
10038180GW901265Water SupplyUnknown21/01/199522.80AHDOtherII1324mSouth10067025GW050891Water SupplyUnknown01/03/198028.70AHDIIIINorth West10127893GW070744Water SupplyUnknown30/04/199332.00AHDIII1341mWest10036051GW902184Water SupplyUnknown23/08/198938.10AHDI0.60019.501348mNorth West10108534GW035404Water SupplyUnknown21/06/197333.50AHDII1364mNorth West10010335GW024536Stock and DomesticFunctioning01/07/197233.50AHDIII1383mNorth West10026100GW034680Water SupplyUnknown01/07/197233.50AHDIIINorth West1003611GW051371Water SupplyUnknown01/07/197233.50AHDIIINorth West10036460GW051371Water SupplyUnknown01/07/197233.50AHDIIINorth West10036411GW051371Water SupplyUnknown01/07/197233.50AHDIIINorth West10036411GW051371Water SupplyUnknown01/07/197233.50AHDIIIIII <t< td=""><td>10039725</td><td>GW968189</td><td>Water Supply</td><td>Functioning</td><td>09/09/2007</td><td>42.50</td><td></td><td>AHD</td><td></td><td>0.500</td><td>24.40</td><td>1312m</td><td>North</td></t<>	10039725	GW968189	Water Supply	Functioning	09/09/2007	42.50		AHD		0.500	24.40	1312m	North
Index     Index <th< td=""><td>10038180</td><td>GW901265</td><td>Water Supply</td><td>Unknown</td><td>21/01/1995</td><td>22.80</td><td></td><td>AHD</td><td>Other</td><td></td><td></td><td>1324m</td><td></td></th<>	10038180	GW901265	Water Supply	Unknown	21/01/1995	22.80		AHD	Other			1324m	
10127893GW070744Water SupplyUnknown30/04/199332.00AHDAHDImage: Constraint of the state	10067025	GW050891	Water Supply	Unknown	01/03/1980	28.70		AHD				1337m	
Index	10127893	GW070744	Water Supply	Unknown	30/04/1993	32.00		AHD				1341m	
10108534GW035404Water SupplyUnknown01/06/197333.50AHDAHDII1364mNorth West10010335GW024536Stock and DomesticFunctioning01/01/196515.20AHDAHD1.0001383mNorth10026100GW034680Water SupplyUnknown01/07/197233.50AHDGoodI1391mNorth West10099495GW047523IrrigationUnknown01/05/198022.60AHDIII1403mNorth West10015461GW051371Water SupplyUnknown01/03/198050.00AHDIIIIINorth West10032080GW902311Water SupplyUnknown31/12/199454.90AHDIIIIINorth West	10036051	GW902184	Water Supply	Unknown	23/08/1989	38.10		AHD		0.600	19.50	1348m	
10010335GW024536Stock and DomesticFunctioning01/01/196515.20AHDAHD1.0001383mNorth10026100GW034680Water SupplyUnknown01/07/197233.50AHDGood11391mNorth10099495GW047523IrrigationUnknown01/05/198022.60AHDAHDImage: State Stat	10108534	GW035404	Water Supply	Unknown	01/06/1973	33.50		AHD				1364m	North
10026100GW034680Water SupplyUnknown01/07/197233.50AHDGood1391mNorth West10099495GW047523IrrigationUnknown01/05/198022.60AHDImage: Comparison of the second s	10010335	GW024536		Functioning	01/01/1965	15.20		AHD		1.000		1383m	
10099495     GW047523     Irrigation     Unknown     01/05/1980     22.60     AHD     AHD     1403m     North West       10015461     GW051371     Water Supply     Unknown     01/03/1980     50.00     AHD     Image: Constant of the second	10026100	GW034680		Unknown	01/07/1972	33.50		AHD	Good			1391m	
10015461     GW051371     Water Supply     Unknown     01/03/1980     50.00     AHD     AHD     1416m     North West       10032080     GW902311     Water Supply     Unknown     31/12/1994     54.90     AHD     Image: Second	10099495	GW047523	Irrigation	Unknown	01/05/1980	22.60		AHD				1403m	North
10032080     GW902311     Water Supply     Unknown     31/12/1994     54.90     AHD     21.30     1419m     North West	10015461	GW051371	Water Supply	Unknown	01/03/1980	50.00		AHD				1416m	North
	10032080	GW902311	Water Supply	Unknown	31/12/1994	54.90		AHD			21.30	1419m	North
Domestic functional East	10136371	GW031205	Stock and			92.00		AHD				1425m	South

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation		Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10018058	GW048629	Water Supply	Unknown	01/09/1978	37.20		AHD				1428m	North
10035642	GW901126	Irrigation	Unknown	01/01/1950	7.50		AHD		12.000	5.00	1442m	West
10036361	GW902008	Water Supply	Unknown	07/11/1999	36.50		AHD		0.300	10.00	1457m	North West
10012842	GW048824	Water Supply	Unknown	01/09/1978	59.00		AHD				1473m	North
10020109	GW051534	Water Supply	Unknown	01/01/1980	34.70		AHD				1479m	North West
10025555	GW066926	Water Supply	Functioning	27/04/1989	24.30	388.00	AHD		1.260	16.40	1483m	North West
10017768	GW052372	Water Supply	Unknown	01/03/1981	65.20		AHD				1521m	North East
10035312	GW901149	Water Supply	Unknown	28/04/1998	83.80		AHD		2.520	38.10	1521m	North
10140046	GW051611	Water Supply	Unknown	01/01/1981	68.30		AHD				1524m	North
10112697	GW028958	Unknown	Unknown	01/10/1967	61.00		AHD				1525m	South East
10127185	GW051612	Water Supply	Unknown	01/04/1980	61.00		AHD				1530m	North
10026349	GW071618	Water Supply	Unknown	09/02/1994	99.00		AHD				1534m	North
10057877	GW052575	Water Supply	Unknown	01/05/1980	22.50		AHD				1534m	West
10034733	GW901125	Irrigation	Unknown	01/01/1996	9.00		AHD			6.00	1535m	West
10056560	GW056771	Water Supply	Unknown	01/11/1982	50.00		AHD				1568m	North West
10093570	GW056115	Water Supply	Unknown	01/02/1982	59.00		AHD				1568m	North
10031570	GW900331	Water Supply	Unknown	16/05/1996	66.80		AHD				1575m	North
10008144	GW005612	Water Supply	Unknown	01/10/1928	50.30		AHD				1578m	South East
10101598	GW050909	Water Supply	Unknown	01/03/1980	43.90		AHD				1585m	North West
10010328	GW049982	Water Supply	Unknown	01/05/1979	44.00		AHD				1620m	North
10107741	GW043620	Water Supply	Unknown	01/06/1973	27.40		AHD				1624m	North West
10034291	GW055743	Water Supply	Unknown	01/09/1981	64.00		AHD				1633m	North
10045278	GW967072	Water Supply	Unknown	07/04/2005	115.80		AHD		0.180	38.30	1641m	North
10116988	GW058845	Water Supply	Unknown	01/03/1983	83.50		AHD				1643m	North West
10131101	GW042669	Irrigation	Unknown	01/05/1976	61.00		AHD	Good			1649m	North
10144355	GW056700	Stock and Domestic	Unknown	01/06/1982	40.80		AHD				1654m	North
10115956	GW055449	Water Supply	Unknown	01/06/1981	25.60		AHD				1659m	North West
10093983	GW071518	Water Supply	Unknown	05/01/1994	106.80		AHD				1663m	North
10108541	GW043619	Water Supply	Unknown	01/11/1973	18.20		AHD				1671m	North West
10029436	GW034679	Water Supply	Non- functional		55.80		AHD	Good			1676m	North West
10104130	GW044306	Stock and Domestic	Unknown	01/04/1975	52.70		AHD	0-500 ppm			1683m	North West
10022736	GW044946	Water Supply	Unknown	01/04/1976	27.00		AHD	56			1687m	North East
10055046	GW043772	Water Supply	Unknown	01/04/1975	34.40		AHD				1689m	West
10045244	GW967278	Water Supply	Unknown	27/11/2005	34.50		AHD			22.00	1696m	North
10043458	GW063756	Water Supply	Unknown	01/07/1988	126.00		AHD				1697m	North
10149836	GW034795	Water Supply	Unknown	01/06/1972	28.10		AHD				1697m	North

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation		Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10038957	GW902571	Water Supply	Unknown	30/03/2000	41.10		AHD		1.500	19.50	1721m	North
10073660	GW043618	Water Supply	Unknown	01/11/1973	22.50		AHD				1723m	North West
10133796	GW065107	Water Supply	Unknown	22/08/1989	79.00		AHD				1730m	North
10041876	GW900920	Water Supply	Functioning	24/02/1992	51.80		AHD				1734m	North West
10132983	GW058712	Water Supply	Unknown	01/03/1983	65.50		AHD				1739m	North West
10131986	GW051622	Water Supply	Unknown	01/04/1980	25.60		AHD				1749m	West
10096144	GW044318	Water Supply	Unknown	01/07/1975	37.20		AHD	501-1000 ppm			1752m	North East
10008718	GW060793	Water Supply	Unknown	01/05/1985	97.50		AHD	ppin			1757m	North East
10129696	GW056859	Water Supply	Unknown	01/04/1982	83.50		AHD				1770m	East
10019399	GW058266	Water Supply	Unknown	01/03/1984	60.80		AHD	Potable			1777m	North
10133772	GW038983	Water Supply	Unknown	01/01/1974	36.50		AHD				1791m	North West
10077389	GW043617	Water Supply	Unknown	01/11/1973	27.40		AHD				1810m	North West
10028959	GW970724	Water Supply	Functioning	26/11/2012	36.60		AHD		0.030	9.70	1817m	South
10019829	GW058766	Water Supply	Abandoned	01/06/1982	84.10		AHD				1833m	North
10026297	GW062889	Stock and Domestic	Unknown	01/06/1987	76.20		AHD				1833m	North
10031173	GW902018	Water Supply	Unknown	24/05/1995	75.60		AHD				1841m	North West
10107903	GW038417	Water Supply	Unknown	01/09/1973	39.60		AHD	Good			1846m	North West
10081075	GW043616	Water Supply	Unknown	01/10/1973	27.40		AHD				1851m	North West
10026266	GW033831	Irrigation	Unknown		3.30		AHD				1888m	West
10145572	GW054004	Water Supply	Unknown	01/03/1980	34.70		AHD				1896m	North East
10135942	GW051113	Water Supply	Unknown	01/05/1980	31.70		AHD				1899m	North West
10116693	GW033727	Water Supply		01/06/1971	45.70		AHD				1903m	North
10002379	GW065125	Unknown	functional Unknown	01/08/1989	83.80		AHD				1910m	West North
10075628	GW043615	Water Supply	Unknown	01/10/1973	23.40		AHD				1912m	North
10021522	GW053386	Irrigation	Unknown	01/11/1981	84.10		AHD	1001-			1936m	West East
10140930	GW024482	Stock and	Unknown	01/07/1965	57.30		AHD	3000 ppm Stock			1941m	East
10103031	GW063794	Domestic Water Supply		01/02/1982	83.00		AHD				1944m	North
10094059	GW065050	Water Supply	functional Unknown	28/09/1989	33.50		AHD				1959m	North
10006186	GW903960	Stock and	Functioning	28/11/2018	103.00		AHD				1961m	South
10148593	GW057218	Domestic Water Supply	Unknown	01/10/1981	37.80		AHD				1962m	East North
10143160	GW013823	Irrigation	Unknown	01/06/1958	7.60		AHD				1969m	West West
10006548	GW037842	Irrigation	Unknown		8.20		AHD	Good			1971m	West
10106015	GW021859	Unknown	Functioning		48.80		AHD				1976m	North
10024714	GW057261	Water Supply	Functioning	01/11/1982	28.00		AHD		0.560	10.00	1980m	North
10044396	GW902134	Water Supply	Unknown	15/02/1995	79.20		AHD				1992m	West North

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation		Yield (L/s)	SWL (mbgl)	Distance	Direction
10029956	GW970947	Water Supply	Functioning	30/04/2014	48.76		AHD	0.800	14.46	1993m	North West
10055181	GW068726	Unknown	Unknown	10/09/1990	100.00		AHD			1995m	East

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

# Hydrogeology & Groundwater

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

# **Driller's Logs**

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

NGIS Bore ID	Drillers Log	Distance	Direction
10135411	0.00m-0.40m SOIL 0.40m-13.00m BROWN SHALE 13.00m-28.20m BLUE SHALE 28.20m-48.80m BLUE BASALT 48.80m-49.10m W.B.BLUE BASALT 49.10m-74.70m BLUE BASALT 74.70m-75.00m W.B. BLUE BASALT 75.00m-80.80m BLUE BASALT	169m	South
10041828	0.00m-1.60m BROWN TOPSOIL & CLAY 1.60m-32.00m BROWN SHALE 32.00m-58.50m BLUE SHALE	242m	South
10094106	0.00m-0.61m Soil 0.61m-2.13m Clay 2.13m-8.23m Shale Very Hard 8.23m-62.18m Basalt Very Hard Water Supply	274m	North West
10100610	0.00m-0.30m Soil Surface 0.30m-0.91m Shale 0.91m-28.04m Shale Water Supply	348m	South West
10015814	0.00m-0.60m Soil 0.60m-15.20m Clay Yellow 15.20m-17.90m Shale Yellow 17.90m-48.70m Shale Hard 48.70m-52.70m Shale Water Supply	498m	North West
10039334	0.00m-0.60m SOIL 0.60m-1.20m CLAY 1.20m-17.60m BROWN SHALE 17.60m-59.30m BASALT 59.30m-59.90m W.B. BASALT 59.90m-61.00m BASALT	555m	South West
10109483	0.00m-1.52m Topsoil Red Volcanic 1.52m-7.62m Conglomerate Clay 7.62m-8.84m Diorite Basalt 8.84m-21.34m Diorite Rock Water Supply 21.34m-22.86m Basalt Diorite 22.86m-31.39m Basalt Black	587m	North
10044285	0.00m-0.60m SOIL 0.60m-1.20m CLAY 1.20m-17.60m BROWN SHALE 17.60m-59.30m BASALT 59.30m-59.90m W.B. BASALT 59.90m-61.00m BASALT	591m	South West
10135747	0.00m-0.60m SURFACE SOIL 0.60m-2.10m YELLOW SHALE 2.10m-24.30m HARD BLUE SHALE 24.30m-24.60m W.B. SHALE 24.60m-54.70m BLUE SHALE 54.70m-55.00m W.B. SHALE 55.00m-61.00m BLUE BASALT	679m	South
10057454	0.00m-10.00m CLAY 10.00m-15.00m SOFT SHALE & CLAY 15.00m-33.00m BROWN SHALE 33.00m-46.00m BLUE SHALE	690m	North
10023029	0.00m-0.60m SURFACE SOIL 0.60m-2.10m YELLOW SHALE 2.10m-27.30m HARD BLUE SHALE 27.30m-27.60m W.B SHALE 27.60m-33.50m BLUE SHALE	693m	South West
10150808	0.00m-1.83m Topsoil 1.83m-3.96m Clay Red 3.96m-15.24m Clay Rock 15.24m-24.38m Diorite Green 24.38m-73.91m Rock Water Supply	693m	East

NGIS Bore ID	Drillers Log	Distance	Direction
10144641	0.00m-0.91m Topsoil Red 0.91m-3.65m Clay Stoney 3.65m-4.26m Boulders 4.26m-7.31m Basalt Hard 7.31m-22.86m Shale Basalt 22.86m-31.39m Dalerite 31.39m-42.67m Basalt Greywacke Interlayere Water Supply	702m	North East
10039141	0.00m-3.35m topsoil sand clay 3.35m-21.90m shale 21.90m-52.12m brown clay 52.12m-53.34m shale 53.34m-53.94m shale 53.94m-57.30m shale 57.30m-97.56m shale	708m	South
10035346	0.00m-0.60m Topsoil 0.60m-3.60m Clay 3.60m-17.30m Shale, brown 17.30m-39.50m Basalt 39.50m-39.80m Basalt, water bearing 39.80m-45.80m Basalt 45.80m-46.10m Basalt, water bearing 46.10m-48.80m Basalt	727m	North East
10043461	0.00m-0.60m Topsoil 0.60m-3.00m Clay 3.00m-13.70m Shale, brown 13.70m-22.20m Basalt 22.20m-23.20m Basalt, water bearing 23.20m-29.20m Basalt 29.20m-31.20m Basalt, water bearing 31.20m-48.80m Basalt	730m	North East
10015799	0.00m-5.49m Soil Surface 0.00m-5.49m Clay 5.49m-7.32m Shale Soft 7.32m-11.89m Shale Hard 11.89m-16.76m Basalt 16.76m-17.98m Shale 17.98m-18.90m Basalt Broken Water Supply 18.90m-22.25m Basalt Green 22.25m-23.77m Basalt Green 23.77m-24.08m Basalt Broken Water Supply 24.08m-24.99m Basalt Green 24.99m-25.30m Basalt Broken Water Supply 25.50m-27.43m Basalt Broken Water Supply 25.30m-27.43m Basalt Broken Water Supply 27.74m-28.65m Basalt Broken Water Supply	782m	North
10029197	0.00m-0.30m Topsoil 0.30m-3.60m Clay 3.60m-3.90m Gravel, claybound 3.90m-15.80m Shale, brown 15.80m-24.30m Basalt 24.30m-24.50m Basalt, water bearing 24.50m-36.50m Basalt 36.50m-36.80m Basalt, water bearing 36.80m-88.30m Basalt 88.30m-88.60m Basalt water bearing 88.60m-91.40m Basalt	871m	South
10010150	0.00m-0.91m Topsoil Red 0.91m-8.22m Clay 8.22m-22.25m Basalt Hard Water Supply 8.22m-22.25m Dolerite 22.25m-26.21m Basalt Green 26.21m-26.51m Basalt Weathered Water Supply 26.51m-29.26m Basalt Green 29.26m-29.87m Basalt Weathered Water Supply 29.87m-31.08m Basalt Green	905m	North
10073046	0.00m-0.60m Soil 0.60m-3.04m Clay 3.04m-11.27m Sandstone 11.27m-13.41m Shale 13.41m-14.02m Silica 14.02m-18.28m Shale 18.28m-22.55m Basalt Black 22.55m-29.26m Silica 29.26m-33.52m Basalt Black Water Supply	935m	North West
10126497	0.00m-6.71m Soil Sandy 6.71m-8.84m Rock White Quartzite 8.84m-38.40m Shale Water Supply 38.40m-40.23m Slate Water Supply 40.23m-42.67m Basalt Black Very Hard	936m	North West

NGIS Bore ID	Drillers Log	Distance	Direction
10008564	0.00m-0.60m Subsoil Black 0.60m-0.90m Clay 0.90m-18.50m Shale 18.50m-24.90m Shale 24.90m-49.60m Basalt Water Supply	983m	North West
10139086	0.00m-0.91m Soil Surface 0.91m-8.53m Basalt Weathered 8.53m-13.72m Basalt Green 13.72m-28.04m Slate 28.04m-35.97m Basalt Green 35.97m-42.06m Basalt Green Fractured 42.06m-48.16m Basalt Green Fractured Water Supply 48.16m-48.77m Basalt Weathered Water Supply 48.77m-49.07m Basalt Green	988m	North West
10145942	0.00m-5.18m Soil 5.18m-10.67m Basalt 10.67m-20.73m Basalt Grey 20.73m-21.95m Basalt Broken Water Supply 21.95m-24.38m Basalt Grey 24.38m-27.43m Basalt Broken Water Supply 27.43m-28.65m Basalt Grey	1002m	North West
10027731	0.00m-0.61m Topsoil 0.61m-5.49m Basalt Weathered 5.49m-19.81m Basalt Green 19.81m-27.74m Slate 27.74m-45.11m Basalt Green Water Supply 45.11m-48.16m Basalt Fractured Water Supply 48.16m-49.99m Basalt Green	1041m	North West
10008319	0.00m-1.22m Soil 1.22m-7.62m Shale 7.62m-10.67m Basalt 10.67m-24.38m Basalt Grey Brown Bands 24.38m-25.30m Basalt Large Fractured Water Supply 25.30m-28.65m Basalt Grey Small Fractured Water Supply 28.65m-31.70m Basalt	1053m	North
10026281	0.00m-0.60m soil 0.60m-4.90m red clay 4.90m-18.60m brown shale 18.60m-82.30m blue basalt 82.30m-82.90m w.b. basalt 82.90m-84.40m basalt	1070m	West
10140447	0.00m-3.05m Soil Alluvial 3.05m-10.97m Gravel Sand Water Supply	1087m	South West
10044837	0.00m-1.80m Topsoil 1.80m-28.00m Shale, brown 28.00m-28.60m Basalt, water bearing 28.60m-30.50m Basalt	1119m	North West
10110204	0.00m-0.60m Soil 0.60m-2.43m Clay 2.43m-16.15m Shale 16.15m-22.86m Shale Grey Water Supply 22.86m-27.43m Siliceous	1127m	North
10046838	0.00m-0.60m Topsoil, brown 0.60m-4.00m Shale, brown 4.00m-60.00m Shale, blue, fractured	1140m	North
10064200	0.00m-0.61m Soil Surface 0.61m-1.22m Shale 1.22m-20.73m Basalt Green 20.73m-21.95m Basalt Weathered Water Supply 21.95m-23.16m Basalt Green 23.16m-23.47m Basalt Weathered Water Supply 23.47m-24.38m Basalt Green	1140m	North West
10108857	0.00m-4.88m Soil 4.88m-10.36m Gravel Sandy Water Bearing Muddy	1148m	South West
10031384	0.00m-0.30m Soil 0.30m-57.90m Basalt 57.90m-58.20m w.b. Basalt 58.20m-70.10m Basalt 70.10m-70.40m w.b. Basalt 70.40m-73.10m Basalt	1160m	North West
10021025	0.00m-0.60m SOIL 0.60m-7.90m BROWN CLAY 7.90m-34.40m BR9OWN SHALE 34.40m-34.70m W.B. SHALE 34.70m-35.00m BROWN SHALE 35.00m-36.60m BLUE BASALT	1174m	North West

NGIS Bore ID	Drillers Log	Distance	Direction
10116880	0.00m-1.00m Soil Red Surface 1.00m-4.00m Shale Soft 4.00m-10.00m Shale Grey 10.00m-21.00m Shale 21.00m-37.00m Basalt Black Water Supply 37.00m-41.00m Basalt Grey	1187m	North
10002883	0.00m-0.40m Topsoil 0.40m-6.00m Clay Sandy 6.00m-8.50m Clay Some Gravel 8.50m-8.90m Gravel Clay 8.90m-12.00m Shale Water Supply	1192m	South
10030703	0.00m-1.50m Soil, black 1.50m-3.20m Clay, red & Gravel 3.20m-4.00m Rock & Clay, yellow 4.00m-18.60m Shale, blue 18.60m-19.50m Shale, blue & water bearing 19.50m-23.70m Shale, brown & green 23.70m-25.30m Shale, brown & green, water bearing 25.30m-25.90m Shale & Sand	1227m	West
10103793	0.00m-0.60m Topsoil 0.60m-50.00m Basalt Water Supply	1260m	North West
10061393	0.00m-0.60m Soil 0.60m-4.87m Shale Sandstone 4.87m-14.32m Shale 14.32m-17.06m Shale Grey 17.06m-22.25m Shale 22.25m-23.46m Shale 23.46m-42.67m Silica Water Supply	1267m	North
10010211	0.00m-1.20m Soil 1.20m-12.20m Clay Ridge 12.20m-15.20m Shale Yellow Soft 15.20m-45.60m Shale Hard Water Supply 45.60m-48.70m Shale	1303m	North West
10090357	0.00m-0.20m Topsoil 0.20m-10.50m Shale 10.50m-24.00m Limestone 24.00m-28.20m Rock Sedimentary Water Supply	1310m	North
10031305	0.00m-0.60m Topsoil 0.60m-1.80m Clay 1.80m-11.20m Shale, brown 11.20m-38.00m Basalt 38.00m-38.30m Basalt, water bearing 38.30m-79.20m Basalt	1312m	North West
10039725	0.00m-0.30m Soil 0.30m-9.00m Clay 9.00m-10.00m Clay & Rock 10.00m-10.60m Rock 10.60m-40.00m Rock, water bearing 40.00m-42.50m Rock	1312m	North West
10038180	0.00m-0.15m SOIL 0.15m-5.40m CLAY 5.40m-10.60m SHALE(BROWN) 10.60m-15.50m SHALE 15.50m-22.80m SHALE (BLUE AND WATER)	1324m	South
10067025	0.00m-1.52m Soil Surface 1.52m-20.73m Slate 20.73m-21.03m Slate Broken Water Supply 21.03m-21.95m Slate 21.95m-22.56m Slate Broken Water Supply 22.56m-25.91m Slate Orange 25.91m-26.52m Slate Broken Water Supply 26.52m-28.65m Slate Black	1337m	North West
10127893	0.00m-0.60m SOIL 0.60m-2.40m RED CLAY 2.40m-7.90m BROWN SHALE 7.90m-24.30m BLUE BASALT 24.30m-24.60m W.B. BLUE BASALT 24.60m-27.30m BLUE BASALT 27.30m-27.60m W.B. BLUE BASALT 27.60m-32.00m BLUE BASALT	1341m	West
10036051	0.00m-0.60m soil 0.60m-29.00m Sandy Clay 29.00m-33.50m Shale 33.50m-34.40m Water bearing Shale 34.40m-37.10m Shale 37.10m-38.10m Blue rock	1348m	North West

NGIS Bore ID	Drillers Log	Distance	Direction
10108534	0.00m-0.60m Soil 0.60m-4.87m Clay 4.87m-6.70m Clay Yellow 6.70m-19.50m Shale Yellow 19.50m-20.72m Shale 20.72m-21.94m Shale Grey 21.94m-23.16m Shale 23.16m-29.26m Shale Grey Water Supply 29.26m-33.52m Shale	1364m	North West
10026100	0.00m-4.27m Soil 4.27m-12.19m Shale 12.19m-19.81m Shale 19.81m-21.34m Shale Water Supply 21.34m-24.99m Shale 24.99m-31.39m Slate Water Supply 31.39m-33.53m Shale	1391m	North West
10099495	0.00m-1.22m Soil 1.22m-14.63m Shale 1.22m-14.63m Slate Seams 14.63m-15.24m Shale Broken Water Supply 15.24m-17.68m Basalt Green 17.68m-19.51m Basalt Weathered Fractured Water Supply 19.51m-20.73m Basalt Green 20.73m-21.34m Basalt Weathered Fractured Water Supply 21.34m-22.56m Basalt Green	1403m	North West
10015461	0.00m-1.83m Topsoil 1.83m-26.21m Basalt Grey 26.21m-46.33m Basalt Green 46.33m-48.77m Slate Water Supply 46.33m-48.77m Basalt Small Fractured Seams 48.77m-49.99m Basalt Green	1416m	North West
10032080	0.00m-0.60m Soil 0.60m-3.00m Ridge Clay 3.00m-15.20m Shale brown 15.20m-47.20m Basalt 47.20m-47.50m Basalt w.b 47.50m-54.90m Basalt	1419m	North West
10136371	0.00m-15.24m Driller 15.24m-48.77m Limestone 48.77m-62.18m Granite 62.18m-64.01m Limestone Water Bearing 64.01m-92.05m Granite	1425m	South East
10018058	0.00m-2.13m Soil Red Surface 2.13m-6.10m Basalt Broken Very Hard 6.10m-10.97m Basalt Green Very Hard 10.97m-11.28m Basalt Very Broken 11.28m-16.46m Basalt Green Very Hard 16.46m-17.07m Basalt Broken Water Supply 17.07m-18.59m Basalt Green Very Hard 18.59m-18.90m Basalt Broken Water Supply 18.90m-19.81m Shale Very Hard 19.81m-31.70m Basalt Green Very Hard 31.70m-32.31m Basalt Very Hard Water Supply 32.31m-35.97m Basalt Very Hard Water Supply 35.97m-36.58m Basalt Very Hard	1428m	North
10036361	0.00m-4.50m Soil and clay 4.50m-9.00m Sand 9.00m-20.00m Shale 20.00m-26.00m Shale and water 26.00m-30.50m Shale 30.50m-32.00m Shale and water 32.00m-36.50m Shale	1457m	North West
10012842	0.00m-0.70m Topsoil 0.70m-5.50m Clay 5.50m-59.00m Basalt Water Supply	1473m	North
10020109	0.00m-1.52m Topsoil 1.52m-15.24m Shale 15.24m-34.75m Basalt Green Water Supply	1479m	North West

NGIS Bore ID	Drillers Log	Distance	Direction
10017768	0.00m-0.30m Soil 0.30m-1.22m Clay Stones 1.22m-21.34m Basalt 21.34m-24.99m Basalt 24.99m-27.74m Basalt Some Shale Bands 45.11m-46.94m Basalt Some Fractured Small 46.94m-51.82m Basalt Green Some Fractured Small 51.82m-52.73m Basalt Green Some Fractured Small 52.773m-59.44m Basalt Green 59.44m-60.35m Shale Grey Water Supply 60.35m-60.96m Basalt 60.96m-65.23m Basalt Green Some Fractured Small	1521m	North East
10035312	0.00m-1.20m soil 1.20m-3.00m yellow clay 3.00m-30.40m brown shale 30.40m-81.60m blue basalt 81.60m-82.20m water bearing basalt 82.20m-83.80m blue basalt	1521m	North
10140046	0.00m-0.30m Soil Surface 0.30m-1.22m Clay Red 1.22m-2.44m Basalt 2.44m-25.60m Basalt 25.60m-26.21m Basalt Fractured 26.21m-43.28m Basalt Green 26.21m-43.28m Shale Seams 43.28m-43.59m Basalt Fractured Water Supply 43.59m-65.23m Basalt Green 65.23m-68.28m Basalt Green Fractured Water Supply	1524m	North
10112697	0.00m-3.35m Soil Rock 3.35m-60.96m Rock Solid Water Supply	1525m	South East
10127185	0.00m-1.52m Soil Surface 1.52m-2.44m Shale 2.44m-20.12m Basalt Grey 20.12m-20.42m Basalt Weathered Water Supply 20.42m-21.95m Basalt Grey Water Bearing 21.95m-22.25m Basalt Weathered 22.25m-25.60m Basalt Grey 25.60m-25.91m Basalt Weathered Water Supply 25.91m-27.43m Basalt Green 27.43m-27.74m Basalt Weathered Water Supply 27.74m-35.05m Basalt Green Fractured Water Supply 49.68m-60.05m Basalt Green Fractured Water Supply 49.68m-60.05m Basalt Green Fractured Water Supply 60.35m-60.96m Basalt Green Fractured Water Supply 60.35m-60.96m Basalt Green Fractured Water Supply	1530m	North
10026349	0.00m-0.30m SOIL 0.30m-5.50m BROWN SHALE 5.50m-17.70m BLUE BASALT 17.70m-76.20m BLUE BASALT 76.20m-76.50m W.B. BASALT 76.50m-78.60m BASALT 78.60m-96.00m LIMESTONE 96.00m-96.30m W.B. LIMESTONE 96.30m-99.00m LIMESTONE	1534m	North
10057877	0.00m-1.80m Topsoil 1.80m-22.50m Basalt Water Supply	1534m	West
10056560	0.00m-1.00m Soil Red 1.00m-5.00m Clay Red 5.00m-6.00m Clay Grey 6.00m-28.00m Shale Water Supply 28.00m-30.00m Shale Grey Water Supply 30.00m-50.00m Shale Water Supply	1568m	North West
10093570	0.00m-0.60m Soil Red Surface 0.60m-4.00m Shale Grey 4.00m-24.00m Shale 24.00m-55.00m Basalt 50.00m-55.00m Shale Black Water Supply 55.00m-59.00m Basalt	1568m	North
10031570	0.00m-0.30m TOP SOIL 0.30m-10.10m RED CLAY 10.10m-34.80m BROWN SHALE 34.80m-66.80m BLUE SHALE	1575m	North

NGIS Bore ID	Drillers Log	Distance	Direction
10008144	0.00m-5.06m Sandstone Soft Clay 5.06m-6.28m Boulders Clay 6.28m-8.11m Sandstone 6.28m-8.11m Rock Grey Interlayere 8.11m-9.33m Rock Grey 9.33m-11.16m Rock Grey 9.33m-11.16m Rock Grey 11.16m-13.90m Rock Grey Sandstone 13.90m-25.85m Rock Light Grey 25.85m-32.55m Rock Light Grey Hard 32.55m-50.29m Rock Grey Hard Water Supply	1578m	South East
10101598	0.00m-1.07m Soil Surface 1.07m-4.88m Basalt Weathered 4.88m-20.12m Basalt Grey 20.12m-20.42m Basalt Weathered 20.42m-26.21m Basalt Grey 26.21m-26.37m Green Fractured 26.37m-37.19m Basalt Green 37.19m-37.49m Basalt Green Fractured Water Supply 37.49m-40.84m Basalt Green 40.84m-41.45m Quartzite Water Supply 41.45m-43.89m Basalt Green Some Small Slate Seams Quartzite	1585m	North West
10010328	0.00m-1.20m Soil Surface 1.20m-3.00m Shale 3.00m-13.40m Shale Grey 13.40m-14.00m Shale Broken 14.00m-17.70m Shale Grey 17.70m-18.00m Shale 18.00m-23.80m Shale Grey 23.80m-25.00m Shale Very Hard 25.00m-25.60m Basalt Weathered Water Supply 25.60m-28.70m Basalt Green 28.70m-29.30m Basalt Water Bearing 29.30m-33.50m Basalt Weathered Water Supply 34.80m-40.00m Basalt Green 40.00m-40.50m Basalt Green Water Bearing 40.50m-44.00m Basalt Green Water Bearing	1620m	North
10107741	0.00m-0.61m Topsoil Red 0.61m-4.27m Clay Red 4.27m-11.28m Rock Shale 11.28m-24.38m Basalt Water Supply Rock Diorite 24.38m-27.13m Basalt Black Water Supply 27.13m-27.43m Diorite	1624m	North West
10034291	0.00m-0.60m Topsoil 0.60m-1.80m Shale Yellow 1.80m-62.40m Shale 62.40m-63.00m Shale Water Supply 63.00m-64.00m Shale	1633m	North
10045278	0.00m-0.50m topsoil 0.50m-16.00m shale/brown 16.00m-76.00m limestone/sedimentary 76.00m-106.00m basalt/blue 106.00m-106.50m water bearing 106.50m-115.80m limestone/sedimentary	1641m	North
10116988	0.00m-0.50m Topsoil 0.50m-2.00m Clay Red 2.00m-47.00m Basalt Water Bearing 47.00m-69.00m Shale 69.00m-83.50m Basalt Grey	1643m	North West
10131101	0.00m-1.00m Topsoil 1.00m-3.00m Clay 3.00m-8.00m Boulders Clay 8.00m-38.00m Rock Limestone 38.00m-50.00m Slate Hard Basalt 50.00m-61.00m Rock Black Basalt Water Supply	1649m	North
10144355	0.00m-0.50m Topsoil Red 0.50m-2.00m Clay Red 2.00m-3.00m Clay Yellow 3.00m-22.00m Shale 22.00m-28.00m Shale Grey 28.00m-30.00m Shale Black Water Supply 30.00m-40.80m Basalt Black Water Supply	1654m	North
10115956	0.00m-0.91m Soil 0.91m-16.46m Shale Brown Bands Water Supply 16.46m-22.86m Shale Fractured Water Supply 16.46m-22.86m Basalt Seams 22.86m-25.60m Basalt	1659m	North West

NGIS Bore ID	Drillers Log	Distance	Direction
10093983	0.00m-0.60m Clay 0.60m-13.80m Shale brown 13.80m-18.30m Basalt decomposed 18.30m-25.20m Basalt Layer 25.20m-45.60m Shale dark grey 45.60m-65.10m Shale light grey 65.10m-85.50m Basalt 85.50m-93.60m Basalt decomposed 93.60m-106.80m Basalt	1663m	North
10108541	0.00m-0.91m Topsoil Red 0.91m-3.66m Clay 3.66m-13.72m Limestone 13.72m-18.29m Basalt Or Water Supply Rock Diorite	1671m	North West
10029436	0.00m-3.35m Soil 3.35m-12.80m Shale 12.80m-20.73m Slate 20.73m-22.56m Slate Broken Water Supply 22.56m-30.78m Shale 30.78m-32.00m Slate Water Supply 32.00m-33.53m Shale 33.53m-55.78m Slate	1676m	North West
10104130	0.00m-0.30m Soil 0.30m-12.50m Shale Broken 12.50m-38.10m Slate 38.10m-38.40m Slate Broken 38.40m-45.11m Slate 45.11m-45.26m Slate Broken 45.26m-52.73m Slate Some Hard Bands	1683m	North West
10022736	0.00m-1.00m Topsoil Red 1.00m-3.00m Clay 3.00m-15.00m Shale Clay 15.00m-27.00m Rock Black Basalt Water Supply	1687m	North East
10055046	0.00m-0.46m Soil 0.46m-2.13m Clay Red 2.13m-7.01m Slate Grey 7.01m-34.44m Silica Water Supply	1689m	West
10045244	0.00m-0.30m topsoil 0.30m-4.80m shale 4.80m-30.40m basalt 30.40m-31.00m water bearing basalt 31.00m-34.50m basalt	1696m	North
10043458	0.00m-0.90m Soil 0.90m-3.00m Shale 3.00m-28.00m Shale 3.00m-28.00m Clay Seams 28.00m-39.60m Basalt Fractured Water Supply 39.60m-126.00m Basalt Fractured	1697m	North
10149836	0.00m-0.91m Soil 0.91m-5.79m Shale Soft 5.79m-11.58m Shale Hard 11.58m-14.93m Slate Grey 14.93m-19.20m Slate 19.20m-21.03m Shale Hard Water Supply 21.03m-26.82m Shale Hard 26.82m-28.04m Slate Grey Water Supply 28.04m-28.19m Basalt Black	1697m	North
10038957	0.00m-0.60m TOPSOIL 0.60m-6.10m brown shale 6.10m-36.60m basalt 36.60m-36.90m water bearing basalt 36.90m-39.60m basalt 39.60m-39.90m water bearing basalt 39.90m-41.10m basalt	1721m	North
10073660	0.00m-0.91m Topsoil Red 0.91m-2.44m Clay 2.44m-6.10m Clay Stoney Limestone 6.10m-15.24m Rock Diorite 15.24m-22.56m Basalt Water Supply	1723m	North West
10041876	0.00m-1.00m surface soil 1.00m-7.00m brown clay 7.00m-8.80m ridge clay and gravel 8.80m-19.10m brown shale 19.10m-19.40m water bearing brown shale 19.40m-20.40m blue basalt 20.40m-22.20m brown shale 22.20m-30.70m blue basalt 30.70m-47.10m limestone 47.10m-47.40m water bearing limestone 47.40m-51.80m limestone	1734m	North West

NGIS Bore ID	Drillers Log	Distance	Direction
10132983	0.00m-0.60m Topsoil 0.60m-8.20m Clay Ridge 8.20m-12.20m Shale Yellow 12.20m-63.10m Shale Hard 63.10m-63.40m Shale Water Supply 63.40m-65.50m Shale	1739m	North West
10131986	0.00m-0.61m Topsoil 0.61m-1.52m Shale 1.52m-19.51m Slate 19.51m-20.73m Slate Broken Water Supply 20.73m-22.56m Slate 22.56m-22.86m Slate Broken Water Supply 22.86m-25.60m Slate Dark Grey	1749m	West
10096144	0.00m-1.83m Soil 1.83m-5.18m Clay Red 5.18m-15.85m Shale Grey 15.85m-24.99m Basalt 24.99m-37.19m Silica Water Supply	1752m	North East
10008718	0.00m-0.60m Soil 0.60m-21.30m Clay Ridge 21.30m-33.50m Shale Hard 33.50m-97.50m Shale Water Supply	1757m	North East
10129696	0.00m-1.00m Topsoil Red 1.00m-4.00m Clay Red 4.00m-17.00m Clay Yellow 17.00m-23.00m Shale 23.00m-77.00m Shale Water Supply 77.00m-83.50m Basalt	1770m	East
10019399	0.00m-1.30m Topsoil 1.30m-4.80m Clay Sandy 4.80m-28.90m Traprock 28.90m-44.10m Shale Grey Water Bearing 44.10m-49.00m Basalt 49.00m-49.90m Gravel Water Bearing 49.90m-60.80m Shale	1777m	North
10133772	0.00m-0.45m Soil 0.45m-2.13m Gravel Dry Clay 2.13m-2.74m Stones Large 2.74m-3.65m Sand Conglomeratic 3.65m-5.18m Slate 5.18m-5.79m Basalt Seams 5.79m-11.58m Slate Grey 11.58m-13.71m Slate Broken Water Supply 13.71m-20.42m Slate Dark Grey 20.42m-21.33m Slate Broken Water Supply 21.33m-24.07m Slate Grey 24.07m-25.90m Slate Broken Water Supply 25.90m-30.48m Slate Dark Grey Water Supply 30.48m-36.57m Basalt Very Hard	1791m	North West
10077389	0.00m-0.91m Topsoil Red 0.91m-12.19m Clay 12.19m-25.30m Clay Stoney 25.30m-27.13m Rock Shale Water Supply 27.13m-27.43m Basalt	1810m	North West
10028959	0.00m-0.30m Topsoil 0.30m-2.70m Clay 2.70m-19.70m Shale; brown, seepage 19.70m-28.80m Shale; brown 28.80m-29.40m Shale; brown, water bearing 29.40m-36.60m Basalt	1817m	South
10019829	0.00m-0.30m Topsoil Red 0.30m-3.00m Clay Red 3.00m-10.00m Shale 10.00m-33.00m Shale Grey 33.00m-35.00m Shale 35.00m-78.00m Basalt 78.00m-81.00m Mudstone Water Supply 81.00m-83.50m Basalt 83.50m-84.10m Driller	1833m	North
10026297	0.00m-4.57m Topsoil Clay 4.57m-12.19m Shale Grey Soak 12.19m-45.11m Shale Black 45.11m-76.20m Shale Grey Black Seams Water Supply	1833m	North

NGIS Bore ID	Drillers Log	Distance	Direction
10031173	0.00m-0.30m Topsoil 0.30m-4.50m Red Clay 4.50m-7.60m Brown Shale 7.60m-27.40m Blue Shale 27.40m-28.00m Broken Rock 28.00m-62.10m Blue Shale 62.10m-68.20m Broken Rock 68.20m-75.60m Broken Rock	1841m	North West
10107903	0.00m-0.30m Topsoil 0.30m-10.36m Slate Broken 10.36m-39.62m Slate Water Supply	1846m	North West
10081075	0.00m-0.61m Topsoil Red 0.61m-3.96m Clay 3.96m-22.86m Clay Stoney 22.86m-26.82m Shale Water Supply 26.82m-27.43m Basalt	1851m	North West
10145572	0.00m-0.61m Soil 0.61m-5.49m Clay Hard 5.49m-20.12m Shale Slate Bands 20.12m-28.65m Basalt 28.65m-29.87m Basalt Fractured Water Supply 29.87m-34.75m Basalt Black	1896m	North East
10135942	0.00m-2.74m Soil Surface 0.00m-2.74m Clay 2.74m-14.63m Boulders 14.63m-15.85m Gravel Water Supply 15.85m-28.65m Clay Gravel Water Supply 28.65m-29.26m Slate 29.26m-31.70m Slate Broken Water Supply	1899m	North West
10116693	0.00m-1.21m Soil Hard 1.21m-6.09m Shale Light Brown 6.09m-9.14m Shale Dark Brown 9.14m-19.50m Slate Green 19.50m-27.43m Shale Dark Brown Water Supply 27.43m-33.52m Shale Water Supply 33.52m-44.50m Slate 44.50m-45.11m Slate Broken Water Supply 45.11m-45.72m Basalt	1903m	North West
10075628	0.00m-0.91m Topsoil 0.91m-6.10m Clay 6.10m-18.29m Clay Stoney 18.29m-23.16m Rock Shale Water Supply 23.16m-23.47m Basalt	1912m	North West
10021522	0.00m-2.44m Clay 2.44m-26.82m Shale 26.82m-31.70m Silt Fine 31.70m-39.62m Shale 39.62m-84.12m Basalt Black Water Supply	1936m	East
10140930	0.00m-9.14m Soil Red Clay 9.14m-28.96m Shale Loose 28.96m-32.00m Shale 32.00m-42.67m Shale Hard Dark 42.67m-56.39m Basalt Water Supply 56.39m-57.30m Limestone	1941m	East
10103031	0.00m-0.30m Soil Red Surface 0.30m-2.00m Clay Red 2.00m-15.00m Shale 15.00m-16.00m Gravel Ridge 16.00m-26.00m Shale Water Bearing 26.00m-38.00m Basalt 38.00m-42.00m Shale Water Supply 42.00m-52.00m Basalt Black 73.00m-74.00m Basalt Very Fractured Water Supply 74.00m-83.00m Basalt Black	1944m	North
10148593	0.00m-1.00m Topsoil 1.00m-12.00m Shale 12.00m-37.80m Basalt Fractured Water Supply	1962m	North West
10143160	0.00m-7.62m Alluvium Water Supply	1969m	West
10024714	0.00m-1.00m Topsoil Red 1.00m-9.00m Clay Red 9.00m-14.00m Shale 14.00m-28.00m Gravel Clay	1980m	North West

NGIS Bore ID	Drillers Log	Distance	Direction
10044396	0.00m-0.30m topsoil 0.30m-0.90m red clay 0.90m-15.50m shale 15.50m-66.40m basalt 66.40m-66.70m water bearing basalt 66.70m-75.50m basalt 75.50m-75.80m water bearing basalt 75.80m-78.50m basalt 78.50m-79.20m limestone	1992m	North
10029956	0.00m-0.30m Topsoil; brown 0.30m-19.00m Gravel; claybound, brown 19.00m-24.30m Clay; brown 24.30m-48.76m Shale; blue	1993m	North West
10055181	0.00m-1.00m RED SOIL 1.00m-3.00m BROWN CLAY 3.00m-27.00m GREY SHALE 27.00m-67.00m BROKEN BASALT 67.00m-90.00m GREY BASALT 90.00m-99.00m SOFT BASALT 99.00m-100.00m GREY BASALT	1995m	East

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

Geology 778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340



# Geology

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

### **Geological Units**

What are the Geological Units within the dataset buffer?

Unit Code	Unit Name	Description	Unit Stratigraphy	Age	Dominant Lithology	Distance
N_r	Residual deposits	A weakly consolidated regolithic residuum such as soil or saprolite mostly developed in situ as a result of advanced weathering and/or pedogenesis.	\Residual deposits\\\\	Upper Pleistocene (base) to Now (top)	Saprolite	Om
Cpab	Baldwin Formation	Argillite, fine- and coarse- grained greywacke.	\Parry Group\\Baldwin Formation\\	Late Devonian (base) to Late Devonian (top)	Sandstone	0m
N_a	Alluvium	Unconsolidated alluvial clay, silt, sand, and gravel deposits.	\Alluvium\\\\	Cenozoic (base) to Now (top)	Clastic sediment	913m

### **Linear Geological Structures**

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

Map ID	Feature Description	Map Sheet Name	Distance
No Features			

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

Map ID	Boundary Type	Description	Map Sheet Name	Distance
No Features				

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

# **Naturally Occurring Asbestos Potential**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

# **Naturally Occurring Asbestos Potential**

Naturally Occurring Asbestos Potential within the dataset buffer:

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

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

### Atlas of Australian Soils



# Soils

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

### **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
Ob14	Dermosol	Almost flat to strongly undulating terrain with long gentle slopes sometimes broken by ridges: chief soils are hard alkaline red soils (Dr2.23). Associated are relatively small occurrences of many soils, including: dark cracking clays, such as (Ug5. 13 and Ug5 . 15), usually on slopes and in valleys; (Dr2.22) and shallow loams such as (Um4.1), usually on ridges; (Dy2.43) and (Dy3.43) soils, usually in flat areas and valleys. As mapped, small areas of units Gb12, Qb19, and Ra4 are included. Erosion has exposed subsoils in many places.	Om	On-site
Gb12	Dermosol	River flood-plains, terraces, and levees: chief soils are probably dark porous loamy soils (Um6.11 and Um6.12) with other (Um) and (Uc) soils. Associated are, locally, fairly large areas of dark cracking clays such as (Ug5.16); areas of (Dy3.4) soils; and sometimes areas of gravelly (Gn2) soils. Soils data are limited.	0m	On-site

Atlas of Australian Soils Data Source: CSIRO

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# Soil Landscapes of Central and Eastern NSW



# Soils

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

# Soil Landscapes of Central and Eastern NSW

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

Soil Code	Name	Distance	Direction
<u>9035fh</u>	Fullwoods Hill	0m	On-site
<u>9035fo</u>	The Forest	0m	On-site
<u>9035pl</u>	Parnell	0m	On-site
<u>9035oc</u>	Orchard Creek	50m	South
<u>9035pe</u>	Peel	858m	South West

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

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# **Acid Sulfate Soils**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

### **Environmental Planning Instrument - Acid Sulfate Soils**

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

Soil Class	Description	EPI Name
N/A		

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

Soil Class	Description	EPI Name	Distance	Direction
N/A				

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### **Atlas of Australian Acid Sulfate Soils**



# **Acid Sulfate Soils**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

### **Atlas of Australian Acid Sulfate Soils**

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

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

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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# **Dryland Salinity**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

### **Dryland Salinity - National Assessment**

Is there Dryland Salinity - National Assessment data onsite?

### No

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

### No

### What Dryland Salinity assessments are given?

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

Dryland Salinity Data Source : National Land and Water Resources Audit

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

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

# Mining

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

# **Mining Subsidence Districts**

Mining Subsidence Districts within the dataset buffer:

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

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

### Mining & Exploration Titles



# Mining

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

### **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

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

# **Historical Mining & Exploration Titles**

Historical Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Start Date	End Date	Resource	Minerals	Dist	Dir
EL0572	STORNOWAY MINERALS PTY LIMITED	19721201	19730501	MINERALS	Limestone	0m	On-site
EL7997	PMR5 PTY LTD	20121029	20131126	MINERALS		0m	On-site
PEL0243	PETROSEARCH PTY LTD, SION RESOURCES AUSTRALIA LTD	19810110	19841210	PETROLEUM	Petroleum	0m	On-site
PEL0084				PETROLEUM	Petroleum	0m	On-site
EL2823	MUMBIL MINES NL	19870301	19890301	MINERALS	Au Pt	869m	North
EL1701	SHELL MINERALS EXPLORATION AUSTRALIA PTY LIMITED	19810901	19820101	MINERALS	W Mo	898m	North East

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

# **State Environmental Planning Policy**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

# **State Significant Precincts**

What SEPP State Significant Precincts exist within the dataset buffer?

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

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

**EPI Planning Zones** 778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340



# **Environmental Planning Instrument**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

# 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
RU4	Primary Production Small Lots		Tamworth Regional Local Environmental Plan 2010	23/06/2023	23/06/2023	23/06/2023	Map Amendment No 1	0m	On-site
R1	General Residential		Tamworth Regional Local Environmental Plan 2010	21/01/2011	21/01/2011	23/06/2023		0m	On-site
C3	Environmental Management		Tamworth Regional Local Environmental Plan 2010	05/11/2021	01/12/2021	23/06/2023	Standard Instrument (Local Environmental Plans) Amendment (Land Use Zones) Order 2021	0m	On-site
R2	Low Density Residential		Tamworth Regional Local Environmental Plan 2010	21/01/2011	21/01/2011	23/06/2023		19m	North East
R1	General Residential		Tamworth Regional Local Environmental Plan 2010	23/06/2023	23/06/2023	23/06/2023	Map Amendment No 1	61m	West
R5	Large Lot Residential		Tamworth Regional Local Environmental Plan 2010	21/01/2011	21/01/2011	23/06/2023		366m	North West
R2	Low Density Residential		Tamworth Regional Local Environmental Plan 2010	21/01/2011	21/01/2011	23/06/2023		640m	South East
R2	Low Density Residential		Tamworth Regional Local Environmental Plan 2010	23/06/2023	23/06/2023	23/06/2023	Map Amendment No 1	806m	South West
E1	Local Centre		Tamworth Regional Local Environmental Plan 2010	24/02/2023	26/04/2023	23/06/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	925m	South East
R1	General Residential		Tamworth Regional Local Environmental Plan 2010	21/01/2011	21/01/2011	23/06/2023		925m	South

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# Heritage

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

### **Commonwealth Heritage List**

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

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

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

### **National Heritage List**

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

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

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

### State Heritage Register - Curtilages

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

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

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### **Environmental Planning Instrument - Heritage**

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

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

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#### **Natural Hazards - Bush Fire Prone Land**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340



## **Natural Hazards**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

## **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 Category 1	0m	On-site
Vegetation Category 3	0m	On-site
Vegetation Buffer	Om	On-site

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

#### **Ecological Constraints - Vegetation & Ramsar Wetlands**

778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340





778 Manilla Road & 383 Browns Lane, Oxley Vale, NSW 2340

## **Native Vegetation**

What native vegetation exists within the dataset buffer?

lap )	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
	Grassy Woodlands	(Grassy Woodlands) White Box - White Cypress Pine - Silver-leaved Ironbark grassy woodland on mainly clay loam soils on hills mainly in the Nandewar Bioregion	Western Slopes Grassy Woodlands	0m	On-site
344563	Not classified	(Not classified) Not classified	Not classified	0m	On-site
147352	Dry Sclerophyll Forests (Shrub/grass sub- formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) White Box - White Cypress Pine shrubby hills open forest mainly in the Nandewar Bioregion	North-west Slopes Dry Sclerophyll Woodlands	183m	South East
166666	Grassy Woodlands	(Grassy Woodlands) White Box - White Cypress Pine - Silver-leaved Ironbark grassy woodland on mainly clay loam soils on hills mainly in the Nandewar Bioregion	Western Slopes Grassy Woodlands	247m	South
166665	Grassy Woodlands	(Grassy Woodlands) White Box - White Cypress Pine - Silver-leaved Ironbark grassy woodland on mainly clay loam soils on hills mainly in the Nandewar Bioregion	Western Slopes Grassy Woodlands	297m	South
11129317	Not classified	(Not classified) Not classified	Not classified	345m	East
147415	Dry Sclerophyll Forests (Shrub/grass sub- formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) White Box - White Cypress Pine shrubby hills open forest mainly in the Nandewar Bioregion	North-west Slopes Dry Sclerophyll Woodlands	506m	South East
14076870	Not classified	(Not classified) Not classified	Not classified	510m	South East
147414	Dry Sclerophyll Forests (Shrub/grass sub- formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) White Box - White Cypress Pine shrubby hills open forest mainly in the Nandewar Bioregion	North-west Slopes Dry Sclerophyll Woodlands	539m	South East
147349	Dry Sclerophyll Forests (Shrub/grass sub- formation)			611m	South East
147348	Dry Sclerophyll Forests (Shrub/grass sub- formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) White Box - White Cypress Pine shrubby hills open forest mainly in the Nandewar Bioregion	North-west Slopes Dry Sclerophyll Woodlands	639m	South East
166690	Grassy Woodlands	(Grassy Woodlands) White Box - White Cypress Pine - Silver-leaved Ironbark grassy woodland on mainly clay loam soils on hills mainly in the Nandewar Bioregion	Western Slopes Grassy Woodlands	650m	North
166694	Grassy Woodlands	(Grassy Woodlands) White Box - White Cypress Pine - Silver-leaved Ironbark grassy woodland on mainly clay loam soils on hills mainly in the Nandewar Bioregion	Western Slopes Grassy Woodlands	717m	North
11129330	Not classified	(Not classified) Not classified	Not classified	732m	South
169755	Grassy Woodlands	(Grassy Woodlands) White Box grassy woodland to open woodland on basalt flats and rises in the Liverpool Plains sub-region, BBS Bioregion	Western Slopes Grassy Woodlands	756m	North
166683	Grassy Woodlands	(Grassy Woodlands) White Box - White Cypress Pine - Silver-leaved Ironbark grassy woodland on mainly clay loam soils on hills mainly in the Nandewar Bioregion	Western Slopes Grassy Woodlands	802m	East
166699	Grassy Woodlands	(Grassy Woodlands) White Box - White Cypress Pine - Silver-leaved Ironbark grassy woodland on mainly clay loam soils on hills mainly in the Nandewar Bioregion	Western Slopes Grassy Woodlands	812m	North East
11129333	Not classified			832m	South East
11129332	Not classified	(Not classified) Not classified Not classified		876m	South East
11129325	Not classified	(Not classified) Not classified Not classified		921m	South East
11129331	Not classified	(Not classified) Not classified	Not classified	946m	South
125816	Forested Wetlands	(Forested Wetlands) River Oak - Rough-barked Apple - red gum - box riparian tall woodland (wetland) of the Brigalow Belt South Bioregion and Nandewar Bioregion	Eastern Riverine Forests	979m	South West

Map ID		Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
	166659	Grassy Woodlands	(Grassy Woodlands) White Box - White Cypress Pine - Silver-leaved Ironbark grassy woodland on mainly clay loam soils on hills mainly in the Nandewar Bioregion	Western Slopes Grassy Woodlands	990m	South East
	169778	Grassy Woodlands	(Grassy Woodlands) White Box grassy woodland to open woodland on basalt flats and rises in the Liverpool Plains sub-region, BBS Bioregion	Western Slopes Grassy Woodlands	995m	North

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

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#### **Collaborative Australian Protected Areas Database - Terrestrial**

Protected areas in terrestrial environments identified by the CAPAD within the dataset buffer:

Map ID	Area Name	Area Details	Management Category	Authority	Jurisdiction	Dist	Dir
N/A	No records in buffer						

#### **Collaborative Australian Protected Areas Database - Marine**

Protected areas in marine environments identified by the CAPAD within the dataset buffer:

Map ID	Area Name	Area Details	Management Category	Authority	Jurisdiction	Dist	Dir
N/A	No records in buffer						

Source: Collaborative Australian Protected Areas Database (CAPAD) 2022 Creative Commons 4.0 © Commonwealth of Australia 2023

#### **Ecological Constraints - Groundwater Dependent Ecosystems Atlas**

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#### **Groundwater Dependent Ecosystems Atlas**

Туре	GDE Potential	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Terrestrial	High potential GDE - from regional studies	Ridges and valleys in metamorphic rocks.	Vegetation		0m	On-site
Terrestrial	Low potential GDE - from regional studies	Ridges and valleys in metamorphic rocks.	Vegetation		169m	South East
Aquatic	High potential GDE - from national assessment	Ridges and valleys in metamorphic rocks.	River		997m	South West

Groundwater Dependent Ecosystems Atlas Data Source: The Bureau of Meteorology

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## Ecological Constraints - Inflow Dependent Ecosystems Likelihood

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### Inflow Dependent Ecosystems Likelihood

Туре	IDE Likelihood	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Terrestrial	7	Ridges and valleys in metamorphic rocks.	Vegetation		0m	On-site
Terrestrial	9	Ridges and valleys in metamorphic rocks.	Vegetation		247m	South
Terrestrial	8	Ridges and valleys in metamorphic rocks.	Vegetation		749m	South East
Terrestrial	4	Ridges and valleys in metamorphic rocks.	Vegetation		802m	East
Terrestrial	5	Ridges and valleys in metamorphic rocks.	Vegetation		812m	North East
Aquatic	10	Ridges and valleys in metamorphic rocks.	River		997m	South West

Inflow Dependent Ecosystems Likelihood Data Source: The Bureau of Meteorology

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#### **NSW BioNet Species Sightings**

Species sightings from the NSW BioNet Repository that have either a state or federal conservation status, or a sensitivity status, and are within 10 km of the site: Note: This data does not include NSW Category 1 sensitive species.

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Alectura lathami	Australian Brush- turkey	Not Sensitive	Endangered Population	Not Listed	
Animalia	Aves	Anthochaera phrygia	Regent Honeyeater	Category 2	Critically Endangered	Critically Endangered	
Animalia	Aves	Apus pacificus	Fork-tailed Swift	Not Sensitive	Not Listed	Not Listed	Rokamba;camba; Jamba
Animalia	Aves	Artamus cyanopterus cyanopterus	Dusky Woodswallow	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Calyptorhynchus banksii samueli	Red-tailed Black- Cockatoo (inland subspecies)	Category 2	Vulnerable	Not Listed	
Animalia	Aves	Chthonicola sagittata	Speckled Warbler	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Circus assimilis	Spotted Harrier	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Climacteris picumnus victoriae	Brown Treecreeper (eastern subspecies)	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Coracina lineata	Barred Cuckoo- shrike	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Falco subniger	Black Falcon	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Gallinago hardwickii	Latham's Snipe	Not Sensitive	Not Listed	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Glossopsitta porphyrocephala	Purple-crowned Lorikeet	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Glossopsitta pusilla	Little Lorikeet	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Grantiella picta	Painted Honeyeater	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Hieraaetus morphnoides	Little Eagle	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Hirundapus caudacutus	White-throated Needletail	Not Sensitive	Vulnerable	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Lathamus discolor	Swift Parrot	Not Sensitive	Endangered	Critically Endangered	
Animalia	Aves	Lophoictinia isura	Square-tailed Kite	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Melanodryas cucullata cucullata	South-eastern Hooded Robin	Not Sensitive	Endangered	Endangered	
Animalia	Aves	Melithreptus gularis gularis	Black-chinned Honeyeater (eastern subspecies)	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Neophema pulchella	Turquoise Parrot	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Ninox strenua	Powerful Owl	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Pachycephala inornata	Gilbert's Whistler	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Petroica boodang	Scarlet Robin	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Pluvialis squatarola	Grey Plover	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Pomatostomus temporalis temporalis	Grey-crowned Babbler (eastern subspecies)	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Stagonopleura guttata	Diamond Firetail	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Thinornis cucullatus cucullatus	Eastern Hooded Dotterel	Not Sensitive	Critically Endangered	Vulnerable	
Animalia	Mammalia	Chalinolobus dwyeri	Large-eared Pied Bat	Not Sensitive	Vulnerable	Endangered	
Animalia	Mammalia	Dasyurus maculatus	Spotted-tailed Quoll	Not Sensitive	Vulnerable	Endangered	
Animalia	Mammalia	Dasyurus viverrinus	Eastern Quoll	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	Falsistrellus tasmaniensis	Eastern False Pipistrelle	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Micronomus norfolkensis	Eastern Coastal Free-tailed Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Miniopterus orianae oceanensis	Large Bent- winged Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Petaurus norfolcensis	Squirrel Glider	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	Petrogale penicillata	Brush-tailed Rock-wallaby	Not Sensitive	Endangered	Vulnerable	
Animalia	Mammalia	Phascolarctos cinereus	Koala	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	Pteropus poliocephalus	Grey-headed Flying-fox	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Mammalia	Saccolaimus flaviventris	Yellow-bellied Sheathtail-bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Reptilia	Aprasia parapulchella	Pink-tailed Legless Lizard	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Reptilia	Chelonia mydas	Green Turtle	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Reptilia	Hemiaspis damelii	Grey Snake	Not Sensitive	Endangered	Endangered	
Animalia	Reptilia	Simoselaps fasciolatus	Narrow-banded Snake	Not Sensitive	Vulnerable	Not Listed	
Animalia	Reptilia	Uvidicolus sphyrurus	Border Thick- tailed Gecko	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Dichanthium setosum	Bluegrass	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Eucalyptus nicholii	Narrow-leaved Black Peppermint	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Euphrasia ruptura		Not Sensitive	Extinct	Extinct	
Plantae	Flora	Syzygium paniculatum	Magenta Lilly Pilly	Not Sensitive	Endangered	Vulnerable	

Source: NSW BioNet Species Sightings

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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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# Annex E

## Photographic Log





Photograph 1 – Site Location (Browns Lane), facing Northwest adjacent Browns Lane

**Date** – 14/08/2024



Photograph 2 – Site Location (Browns Lane), facing Southeast

Date - 14/08/2024





Photograph 3 – Storage containers and roofed area, located on the Eastern site boundary (Browns Lane)

Date - 14/08/2024



Photograph 4 – Site Feature (Browns Lane), South of storage containers on Eastern Boundary Date – 14/08/2024





Photograph 5 – Site location (Browns Lane) facing West

**Date** – 14/08/2024



**Photograph 6** – Site Location (Browns Lane) Facing North from Southern Boundary

**Date** – 14/08/2024

## Photographic Log





Photograph 7 – Driveway entry to Site (Manilla Road) facing Northeast from Eastern Boundary

**Date** – 14/08/2024



**Photograph 8** – Smaller Shed/dwelling to Northern boundary of Site (Manilla Road)

Date - 14/08/2024





**Photograph 9** – Site Location (Manilla Road), facing East, existing residential dwelling

Date - 14/08/2024



**Photograph 10** – Site Location (Manilla Road), backyard of dwelling and Eastern boundary.

**Date** – 14/08/2024





Photograph 11 – Empty horse stables (Manilla Road) facing West Date –

Date - 14/08/2024