

Preliminary Site Investigation

1290 Greendale Road, Wallacia, NSW





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Prepared for:

MKD Architects

Revision	Date	Author	Approver	Issued
Draft	14 July 2020	AW	KH	14 July 2020
Rev0	23 July 2020	AW	KH	23 July 2020

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Ref. No.:	99.72
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Executive Summary

MKD Architects engaged TRACE Environmental to undertake a Preliminary Site Investigation (PSI) for the property located at 1290 Greendale Road, Wallacia, NSW ('the site'), referenced as Lot 1 in DP 776645. This report is required to support a DA lodgement with Liverpool City Council for the proposed development of the site into a cemetery.

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

The scope of works undertaken for this PSI included conducting database searches and review of historical information relating to the site (including certificates of title, local council records/planning certificates, NSW EPA registers, state government records, historical business directories and historical aerial photographs) and conducting an inspection of the site to identify potential sources of contamination.

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

- The site has been used for agricultural land use purposes since at least approximately the 1950s. The site currently comprises a homestead with a garage, sheds, a former dairy shed, silos, two dams, cattle grazing areas and various paddocks with crops;
- The following areas of environmental concern were identified at the site:
 - Fill material (either site-sourced re-worked fill or fill from off-site sources) for road construction;
 - Potential hazardous building materials in the building structures; and
 - Historical petroleum storage in above ground storage tanks (ASTs) at unsealed and unbunded areas, chemical storage areas associated with agriculture (e.g. petroleum products, herbicides, fungicides, pesticides etc.) and the potential use of herbicides/pesticides in agricultural fields.
- The site is in a moderate sensitivity environmental setting based on the preliminary CSM considering on-site and nearby environmental receptors.

Based on the results of the PSI, it is recommended to undertake a Detailed Site Investigation (DSI) and a hazardous material building survey at the site. In the event that the soil is excavated and requires off-site disposal during redevelopment, the soil should be tested and classified in accordance with NSW EPA guidelines prior to disposal, and any imported material brought onto the site for any purpose must be validated as being suitable for the intended land use.

1 Introduction

MKD Architects engaged TRACE Environmental to undertake a Preliminary Site Investigation (PSI) for the property located at 1290 Greendale Road, Wallacia, NSW ('the site'), referenced as Lot 1 in Deposited Plan (DP) 776645. The site comprises (but not limited to) a rural property with a homestead, a garage, various sheds, silos, driveways, roads, agricultural machinery, paddocks and dams.

It is understood this report is required to support a DA lodgement with Liverpool City Council for the proposed development of the site into a cemetery.

This assessment was completed under the National Environment Protection Measure (*Assessment of Site Contamination*) Measure, Amendment 2013 (NEPM) and relevant NSW Environment Protection Authority (EPA) Guidelines.

The Locality Plan is presented in **Figure 1** and the Site Plan showing the site and main features is presented in **Figure 2**. Photographs of the site are presented in **Appendix A**.

1.1 Objectives

The objectives of the PSI are to:

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

1.2 Scope of Works

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

- Conduct database searches and review of historical information relating to the site:
 - Information held by the client, including previous investigations undertaken at the site (if any);
 - Available historical aerial photographs (**Appendix B**);
 - Historical business directories for the site and surrounds (**Appendix B**);
 - Available utility plans (**Appendix C**);
 - NSW EPA administered environment management and contaminated land registers (**Appendix B and G**);

- Registered groundwater bore database for groundwater bores in the vicinity of the site, to assist in gaining an understanding of the local and regional hydrogeology (**Appendix B**);
- Acid Sulfate Soils (ASS) and dryland salinity risk maps (**Appendix B**);
- Available geological and hydrogeological information (**Appendix B**);
- Historical and current title searches (**Appendix D**);
- Council Planning Certificates (**Appendix E**);
- Conduct an inspection of the site to identify potential sources of contamination and evaluate the general condition of the site concerning potential contamination;
- Develop an initial conceptual site model (CSM) of the site, outlining potential contamination sources, and exposure pathways and receptors which may be impacted, and undertake a preliminary environmental risk assessment;
- If required, outline any recommendations for further investigation that may be warranted to assess for potential contamination at the site based on the results of this assessment; and
- Provide this PSI report including recommendations.

1.3 Statutory and Regulatory Framework

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

- *Contaminated Land Management Act 1997*;
- NEPC (2013) National Environment Protection (*Assessment of Site Contamination*) Measure (NEPM). National Environment Protection Council (NEPC) 1999, Amendment 2013;
- NSW Department of Infrastructure, Planning and Natural Resources, *Salinity Potential in Western Sydney* 2002;
- NSW Department of Urban Affairs and Planning (1998) *Managing Land Contamination: Planning Guidelines: SEPP 55 Remediation of Land*, 1998;
- NSW EPA (1995) *Contaminated Sites Sampling Design Guidelines*. NSW EPA, September 1995;
- NSW EPA (2014) *Waste Classification Guidelines. Part 1: Classifying Waste*. NSW EPA, November 2014;
- NSW EPA (2015) *Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act*. NSW EPA, September 2015;
- NSW EPA (2017) *Guidelines for the NSW Site Auditor Scheme (3rd Edition)*. NSW EPA, October 2017;
- NSW EPA (2020) *Consultants Reporting on Contaminated Land: Contaminated Land Guidelines*. NSW EPA, April 2020;
- NSW Government (2019) *Code of Practice: How to Safely Remove Asbestos*, August 2019;

- NSW Government (2019) *Code of Practice: How to Manage and Control Asbestos in the Workplace*, August 2019;
- Standards Australia (1999), Australian Standard AS 4482.2-1999 - *Guide to the sampling and investigation of potentially contaminated soil. Part 2: Volatile substances*. Standards Australia, Homebush, NSW; and
- Standards Australia (2005), Australian Standard AS 4482.1-2005 – *Guide to the investigation and sampling of sites with potentially contaminated soil. Part 1: Non-volatile and semi-volatile compounds*. Standards Australia, Homebush, NSW.

2 Site Description and Setting

2.1 Site Identification

The site is located at 1290 Greendale Road, Wallacia NSW. The site comprises a total area of approximately 738,129 m² and is referred to as Lot 1 in DP 776645. The site boundaries are shown in **Figure 2**. Details of the site are included in **Table 2-1**.

Table 2-1: Site Identification Details

ID Element	Description
Site Address	1290 Greendale Road, Wallacia, NSW, 2745
Lot/DP	Lot 1 in DP 776645
Site Owners	Soukutsu Pty Ltd
Site Area (approx.)	738,129 m ² *
Site Coordinates (approx.)	-33.898561°, 150.641304°**
Site Elevation (approx.)	40 mAHD***
Local Council	Liverpool City Council
Zoning	RU1 – Primary Production

*Refer Lotsearch report¹ (**Appendix B**)

**Approximate centre of site

***Metres above Australian Height Datum

2.2 Site Description and Adjoining Land Uses

A site inspection was completed by TRACE Environmental personnel on 23 June 2020. Photographs taken during the site visit are included in **Appendix A** and the general site layout is presented in **Figure 2**. Details of the site, as observed during the inspection and gathered from other sources detailed in this report, are outlined in **Table 2-2**.

Table 2-2: Site Description

Category	Findings
Current Users, Occupiers and Features	<p>The site is currently owned by Soukutsu Pty Ltd and used for agricultural land use purposes with cattle and growing of crops (feedstock for cattle/stock). Current titles are included in Appendix D.</p> <p>The site is accessible from Greendale Road via three gates: the main gate in the north-east corner of the property, leading to the main homestead, another gate leading to the dairy shed, in the approximate centre of the eastern boundary and another gate in the south-east corner of the property.</p> <p>The driveways are unsealed with sand, gravel and rock surface.</p>

¹ Lotsearch (2020) *Report for 1290 Greendale Park Road, Wallacia, NSW 2745*, 24 June 2020.

Category	Findings
	<p>A site inspection has been carried out on 23 June 2020, with photographs provided in Appendix A. The following observations were noted during the inspection:</p> <ul style="list-style-type: none"> • A main residence/homestead is located in the north-east corner, with a nearby garage and sheds to the west. A fire pit was also noted near the homestead. The residence appears to be constructed from weatherboard/gyprock, with sheds generally constructed of brick, timber frames and/or sheet metal; • A dairy shed with milking facilities and silos are located near the central eastern portion of the site; • Two farm dams were observed on the site. The dams were being used by birds, and no hydrocarbon or chemical sheen, odours or otherwise were observed; • A large storage tank is located near the southern boundary (which is understood to store natural fertiliser); • The site has been sectioned into various paddocks covered with crops, grass, vegetation (trees, shrubs and weeds). The paddocks were used by cattle for grazing or were in the process of ploughing for future planting of crops; • Power is supplied by the main electrical grid from Greendale Road; • The banks of Duncan Creek and the Nepean River had riparian vegetation present (trees, shrubs, grass and weeds); • The site has on-site rain collection and septic tanks; • No rubbish piles (dumped or otherwise) were observed; • Fill materials, including sand, gravel and rocky materials (either site-sourced re-worked fill or fill from off-site sources) appear to have been used for access driveways, roads and other trails; • The remainder of the site appears to comprise natural materials at surface; • Two above ground storage tanks (ASTs) were observed within sheds in the north-east portion of the site (near the homestead), noting one had a dispenser likely associated with fuel refilling activities. The ASTs were unbunded; • Various farm machinery was observed including tractors and ploughs; • Storage containers/cans of pesticides, herbicides, cleaning chemicals, acaricides, degreasers, paints, disinfectants, petrol, lubricating oil, grease, diesel, paints, VOCs (WD-40 and carburettor cleaners), fertilisers and acids were identified within the garage and various other sheds; • Hand tools, batteries, generators and car parts were observed in various sheds; • Feedstock for cattle in bags were observed, including grains; and • Stacked/stockpiled tiles, pavers, feedstock and waste bins (with feedstock bags) were observed near the homestead in the north-eastern portion of the site.
Future Use and Users/Occupiers	<p>The site is proposed to be redeveloped into a cemetery. The main features of the proposed development include a chapel, crematorium, cremation walls, mausoleum, footpaths, tombs, vaults and inground burial plots. Proposed development plans are included in Appendix F.</p> <p>Future site users include workers and visitors to the site. Maintenance workers would be expected to visit the site periodically. Construction workers would also be expected to visit the site during the redevelopment.</p>
Chemicals, raw materials, intermediate products storage and use	<p>Chemicals associated with agricultural land use (e.g. pesticides, fertilisers, herbicides, cleaning chemicals, lubricants, degreasers, petrol, diesel, oil etc) have been observed in the garage and the various sheds. An AST on an elevated platform in an unsealed and unbunded area with dispenser was observed in one of the sheds. Another disused AST with unknown use/contents was observed in the same shed (located in the north-eastern portion of the site).</p>

Category	Findings
Waste Management	Household waste and wastes associated with agricultural land use (e.g. empty feed bags) were observed in a waste skip bin and in the sheds. It is noted that no waste/rubbish stockpiles were noted on the site.
Underground Services/Utilities	TRACE Environmental conducted a Dial Before You Dig (DBYD) search on 22 June 2020 which shows the approximate locations of underground services in the vicinity of the site (refer to Section 3.10 for additional detail). An on-site utility plan also provided by the client indicates there are underground irrigation lines and eight hydrants which service paddocks in the western and southern portions of the site. A holding tank is also located in the southern portion of the site (as discussed above), which is understood to be used to store natural liquid fertiliser (as advised by a representative of the land owner, refer to Section 2.7 for additional detail). Underground services/utility plans are provided in Appendix C .
Reported spills, chemical losses, discharges to land/water and/or incidents/accidents	No evidence of spills, chemical losses, discharges to land/water and/or incidents/accidents was observed during the site inspection. No staining or odours associated with chemical spills were observed. However, pesticides, herbicides and various other contaminants appear to have been used in the past (as discussed above). Potential losses and spills during fuel refilling activities (including potentially from the ASTs) may have also occurred in the past.
Surface covering/Vegetation	The majority of the site is grassland used for cattle grazing, paddocks for agricultural crops, and scattered shrubs and trees. Other areas of denser vegetation exist along the banks of Duncans Creek and the Nepean River, as well as in patches at various other portions of the site. Vegetation did not appear to be showing any significant signs of plant stress or dieback that may potentially be related to contaminated land issues.
Electrical transformers/power generation	No electrical transformers were observed on the site. The site is connected to the electric grid by above ground powerlines from Greendale Road. Small generators were also observed in the dairy shed.
Topography and infilling	The site's highest elevation is in the north-eastern corner (close to the homestead) at approximately 76mAHD. The site slopes towards the Nepean River at the western site boundary, with the riverbank at an elevation of approximately 30mAHD. It appears that fill consisting of sand, gravels and rocks was used for the construction of driveway/road access areas (which may be reworked natural sourced from the site or imported materials). The remainder of the site appears to feature the natural topography, except for some small mounds of soil observed at some locations of the site during the inspection.
Surface drainage	Surface water is present in two dams within the eastern portion of the site (refer to Figure 2). Precipitation would be expected to infiltrate into the soil, with groundwater and excess surface runoff expected to flow in a general westerly direction into Duncans Creek or the Nepean River. Rainwater from the roof of the on-site residence also collects into two tanks.

2.3 Surrounding Land Use

At the time of the inspection, the surrounding land use of the site included:

- North: agricultural land use;
- East: Greendale Road with commercial (Shock Treatment Motorcycle Repair Shop) and agricultural land use beyond;
- South: agricultural land use; and
- West: the Nepean River with agricultural, recreational, bushland and residential land uses beyond.

2.4 Geology and Hydrogeology

The geological unit identified underlying the site comprises shale, carbonaceous claystone, claystone, laminate, fine to medium-grained lithic sandstone, with rare coal and tuff of the Middle Triassic Bringelly Shale unit of the Wianamatta group. The majority of the Bringelly Shale on-site is overlain by Quaternary fine-grained sand, silt and clay.

The on-site natural soil units are classified as Kurosols and Sodosols. Kurosols dominate the western portion of the site and are associated with undulating ridge tops, slopes and valleys. The central and eastern portions of the site are dominated by a Sodosol, associated with river terraces and flood-plains. Geological and pedological figures are provided in the Lotsearch report in **Appendix B**.

The hydrogeology map provided in the Lotsearch report (Commonwealth of Australia, Bureau of Meteorology) indicates that the aquifers on-site are porous, extensive aquifers of low to moderate productivity. Based on topography, groundwater beneath the site is expected to flow in a western direction towards Duncans Creek and the Nepean River (refer to **Section 2.6** for additional detail of surface water bodies in the site area). Figures showing the hydrogeological features on and around the site are provided in Lotsearch report in **Appendix B**.

At the time of the site inspection (23 June 2020), a separate geotechnical investigation was also being conducted at the site by other consultants. As part of the geotechnical investigation, TRACE Environmental was advised that six 50mm groundwater monitoring wells had been installed at the site, with the monitoring wells installed to depths ranging between approximately 2 and 17mbgs. Groundwater was encountered in one monitoring well only at a depth of approximately 6.25mbgs. Refer below for details for other registered groundwater bores located near the site.

2.5 Registered Groundwater Bore Search

A search of the NSW Department of Primary Industries Office of Water database was conducted by Lotsearch and identified 33 registered boreholes within 2 km of the site. The registered bores within 2km of the site have domestic, stock, farming, industrial, monitoring/test, town water supply and irrigation purposes. The two closest bores are located 395 and 421m to the west of the site (across the Nepean River) with domestic, farming and/or stock purposes.

Based on distance and direction, no registered bores within 2km of the site are considered as potential receptors of potential contamination sourced from the site (if any). A figure and summary of well data (including construction and depth to water details) for the registered bores are provided in the Lotsearch report (**Appendix B**).

2.6 Surface Water Bodies

Two dams were noted on the site during the inspection. Numerous dams are also located on various agricultural properties within 500m of the site. Duncans Creek also travels through the site from the eastern to the northern boundary. The Nepean River is also present at the western site boundary. It is noted that Duncans Creek discharges into the Nepean River approximately 1.4 km north of the site. Based on the locations of Duncans Creek and the Nepean River, these surface waterways are considered to be potential receptors of groundwater or surface water contamination sourced from the site (if any).

2.7 Anecdotal Evidence

During the site inspection, an interview was also conducted with a representative of the landlord ('Sam'). The following is noted from the interview:

- The site is currently leased, and used for cattle grazing and growing of crops (including feedstock for cattle);
- A former dairy shed is located in the central eastern portion of the site (no longer in use);
- A holding tank in the southern portion of the site is used for storage of natural fertiliser;
- Farm machinery is currently refilled by a vehicle with a small holding tank of petroleum hydrocarbons;
- The site is serviced by on-site rain collection and filtering for use in the homestead;
- Sewage is also treated with on-site septic tanks;
- Water is pumped from the Nepean River for use on the site;
- There are no know sheep or cattle dips at the site (e.g. for the treatment of parasites);
- There are no known waste stockpiles (dumped or otherwise) on the site; and
- The main residence is constructed from weatherboard/gyprock.

3 Site History and Background

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

Table 3-1: Historical and Background Information Search

Source	Location	Comments
Planning and Zoning Information	Lotsearch Report Planning Certificate	A copy of the Lotsearch report is in Appendix B , the planning certificate is included in Appendix E and discussed in Section 3.5 .
Historical Land Owners	Title Search	A copy of the InfoTrack Owners Title Search is provided in Appendix D and is summarised in Table 3-2 (Section 3.1) .
Historical Aerial Photographs	Lotsearch Report	A summary of the photographs is provided in Table 3-3 (Section 3.2) . Aerial photographs are provided in the Lotsearch report in Appendix B .
Contaminated Land Registers	Lotsearch Report and EPA databases	Provided in Section 3.3 .
ASS Search	Lotsearch Report	Summary provided in Section 3.6 .
Historical Business Directories	Lotsearch Report	Discussed in Section 3.8 , and a summary in the Lotsearch report in Appendix B .
Heritage Database	Lotsearch Report Planning Certificate	Results are discussed in Section 3.5 , with the findings also summarised in the Lotsearch report in Appendix B .
Utilities	DBYD search	Results discussed in Section 3.10 , with plans provided in Appendix C .
Saline Soils	Lotsearch Report	Results discussed in Section 3.7 .

3.1 Current & Historical Titles

A summary of current & historical titles held on the site is provided in **Table 3-2**. Title records are attached in **Appendix D**.

Table 3-2: Current and Historical Titles

Date of Acquisition and Term Held	Registered Proprietor(s) & Occupations where available	Reference to Title at Acquisition and Sale
28.12.1928 (1928 to 1952)	Greendale Limited	Book 1544 No. 706 Now Vol 4510 Fol 150
22.08.1952	Surrender to the Crown	
05.09.1952 (1952 to 1971)	Leslie King Wines	Crown Tenure Closer Settlement Lease 1952/2 Penrith Then Crown Tenure Settlement Purchase 1970/1 Penrith Now Vol 11444 Fol 153
02.09.1971 (1971 to 1979)	Dennis Edwynne Robinson (Billiard Room Proprietor)	Vol 11444 Fol 153
12.12.1979 (1979 to 2000)	Thelma May Robinson (Home Duties) Now Thelma May Verran	Vol 11444 Fol 153 Now 1/776645

Date of Acquisition and Term Held	Registered Proprietor(s) & Occupations where available	Reference to Title at Acquisition and Sale
19.06.2000 (2000 to 2018)	Paul Galea Mary Galea	1/776645
20.08.2018 (2018 to <u>current</u>)	Soukutsu Pty Ltd	1/776645

3.2 Historical Aerial Photograph and Map Review

Historical maps have been provided for the years 1929, 1942, 1975 and 2015. Historical aerial imagery of the site for the years 1949, 1955, 1961, 1965, 1970, 1978, 1982, 1986, 1991, 1994, 2009, 2015 and 2020 was obtained by Lotsearch. A summary of the photographs is provided in **Table 3-3**. Historical maps aerial photographs are provided in **Appendix B**.

Table 3-3: Historical Aerial Photograph Review

Aerial Photographs	Description
1949 (Black and White)	The site appears to be cleared of the majority of native vegetation, with remnant (i.e. native) shrubs/trees concentrated to the north-east, southern and creek/riverbank riparian areas of the site (at similar locations to the most recent aerial, refer below). Greendale Road appears to be an unsealed road/track.
1955 (Black and White)	A domestic dwelling and a shed appear to have been constructed in the north-east portion of the site. Regular patterns and tracks on the ground surface in the western part of the property suggests farming activities are occurring on the site. A residential dwelling has been erected across Greendale Road, opposite the main site gate.
1961 (Black and White)	Similar to the 1955 aerial photograph, although it appears a dam has been constructed in the fields in the western part of the site.
1965 (Black & White)	The site is generally consistent with the 1961 aerial photograph.
1970 (Black & White)	No significant changes occurred compared to the 1965 aerial.
1978 (Black & White)	Similar to the 1970 aerial photograph, although the dairy shed at the central-eastern boundary has been constructed, including two silos and an access road from Greendale Road.
1982 (Colour)	Similar to the 1978 aerial photograph, although a shed has been added directly south of the dairy shed silos.
1986 (Colour)	The site is generally consistent with the 1982 aerial photograph.
1991 (Colour)	Sheds and garages have been constructed directly east of the homestead. Some trees south of the homestead have been cleared and a large dam has been constructed.
1994 (Colour)	A large shed has been constructed on the northern neighbouring property, close to the property boundary. The site itself is generally consistent with the 1991 aerial photograph.
2009 (Colour)	The site is generally consistent with the 1994 aerial photograph.
2015 (Colour)	The site itself is generally consistent with the 2009 aerial photograph, although another dam has been constructed at the site.
2020 (Colour)	The site is generally consistent with the 2020 aerial photograph.

3.3 Contaminated Land Record Review

A search of the NSW EPA Contaminated Land Records and the list of NSW contaminated sites notified to EPA was conducted by Lotsearch. No notices or declarations were listed for the site or within 1,000m radius. Former licenced activities under the *Protection of the Environment Operations (POEO) Act 1997* include the application of herbicides at waterways throughout the area/NSW. The site is not part of the NSW EPA, Department of Defence and Airservices Australia (per- and polyfluoroalkyl substances) PFAS investigation/management programs. The search results are provided in the Lotsearch report provided in **Appendix B**.

The NSW EPA environmental register for contaminated land records was also accessed online by TRACE Environmental on 9 July 2020 (<http://www.epa.nsw.gov.au/prclmapp/searchregister.aspx>). No notices or declarations under Section 58 of the *Contaminated Land Management (CLM) Act 1997* were listed for the site. A search of the List of NSW Contaminated Sites Notified to the EPA did not list the site. In addition, a search of the public register under Section 308 of the *POEO Act 1997* was also conducted by TRACE Environmental on 9 July 2020 (<http://www.epa.nsw.gov.au/prpoeoapp/>), and did not identify any licences referring to the site. The search results are provided in **Appendix G**.

3.4 Other Potentially Contaminating Activities

According to the Lotsearch report provided in **Appendix B**, no potentially contaminating activities have been carried out on-site or in a 1,000m radius.

3.5 Relevant Planning Information

Pursuant to the Planning Certificates for the site (dated 22 June 2020, **Appendix E**), under Section 10.7 of the *Environmental Planning and Assessment Act (EP&A Act) 1979*, the following information has been provided:

- The Land Use Zone is RU1 Primary Production under the Liverpool Local Environment Plan (LEP) 2008;
- The land does not include or comprise critical habitat, and is not located in a conservation area;
- An item of environmental heritage is not situated on the site;
- The site is not affected by Sections 38 or 39 of the *Coastal Protection Act 1979*;
- The land is not proclaimed to a mine subsidence district within the meaning of Section 15 of the *Mine Subsidence Compensation Act 1961*;
- The site is not affected by any road widening or road alignment under Division 2 of Part 3 of the *Roads Act 1993*;
- The site is within a flood planning area and subject to flood planning controls;
- The land is not biodiversity certified land (under the meaning of Part 8 of the *Biodiversity Conservation Act 2016*);
- The site is located on bushfire prone land;

- The subject property is identified as containing environmentally significant land under Liverpool LEP 2008;
- The site is not significantly contaminated land within the meaning of the *CLM Act 1997*. In addition, the site is not subject to a management order, approved voluntary management proposal, ongoing maintenance order or site audit statement within the meaning of the *CLM Act 1997*; and
- The land has potential contaminated land risk under the Liverpool Development Control Plan (DCP) 2008, which list agricultural/horticultural activities as potentially contaminating.

It is noted that the land does not contain an item of heritage as per the planning certificate (**Appendix E**); however, the site is part of the Wara-n'hayara Plateau Area, a 150,000ha area listed in the National Heritage List (NHL) (as place not included in NHL) as per the Lotsearch report (**Appendix B**).

3.6 Acid Sulfate Soils

A review of the Atlas of Australian Acid Sulfate Soils Data Source (as referenced by Lotsearch), shows the site to have a low to extremely low probability of occurrence for ASS. The ASS mapping is provided in the Lotsearch report in **Appendix B**. The Liverpool Council Planning Certificate (**Appendix E**) also outlines that the site is not subject to an ASS hazard/risk policy.

3.7 Saline Soils

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

A review of the Dryland Salinity Potential of Western Sydney identified an area of moderate salinity potential on-site. The National Land and Water Resources Audit (Dryland Salinity) identified a high salinity hazard or risk. Both reviews are included in the Lotsearch report in **Appendix B**. No evidence of vegetation dieback, scalding or salt efflorescence was noted in the on-site areas of vegetation during the site inspection conducted on 23 June 2020.

3.8 Historical Business Directories

A search of historical business directories for the years 1950 to 1991 was conducted for the site by Lotsearch (**Appendix B**). No records for on-site businesses were found.

3.9 Ecological Considerations

As referenced in the Lotsearch Report (**Appendix B**), the following ecological considerations were noted for the site:

3.9.1 Remnant Vegetation

Various remnant vegetation types potentially exist on-site (and in a 1,000m radius), including Shale Sandstone Transition Forest, Riparian Forest, and various other woodland types.

Patches of vegetation were noted at various portions of the site during the inspection, with riparian vegetation also located adjacent Duncan Creek and the Nepean River. It is noted that vegetation on the site was not showing any visible signs of stress or dieback that may potentially be related to contaminated land issues.

3.9.2 Ramsar Wetlands

No Ramsar wetlands exist on-site or within a 1,000 m radius.

3.9.3 Groundwater & In-flow Dependent Ecosystems

According to the Bureau of Meteorology (BOM) Groundwater and In-flow Dependent Ecosystems Atlas' (as referenced in the Lotsearch Report in **Appendix B**), vegetation and river groundwater and in-flow dependent ecosystems are present on and near the site:

- Deeply dissected sandstone plateaus, containing groundwater and inflow dependent vegetation and river ecosystems; and
- Undulating to low hilly country, mainly on shale, containing groundwater and inflow dependent vegetation.

3.9.4 NSW BioNet Atlas

A large range of species that have a NSW or federal conservation status, a NSW sensitivity status or are listed under a migratory species agreement are found within 10km of the site, as referenced in the NSW BioNet Atlas (see details in the Lotsearch Report in **Appendix B**), including amphibia, birds, gastropoda, mammals, reptiles and plants, including the critically endangered Regent Honeyeater and Swift Parrot, and various other endangered and vulnerable species.

3.10 Dial Before You Dig Search

A DBYD search was undertaken by TRACE Environmental on 22 June 2020. Telstra, Sydney Water, Endeavour Energy and Liverpool City Council were contacted by the DBYD service. Telstra provides services to the site from Greendale Road. Other providers returned 'no underground assets' notifications. It is noted that the site is connected to the electric grid by above ground powerlines. Utility plans obtained by the DBYD search are provided in **Appendix C**.

4 Preliminary Conceptual Site Model

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

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

4.1 Potential Areas of Environmental Concern

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

Table 4-1 Conceptual Site Model

Item	Description
Site History/Contaminant Sources	<p>The site comprises a rural agricultural property with a homestead, dairy milking shed and other buildings/sheds/silos/tanks associated with agricultural activities dating back from at least the 1950s. Historical land uses of the site and surrounding properties include agricultural, residential, commercial and recreational. Remnant bushland is also present on and near the site.</p> <p>Potential contaminant sources at the site include:</p> <ul style="list-style-type: none"> ▪ Potential contamination from historic activities associated with agricultural land use including fuel storage and handing, storage and use of pesticides, herbicides, acaricides, degreasers, paints, petroleum derived oils/grease, acids, fertilisers, cleaning and other chemicals (also refer to discussion in Section 2.2); ▪ The potential use of herbicides/pesticides in agricultural fields; ▪ Cattle and other stock dip points for treatment of parasites (although no evidence of dip points were observed in historical aerial photographs or during the site inspection); ▪ Runoffs in surface flows from surrounding properties impacted with pesticides, herbicides etc; ▪ Fill materials (potentially imported) utilised during the construction of access driveways, roads and other tracks; and ▪ Hazardous building materials in the on-site structures, such as asbestos fibre cement.
Site Current and Future Use	<p>The site is currently used for agriculture (cattle stock and crops). In the future, the site may be redeveloped into a cemetery subject to receipt of required government approvals.</p>
Site Geology	<p>Triassic Bringelly Shale unit of the Wianamatta group and Quaternary fine-grained sand, silts and clays. The on-site natural soils are mapped as Kurosols and Sodosols.</p>
Site Hydrogeology	<p>Porous, extensive aquifers of low to moderate productivity. Based on topography, groundwater beneath the site is expected to flow in a general westerly direction towards Duncans Creek and the Nepean River.</p>
COPCs – Soil	<p>COPCs associated with historical and current land uses, fill materials, chemical storage/use and hazardous building materials, including asbestos, total petroleum hydrocarbons (TPH)/total recoverable hydrocarbons (TRH), benzene, toluene, ethylbenzene, xylenes and naphthalene (BTEXN), polycyclic aromatic hydrocarbons (PAHs), organochlorine pesticides (OCP), organophosphorus pesticides (OPP), polychlorinated biphenyls (PCB), herbicides, phenols, heavy metals, oil and grease, fungicides, fertilisers and volatile organic compounds (VOCs).</p>

Item	Description
COPCs – Soil Vapour	ASTs were observed on the site which are a potential source of volatile contaminants. Although it is considered unlikely, it cannot be ruled out that vapour issues arising from potential subsurface impact are present.
Extent of Impacts - Soil	Based on the site inspection, potential sources of contamination such as ASTs and potential historical use of chemicals were identified on the site. Potential historical importation of fill material is another source of potential impact at the site. It is unknown if a hazardous material survey has been carried out at the site to date. Hazardous building materials (e.g. asbestos or lead-based paint) potentially exist and are potential sources of site contamination (if any).
Potential Human Receptors	Current human receptors include residents, farm workers and visitors. Future potential human receptors include construction workers during redevelopment, future on-site workers and visitors of the proposed cemetery. Maintenance workers would be expected to visit the site periodically.
Potential Environmental Receptors	The nearest surface water body is Duncans Creek (which crosses the site), and the Nepean River at the western boundary. Based on topography, groundwater beneath the site is expected to flow west towards the Nepean River. Sensitive environmental receptors include groundwater and other inflow-dependent ecosystems, remnant native vegetation and threatened species that may inhabit or visit the site.

4.2 Preliminary CSM Discussion and Summary

Based on the findings of the historical data review, the site appears to have been used for agricultural purposes since at least the 1950s. The surrounding land has also been used for agricultural, residential, commercial and recreational land uses. Remnant bushland is also location on and near the site.

Following review of the site history and conducting a site inspection, the following potential areas of environmental concern were identified at the site:

- Fill material (possibly imported) for road construction;
- Historical petroleum storage in ASTs at unsealed and unbunded areas;
- Chemical storage areas associated with agriculture (e.g. petroleum products, herbicides, fungicides, pesticides etc.); and
- Potential use of herbicides/pesticides in agricultural fields.

Refer to **Figure 2** for key site features.

Based on recent site observations, no evidence of odours or staining of soils were observed, or vegetation affected by plant stress or dieback that may be associated with contaminated land issues. In addition, considering the current and historical site use (i.e. residential and agricultural), and the proposed land use (public cemetery) the potential risk of exposure to site users and/or the environment to impacted soil and/or groundwater (if present at the site) is considered low at present. However, based on the observations made during the site inspection and the findings of the site historical land use review, historical impacts to soil (and/or groundwater) is a possibility. It is also noted that the general environmental sensitivity of the site is considered

to be moderate due to the presence of remnant (i.e. native) vegetation and groundwater and inflow-dependent ecosystems (i.e. Duncan Creek and the Nepean River), and as such the potential for the referenced areas of concern to impact these ecosystems should be considered.

Given the identification of potential contaminant sources at the site (including fill materials and petroleum/chemical storage and use), further environmental investigation should be conducted to confirm the contamination status of the site. This should include conducting a search of the SafeWork NSW dangerous goods records (noting the presence of ASTs and multiple chemical storage areas at the site), and the collection of environmental samples for laboratory analysis for the relevant COPCs (refer recommendations for further details).

5 Conclusions and Recommendations

5.1 Summary and Conclusions

Based on the site history review and site observations as conducted during this PSI, the following summary and conclusions are provided:

- The site has been used for agricultural land use purposes since at least approximately the 1950s. The site currently comprises a homestead with a garage, sheds, a former dairy shed, silos, two dams, cattle grazing areas and various paddocks with crops;
- The following potential areas of environmental concern were identified at the site:
 - Fill material (either site-sourced re-worked fill or fill from off-site sources) for road construction;
 - Potential hazardous building materials in the building structures; and
 - Historical petroleum storage in ASTs at unsealed and unbunded areas, chemical storage areas associated with agriculture (e.g. petroleum products, herbicides, fungicides, pesticides etc.) and the potential use of herbicides/pesticides in agricultural fields.
- The site is in a moderate sensitivity environmental setting based on the preliminary CSM considering on-site and nearby environmental receptors.

5.2 Recommendations

Based on the results of the PSI, it is recommended that a Detailed Site Investigation (DSI) is undertaken at the site to confirm whether the current or historical activities at the site, and in the surrounding vicinity of the site, have resulted in contamination of the subsurface, and to determine what measures (if any) are required to ensure the site is suitable for the proposed development.

TRACE Environmental also provides the following additional recommendations:

- Based on the age of the buildings at the site, a hazardous material building survey should be conducted prior to demolition works being undertaken;
- In the event that soil is excavated and requires off-site disposal during redevelopment, the soil should be tested and classified in accordance with NSW EPA guidelines prior to disposal; and
- Any imported material brought onto the site for any purpose must be validated as being suitable for the intended land use.

6 References

- Acid Sulfate Soil Management Advisory Committee (ASSMAC) (1998) *Acid Sulfate Soil Manual*, NSW, August 1998.
- *Contaminated Land Management Act 1997*.
- Lotsearch (2020) *Report for 1290 Greendale Park Road, Wallacia, NSW 2745*, 24 June 2020.
- National Environment Protection (*Assessment of Site Contamination*) Measure (NEPM). National Environment Protection Council (NEPC) 1999, Amendment 2013.
- NSW Department of Infrastructure, Planning and Natural Resources, *Salinity Potential in Western Sydney* 2002.
- NSW Department of Urban Affairs and Planning (1998), *Managing Land Contamination: Planning Guidelines: SEPP 55 Remediation of Land*, 1998.
- NSW EPA (1995) *Contaminated Sites Sampling Design Guidelines*. NSW EPA, September 1995.
- NSW EPA (2014) *Waste Classification Guidelines. Part 1: Classifying Waste*. NSW EPA, November 2014.
- NSW EPA (2015) *Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act*. NSW EPA, September 2015.
- NSW EPA (2017) *Guidelines for the NSW Site Auditor Scheme (3rd Edition)*. NSW EPA, October 2017.
- NSW EPA (2020) *Consultants Reporting on Contaminated Land: Contaminated Land Guidelines*. NSW EPA, April 2020.
- NSW Government (2019) *Code of Practice: How to Safely Remove Asbestos*, August 2019.
- NSW Government (2019) *Code of Practice: How to Manage and Control Asbestos in the Workplace*, August 2019.
- Standards Australia (1999), Australian Standard AS 4482.2-1999 - *Guide to the sampling and investigation of potentially contaminated soil. Part 2: Volatile substances*. Standards Australia, Homebush, NSW.
- Standards Australia (2005), Australian Standard AS 4482.1-2005 – *Guide to the investigation and sampling of sites with potentially contaminated soil. Part 1: Non-volatile and semi-volatile compounds*. Standards Australia, Homebush, NSW.

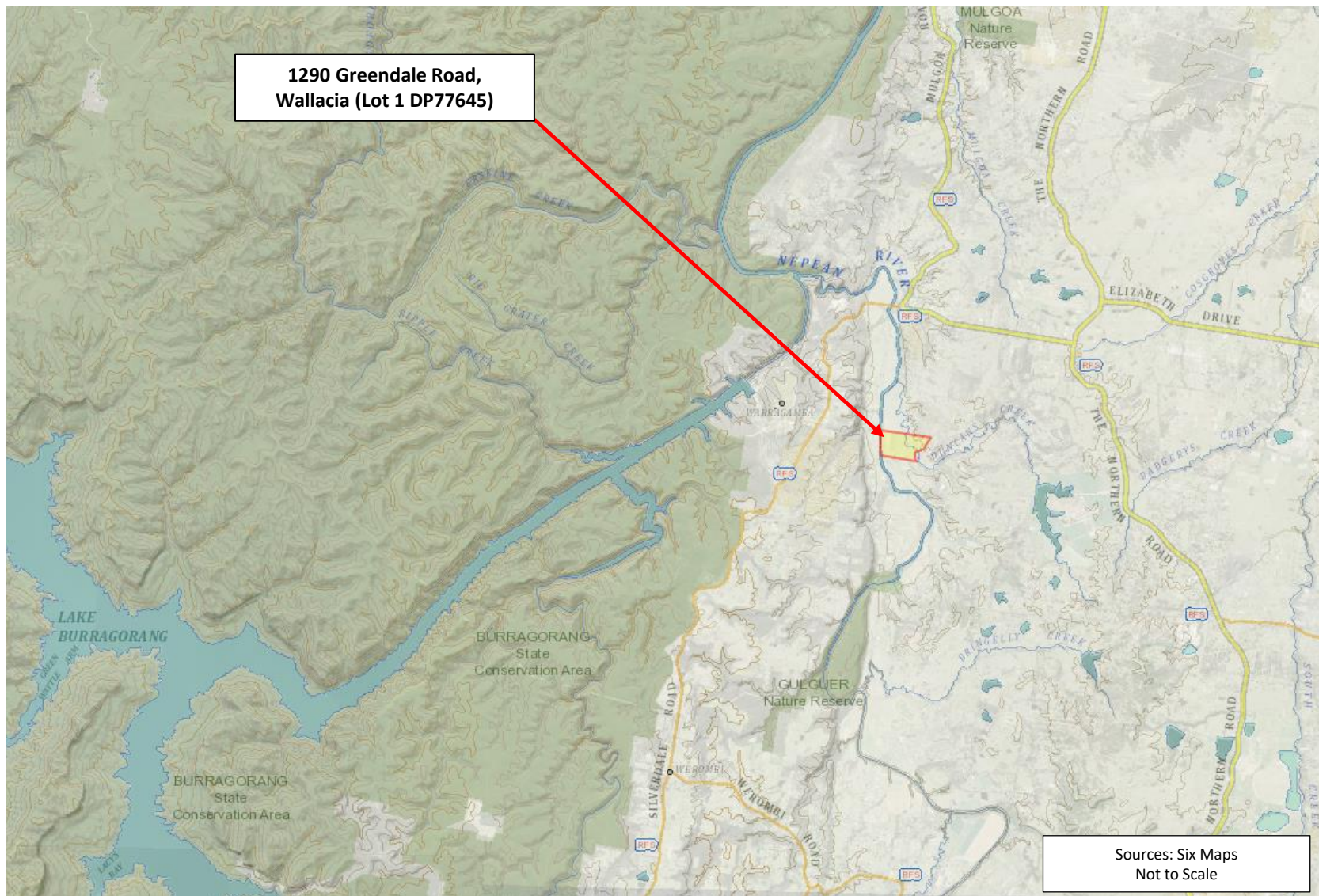
7 Limitations

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

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

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

Figures





Approximate Site Boundary

Source: MetroMap (Image Date: 5/04/2020). Not to Scale



Project: **99.72**

Figure: **2**

Title: **Site Plan & Features**

Address: **1290 Greendale Road, Wallacia NSW**

Appendix A

Site

Photographs



Photograph 1: Main entrance with Homestead. Looking west.



Photograph 2: Fuse Box (Homestead)



Photograph 3: 50 mm PVC riser of a newly constructed well. Looking northwest



Photograph 4: Rainwater tanks at main building. Looking south.



Photograph 5: Septic System. Looking south.



Photograph 6: Main House. Crawl space.



**Photograph 7: View of garage and sheds west of homestead.
Looking south.**



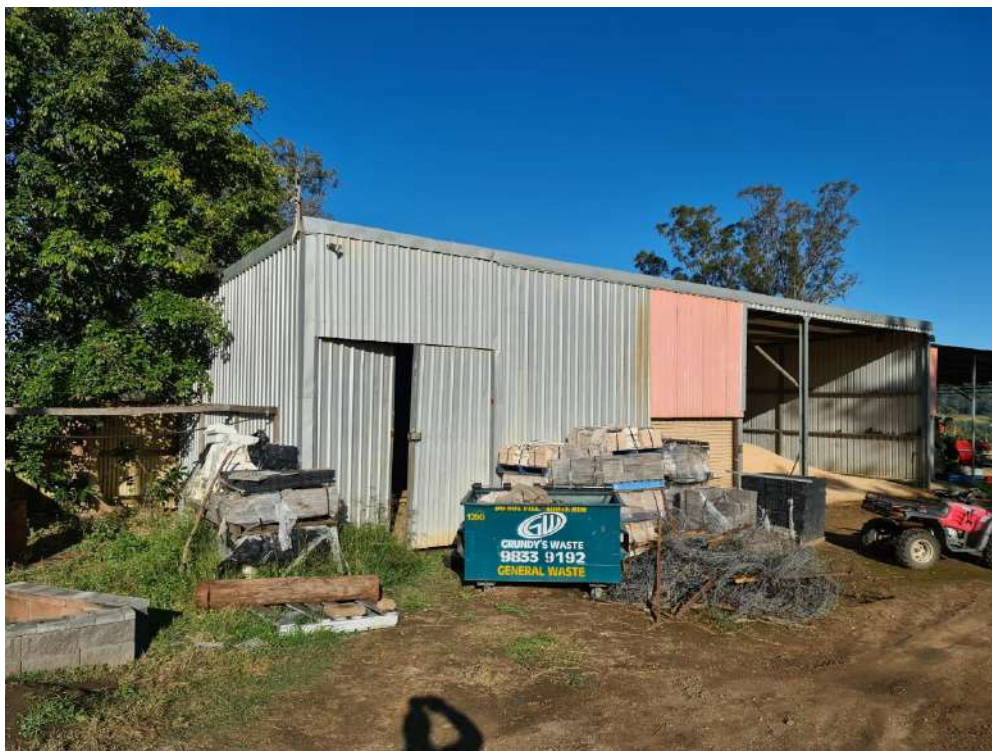
Photograph 8: Inside garage.



Photograph 9: Oil/grease can in front of shed.



Photograph 10: Fire pit and skip bin.



**Photograph 11: Rubbish container and storage outside of sheds.
Looking south.**



Photograph 12: Shed Interior. Various chemicals.



Photograph 13: AST tank with apparent fuel dispenser.



Photograph 14: Another AST tank.



Photograph 15: Cargo container (storage)



Photograph 16: Open shed. Farm equipment, fertilizer and seed storage.



**Photograph 17: Agriculture shed and unsealed driveways.
Looking northwest.**



Photograph 18: Paddocks and dam beyond. Looking west.



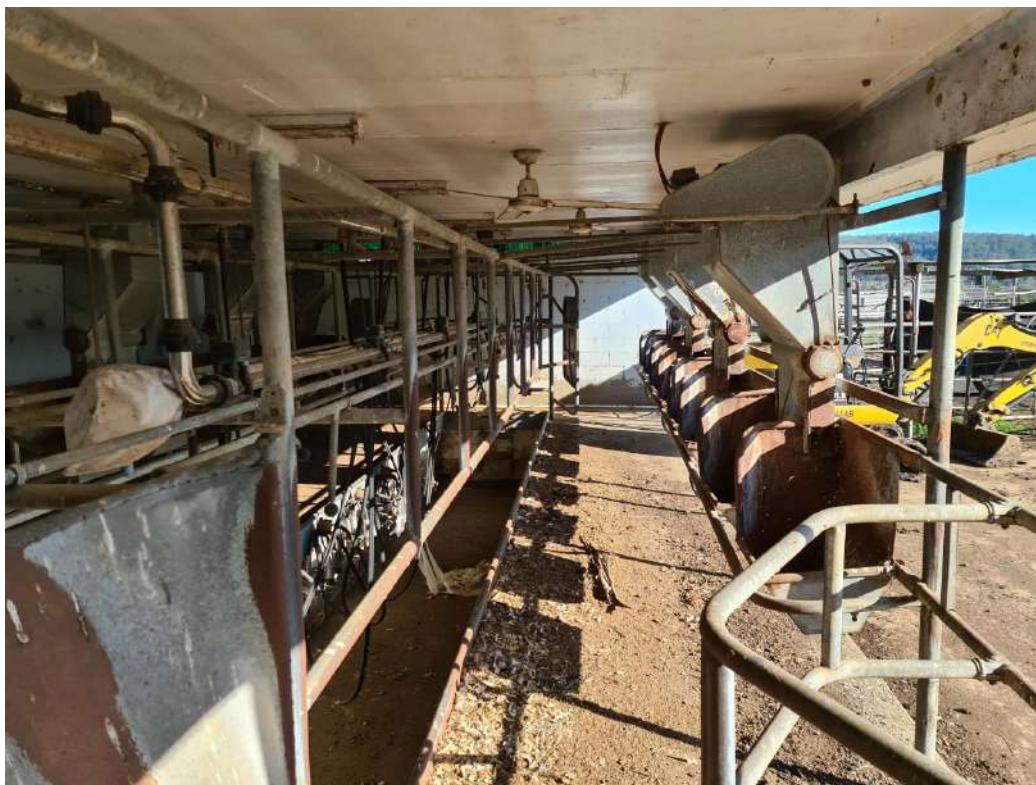
Photograph 19: Main dam and dairy shed beyond. Looking south.



Photograph 20: Dam pump system



Photograph 21: Dairy shed (right) and agricultural shed. Looking south.



Photograph 22: Dairy shed interior



Photograph 23: Milk pumps.



Photograph 24: Chemicals in dairy shed. Acaricide (front) and Blu Gard (teat spray) (back).



Photograph 25: Dairy Shed: sanitiser storage



Photograph 26: Outside the dairy shed. Looking west.



Photograph 27: 50 mm PVC riser of newly constructed groundwater monitoring well.



Photograph 28: Brick and metal dairy sheds. Looking south.



Photograph 29: Interior of brick shed. Disused pump equipment in cage.



Photograph 30: Control panel.



Photograph 31: Interior of disused silo.



Photograph 32: Interior of disused metal silo.



Photograph 33: Duncans Creek looking north.



Photograph 34: Western part of the property. Looking west.



Photograph 35: Soil mounds looking east.



Photograph 36: Field with active crops. Looking northwest.



Photograph 37: Bank of the Nepean River. Looking south.



Photograph 38: Cattle grazing on property. Looking north-west



Photograph 39: Remnant vegetation in southern portion of property. Looking south.



Photograph 40: Fields in western portion of site. Looking north.

Appendix B

Lotsearch Report



LOTSEARCH

LOTSEARCH ENVIRO PROFESSIONAL

Date: 24 Jun 2020 10:02:29

Reference: LS013067 EP

Address: 1290 Greendale Park Road, Wallacia, NSW 2745

Disclaimer:

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

Dataset Listing

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

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features Onsite	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	NSW Department of Finance, Services & Innovation	06/04/2020	06/04/2020	Quarterly	-	-	-	-
Topographic Data	NSW Department of Finance, Services & Innovation	25/06/2019	25/06/2019	As required	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority	15/06/2020	15/06/2020	Monthly	1000	0	0	0
Contaminated Land Records of Notice	Environment Protection Authority	25/05/2020	25/05/2020	Monthly	1000	0	0	0
Former Gasworks	Environment Protection Authority	22/06/2020	11/10/2017	Monthly	1000	0	0	0
National Waste Management Facilities Database	Geoscience Australia	15/05/2020	07/03/2017	Quarterly	1000	0	0	0
National Liquid Fuel Facilities	Geoscience Australia	05/02/2020	13/07/2012	Quarterly	1000	0	0	0
EPA PFAS Investigation Program	Environment Protection Authority	25/05/2020	25/05/2020	Monthly	2000	0	0	0
Defence PFAS Investigation & Management Program - Investigation Sites	Department of Defence	12/02/2020	12/02/2020	Monthly	2000	0	0	0
Defence PFAS Investigation & Management Program - Management Sites	Department of Defence	12/02/2020	12/02/2020	Monthly	2000	0	0	0
Airservices Australia National PFAS Management Program	Airservices Australia	25/05/2020	23/04/2020	Monthly	2000	0	0	0
Defence 3 Year Regional Contamination Investigation Program	Department of Defence	05/06/2020	05/06/2020	Monthly	2000	0	0	0
EPA Other Sites with Contamination Issues	Environment Protection Authority	04/02/2020	13/12/2018	Annually	1000	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority	15/06/2020	15/06/2020	Monthly	1000	0	0	0
Delicensed POEO Activities still regulated by the EPA	Environment Protection Authority	15/06/2020	15/06/2020	Monthly	1000	0	0	0
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority	15/06/2020	15/06/2020	Monthly	1000	5	5	6
UBD Business Directories (Premise & Intersection Matches)	Hardie Grant			Not required	150	0	0	0
UBD Business Directories (Road & Area Matches)	Hardie Grant			Not required	150	-	2	2
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	500	0	0	0
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	500	-	0	0
Points of Interest	NSW Department of Finance, Services & Innovation	30/03/2020	30/03/2020	Quarterly	1000	0	0	6
Tanks (Areas)	NSW Department of Customer Service - Spatial Services	30/03/2020	30/03/2020	Quarterly	1000	0	0	0
Tanks (Points)	NSW Department of Customer Service - Spatial Services	30/03/2020	30/03/2020	Quarterly	1000	0	0	0
Major Easements	NSW Department of Finance, Services & Innovation	30/03/2020	30/03/2020	Quarterly	1000	0	0	0
State Forest	Forestry Corporation of NSW	18/01/2018	18/01/2018	As required	1000	0	0	0
NSW National Parks and Wildlife Service Reserves	NSW Office of Environment & Heritage	21/01/2020	30/09/2019	Annually	1000	0	0	0
Hydrogeology Map of Australia	Commonwealth of Australia (Geoscience Australia)	08/10/2014	17/03/2000	As required	1000	1	1	1
Botany Groundwater Management Zones	NSW Department of Planning, Industry and Environment	15/03/2018	01/10/2005	As required	1000	0	0	0

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features Onsite	No. Features within 100m	No. Features within Buffer
Groundwater Boreholes	NSW Dept. of Primary Industries - Water NSW; Commonwealth of Australia (Bureau of Meteorology)	24/07/2018	23/07/2018	Annually	2000	0	0	33
Geological Units 1:100,000	NSW Department of Planning, Industry and Environment	20/08/2014		None planned	1000	2	-	5
Geological Structures 1:100,000	NSW Department of Planning, Industry and Environment	20/08/2014		None planned	1000	0	-	2
Naturally Occurring Asbestos Potential	NSW Dept. of Industry, Resources & Energy	04/12/2015	24/09/2015	Unknown	1000	0	0	0
Atlas of Australian Soils	Australian Bureau of Agriculture and Resource Economics and Sciences (ABARES)	19/05/2017	17/02/2011	As required	1000	2	2	3
Soil Landscapes	NSW Department of Planning, Industry and Environment	12/08/2014		None planned	1000	3	-	7
Environmental Planning Instrument Acid Sulfate Soils	NSW Department of Planning, Industry and Environment	11/06/2020	01/05/2020	Monthly	500	0	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	19/01/2017	21/02/2013	As required	1000	2	2	2
Dryland Salinity - National Assessment	National Land and Water Resources Audit	18/07/2014	12/05/2013	None planned	1000	1	1	1
Dryland Salinity Potential of Western Sydney	NSW Department of Planning, Industry and Environment	12/05/2017	01/01/2002	None planned	1000	2	2	4
Mining Subsidence Districts	NSW Department of Customer Service - Subsidence Advisory NSW	30/03/2020	30/03/2020	Quarterly	1000	0	0	0
Environmental Planning Instrument SEPP State Significant Precincts	NSW Department of Planning, Industry and Environment	11/06/2020	07/12/2018	Monthly	1000	0	0	0
Environmental Planning Instrument Land Zoning	NSW Department of Planning, Industry and Environment	11/06/2020	05/06/2020	Monthly	1000	1	3	9
Commonwealth Heritage List	Australian Government Department of the Agriculture, Water and the Environment	18/05/2020	20/11/2019	Quarterly	1000	0	0	0
National Heritage List	Australian Government Department of the Agriculture, Water and the Environment	18/05/2020	20/11/2019	Quarterly	1000	1	1	1
State Heritage Register - Curtilages	NSW Department of Planning, Industry and Environment	12/02/2020	09/11/2018	Quarterly	1000	0	0	0
Environmental Planning Instrument Heritage	NSW Department of Planning, Industry and Environment	11/06/2020	05/06/2020	Monthly	1000	0	0	5
Bush Fire Prone Land	NSW Rural Fire Service	04/02/2020	14/12/2019	Quarterly	1000	2	2	3
Remnant Vegetation of the Cumberland Plain	NSW Office of Environment & Heritage	07/10/2014	04/08/2011	Unknown	1000	10	11	20
Ramsar Wetlands of Australia	Department of the Agriculture, Water and the Environment	08/10/2014	24/06/2011	As required	1000	0	0	0
Groundwater Dependent Ecosystems	Bureau of Meteorology	14/08/2017	15/05/2017	Unknown	1000	3	5	6
Inflow Dependent Ecosystems Likelihood	Bureau of Meteorology	14/08/2017	15/05/2017	Unknown	1000	3	5	8
NSW BioNet Species Sightings	NSW Office of Environment & Heritage	22/06/2020	22/06/2020	Weekly	10000	-	-	-

Site Diagram

1290 Greendale Park Road, Wallacia, NSW 2745



Legend <div><div></div> Site Boundary</div> <div><div></div> Internal Parcel Boundaries</div>	Total Area: 738129m ² Total Perimeter: 3793m	
	Scale: 0 25 50 100 150 200 250 Meters	
	Data Sources: Aerial Imagery © Aerometrex Pty Ltd	
Disclaimers: Measurements are approximate only and may have been simplified or smaller lengths removed for readability. Parcels that make up a small percentage of the total site area have not been labelled for increased legibility.	<div><div>Coordinate System: GDA 1994 MGA Zone 56</div><div>Date: 24 June 2020</div></div>	

Contaminated Land

1290 Greendale Park Road, Wallacia, NSW 2745

List of NSW contaminated sites notified to EPA

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

Map Id	Site	Address	Suburb	Activity	Management Class	Status	Location Confidence	Dist (m)	Direction
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

1290 Greendale Park Road, Wallacia, NSW 2745

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

Waste Management & Liquid Fuel Facilities

1290 Greendale Park Road, Wallacia, NSW 2745

National Waste Management Site Database

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

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

Waste Management Facilities Data Source: Geoscience Australia

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National Liquid Fuel Facilities

National Liquid Fuel Facilities within the dataset buffer:

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

National Liquid Fuel Facilities Data Source: Geoscience Australia

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PFAS Investigation & Management Programs

1290 Greendale Park Road, Wallacia, NSW 2745

EPA PFAS Investigation Program

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

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

1290 Greendale Park Road, Wallacia, NSW 2745

Defence 3 Year Regional Contamination Investigation Program

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

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

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

EPA Other Sites with Contamination Issues

1290 Greendale Park Road, Wallacia, NSW 2745

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

1290 Greendale Park Road, Wallacia, NSW 2745

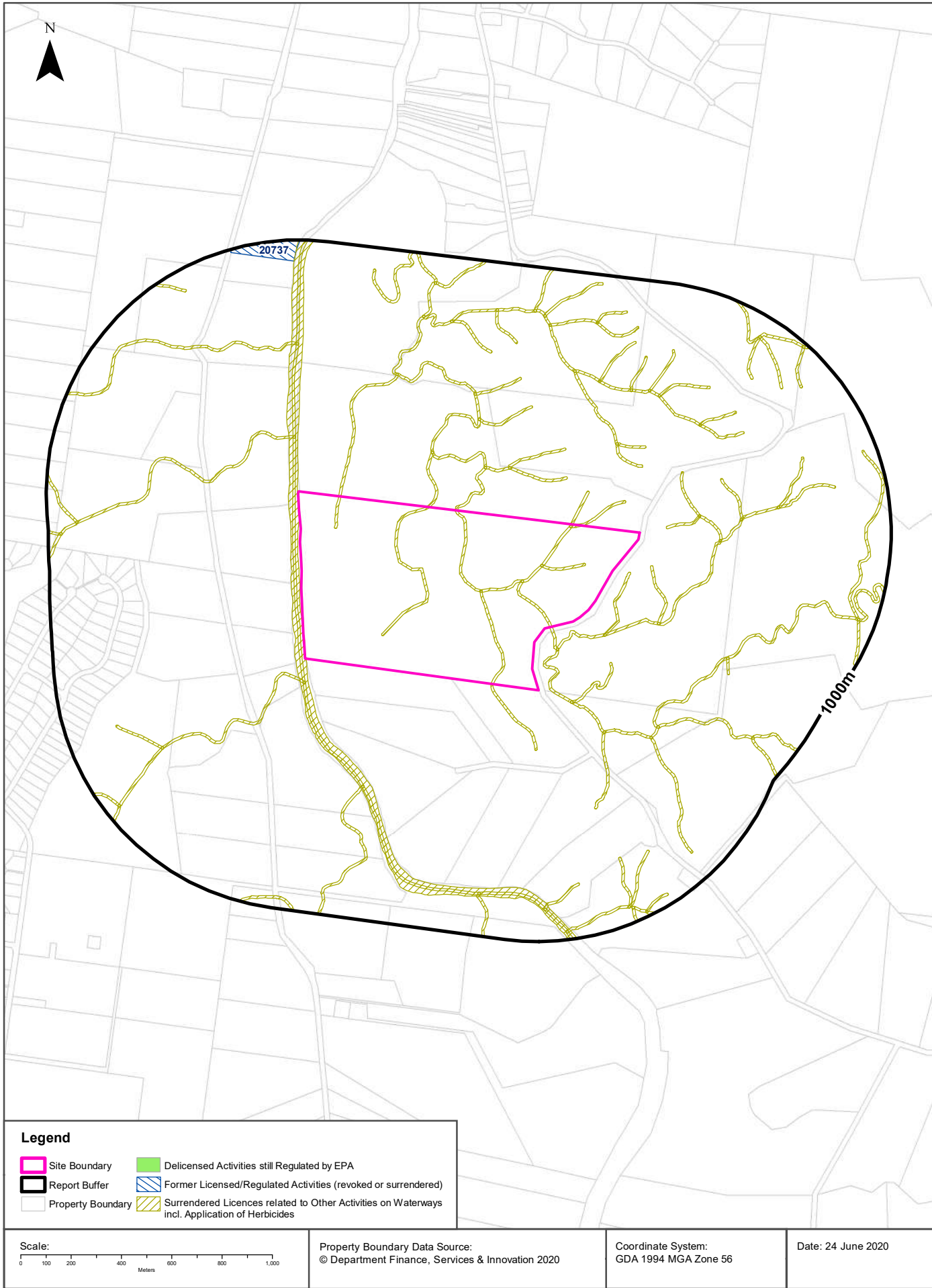
Licensed Activities under the POEO Act 1997

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



EPA Activities

1290 Greendale Park Road, Wallacia, NSW 2745

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

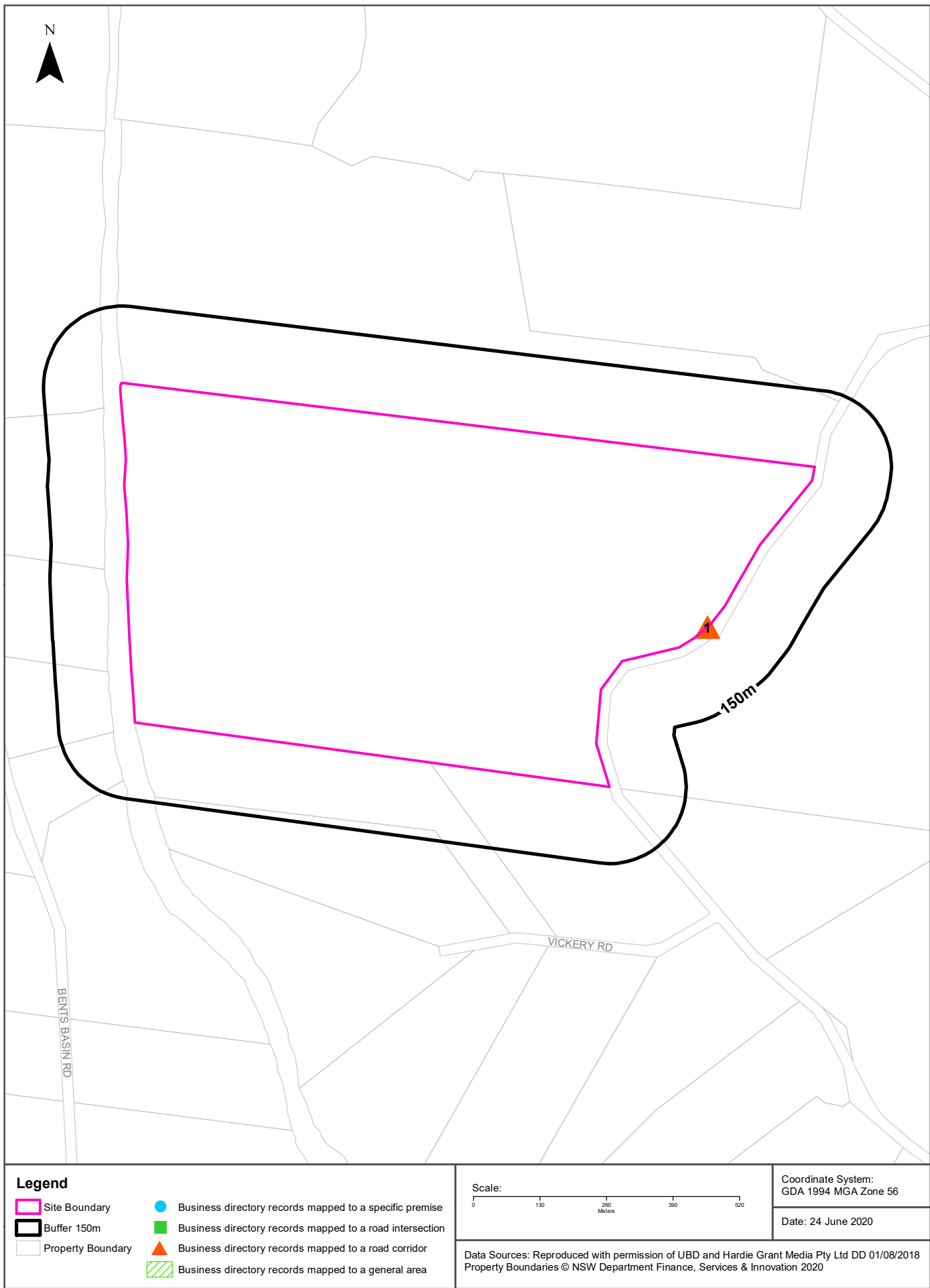
Former Licensed activities under the Protection of the Environment Operations Act 1997, now revoked or surrendered, within the dataset buffer:

Licence No	Organisation	Location	Status	Issued Date	Activity	Loc Conf	Distance	Direction
4390	WOLLONDILLY SHIRE COUNCIL	WATERWAYS OF WOLLONDILLY SHIRE COUNCIL	Surrendered	07/09/2000	Other Activities	Network of Features	0m	Onsite
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered	06/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	Onsite
4838	Robert Orchard	Various Waterways throughout New South Wales - SYDNEY NSW 2000	Surrendered	07/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	Onsite
5176	LIVERPOOL CITY COUNCIL	WATERWAYS OF LIVERPOOL CITY	Surrendered	17/04/2001	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	Onsite
6630	SYDNEY WEED & PEST MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW - PROSPECT, NSW, 2148	Surrendered	09/11/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	Onsite
20737	Wallacia Soils Pty Limited	, 205 Bents Basin Road, WALLACIA, NSW 2745,	Surrendered	06/04/2017	Recovery of general waste; Waste storage - other types of waste	Premise Match	915m	North West

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

Historical Business Directories

1290 Greendale Park Road, Wallacia, NSW 2745



Historical Business Directories

1290 Greendale Park Road, Wallacia, NSW 2745

Business Directory Records 1950-1991 Premise or Road Intersection Matches

Universal Business Directory records from years 1991, 1986, 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
	No records in buffer						

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Business Directory Records 1950-1991

Road or Area Matches

Universal Business Directory records from years 1991, 1986, 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	HOMES & INSTITUTIONS	Hopewood Health Centre, Greendale Rd. Wallacia	536990	1970	Road Match	0m
	HOSPITALS &/OR HEALTH CENTRES	Hopewood Health Centre, Greendale Rd. Wallacia	536991	1970	Road Match	0m

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Historical Business Directories

1290 Greendale Park Road, Wallacia, NSW 2745

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

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

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

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
	No records in buffer						

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

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

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

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
	No records in buffer					

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Aerial Imagery 2020

1290 Greendale Park Road, Wallacia, NSW 2745



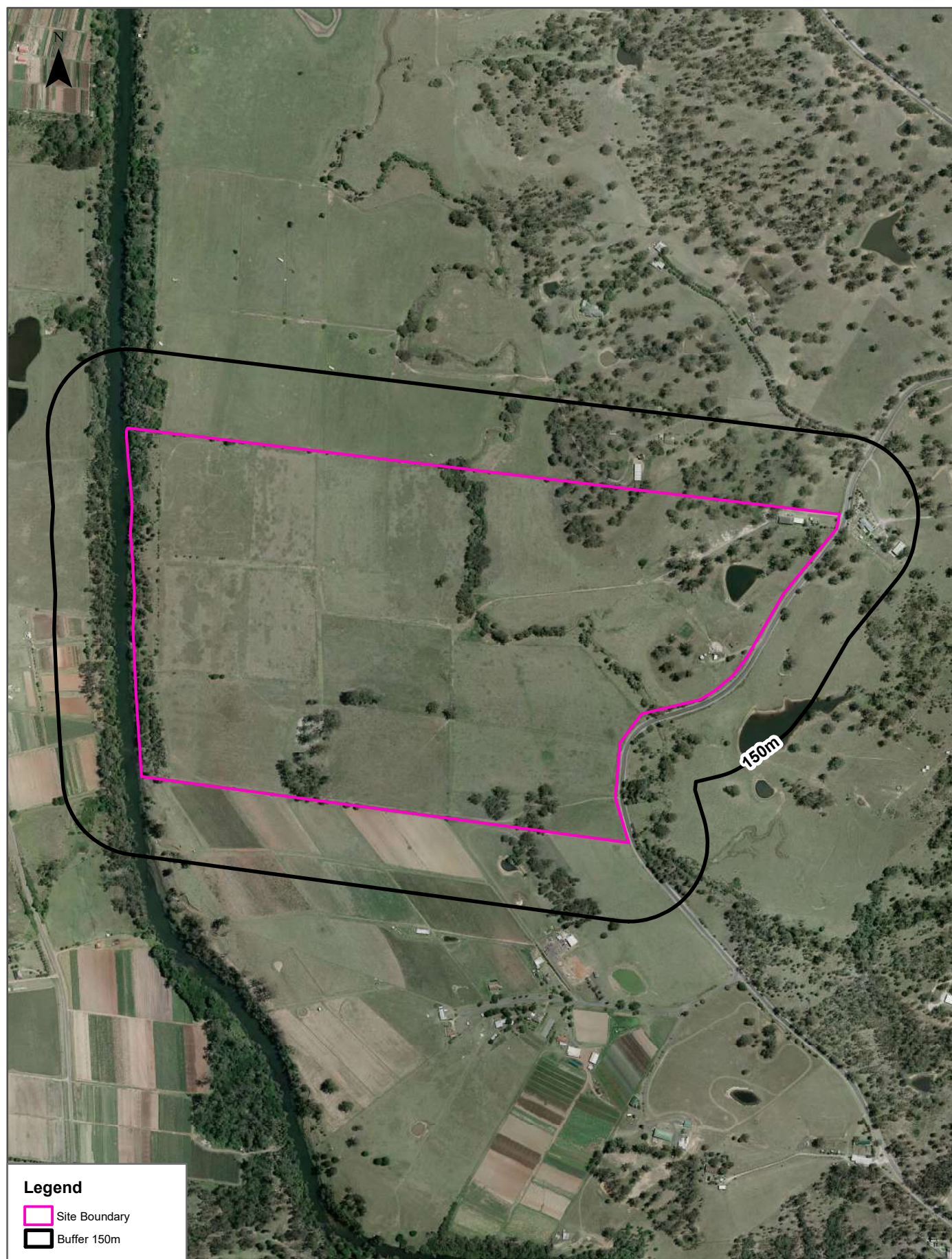
Aerial Imagery 2015

1290 Greendale Park Road, Wallacia, NSW 2745



Aerial Imagery 2009

1290 Greendale Park Road, Wallacia, NSW 2745



Scale:
0 110 220 330 440
Meters

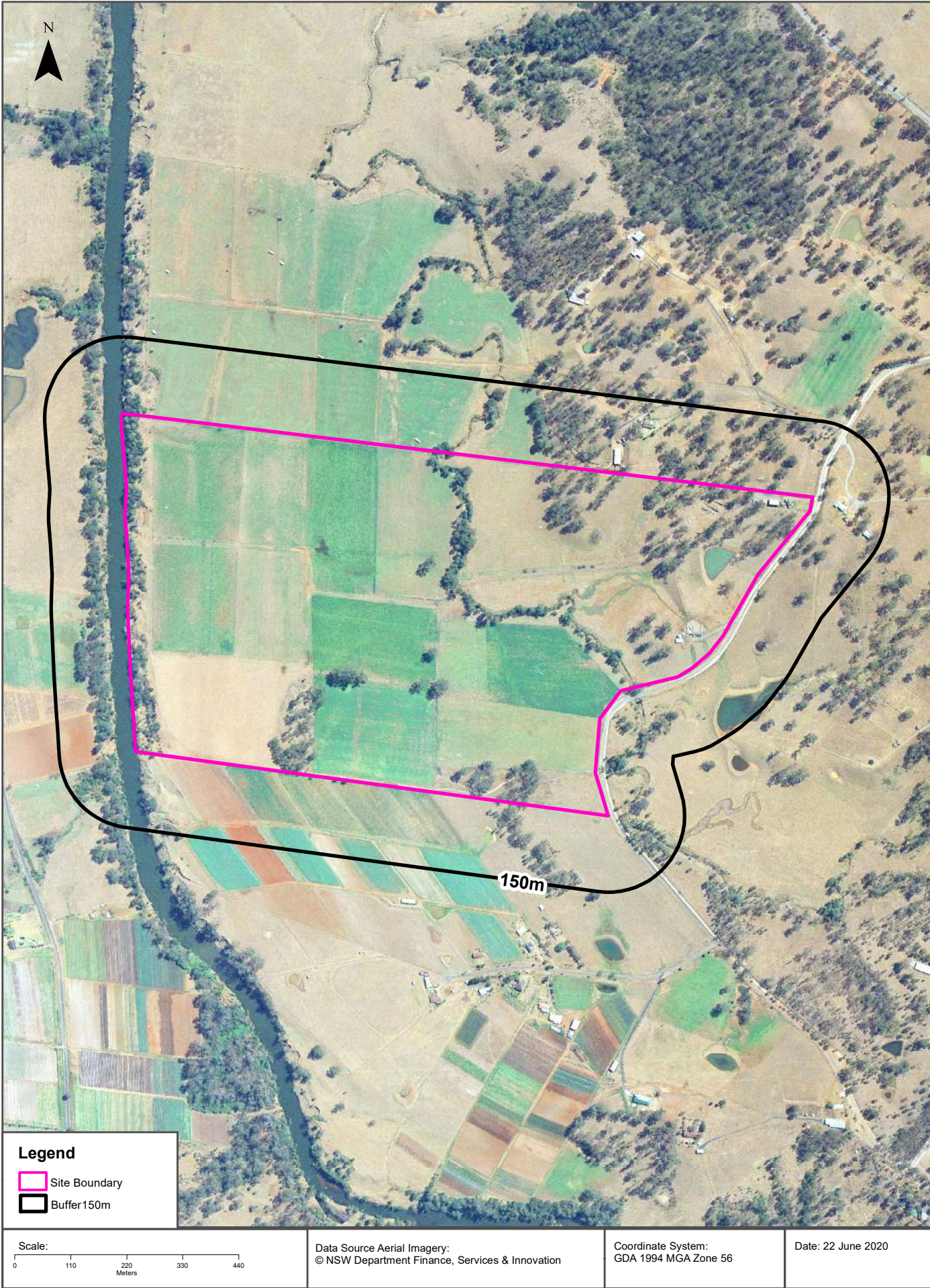
Data Sources: Aerial Imagery © Aerometrex Pty Ltd

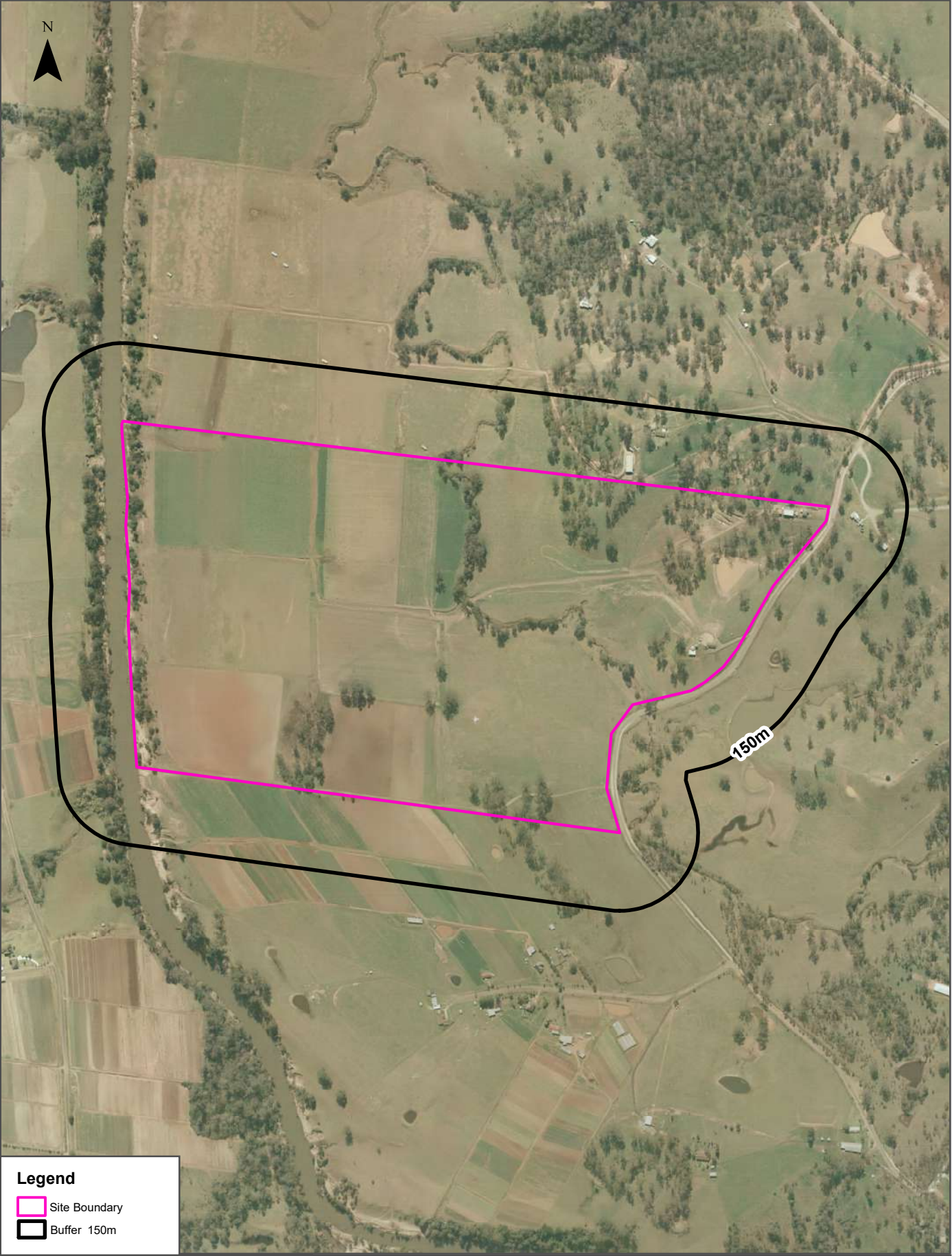
Coordinate System:
GDA 1994 MGA Zone 56

Date: 24 June 2020

Aerial Imagery 1994

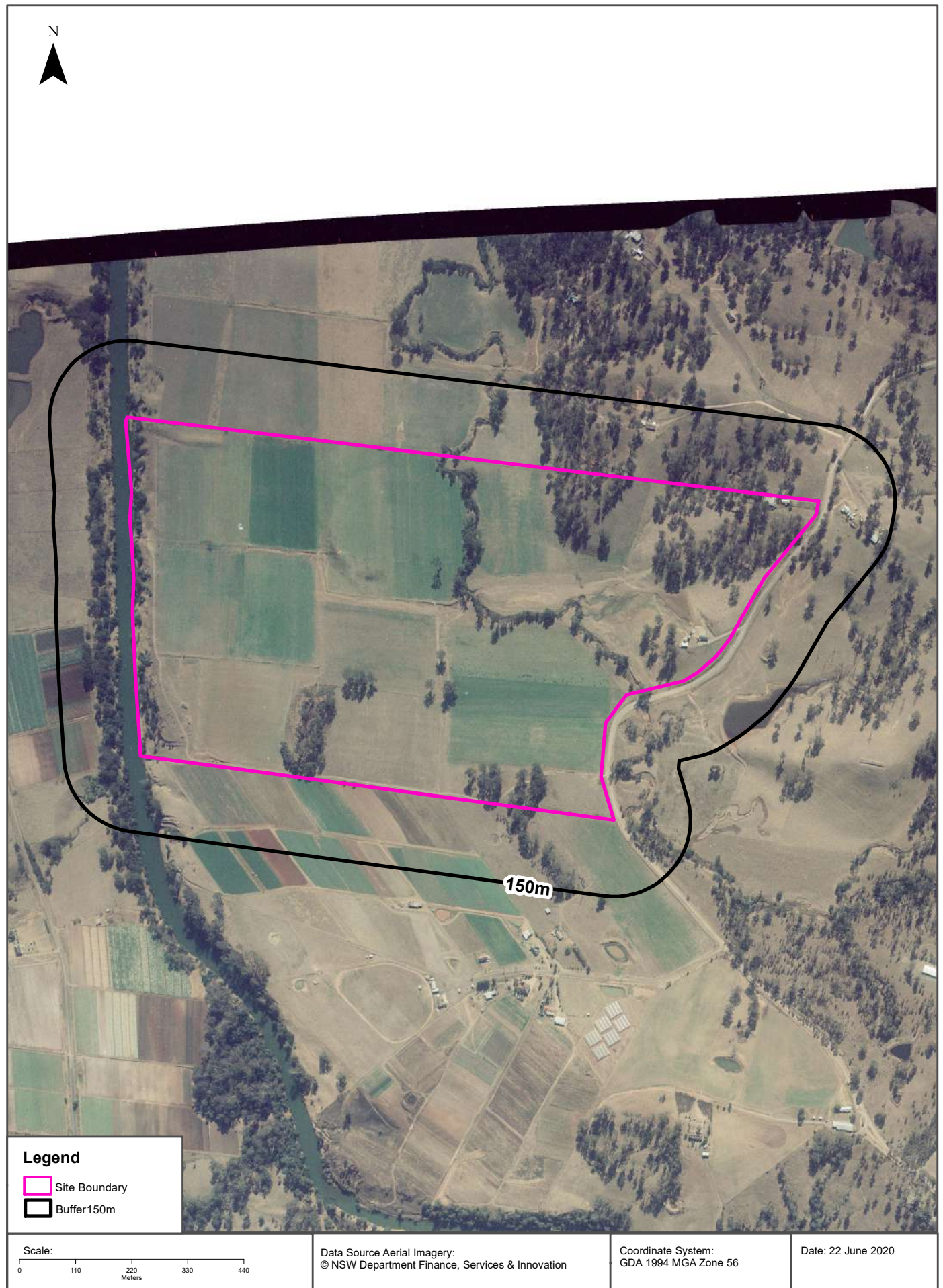
1290 Greendale Park Road, Wallacia, NSW 2745





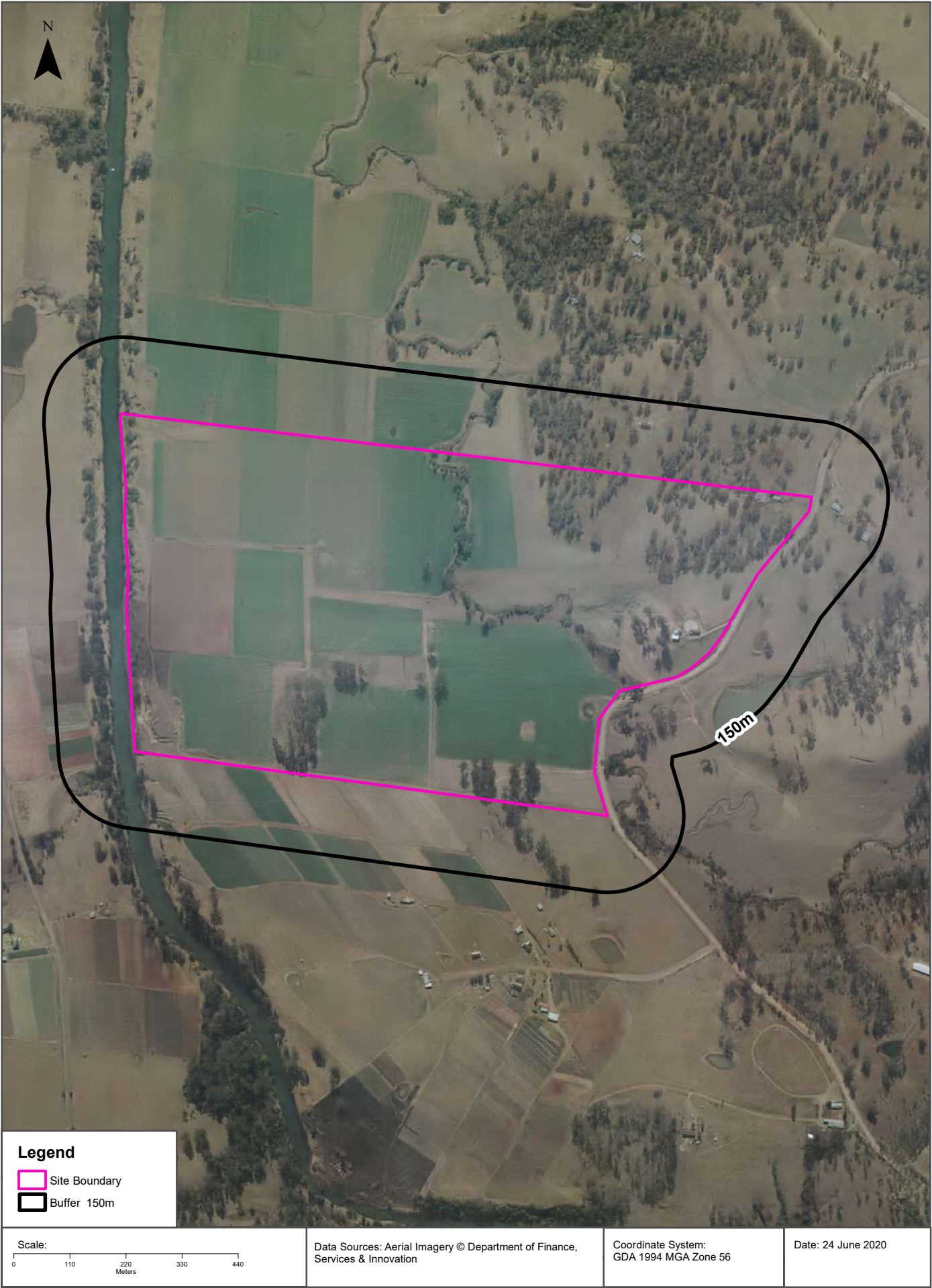
Aerial Imagery 1986

1290 Greendale Park Road, Wallacia, NSW 2745



Aerial Imagery 1982

1290 Greendale Park Road, Wallacia, NSW 2745



Aerial Imagery 1978

1290 Greendale Park Road, Wallacia, NSW 2745



Scale: 0 110 220 330 440 Meters	Data Source Aerial Imagery: © NSW Department Finance, Services & Innovation	Coordinate System: GDA 1994 MGA Zone 56	Date: 22 June 2020
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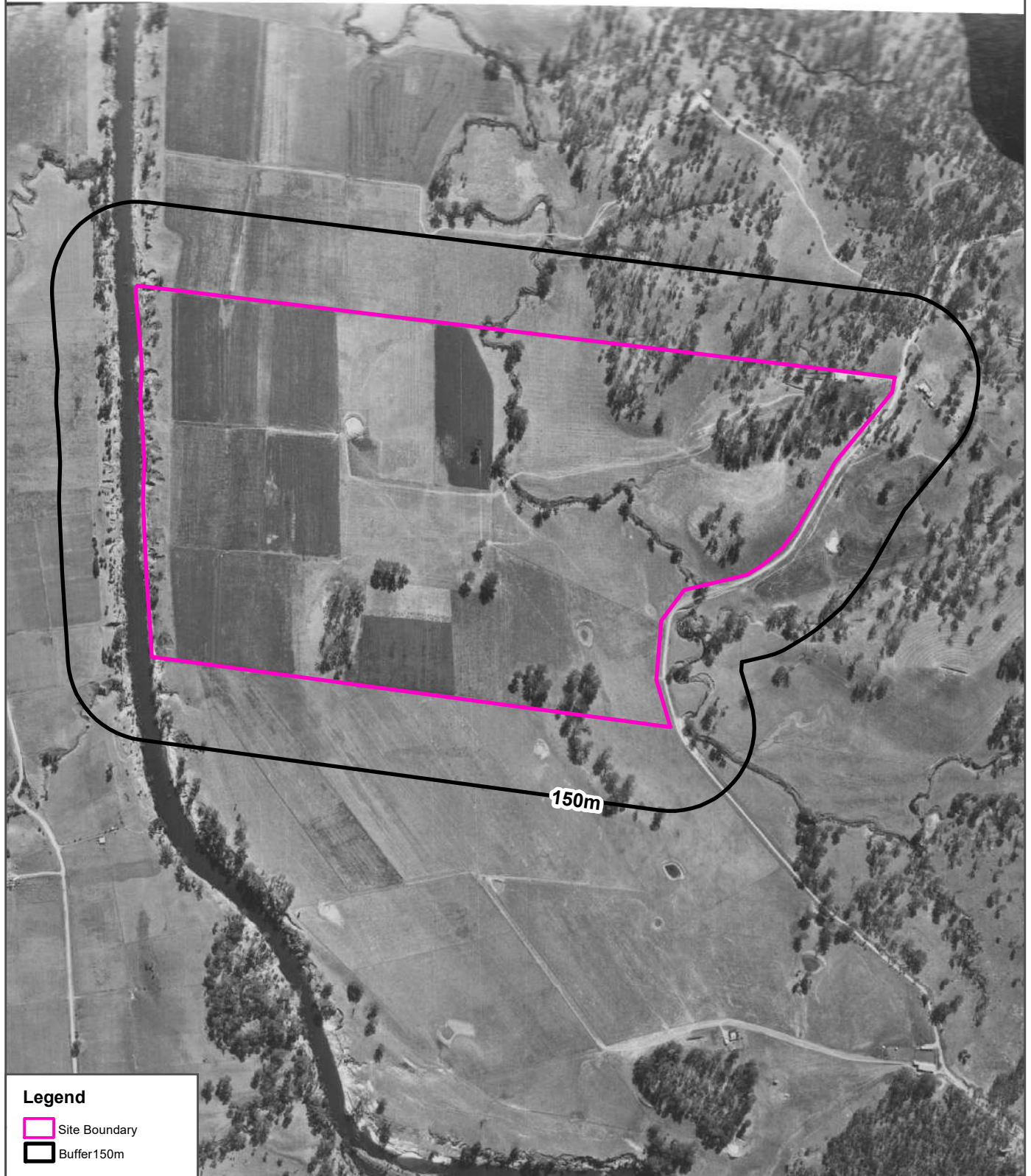
Aerial Imagery 1970

1290 Greendale Park Road, Wallacia, NSW 2745



Aerial Imagery 1965

1290 Greendale Park Road, Wallacia, NSW 2745



Scale:
0 110 220 330 440
Meters

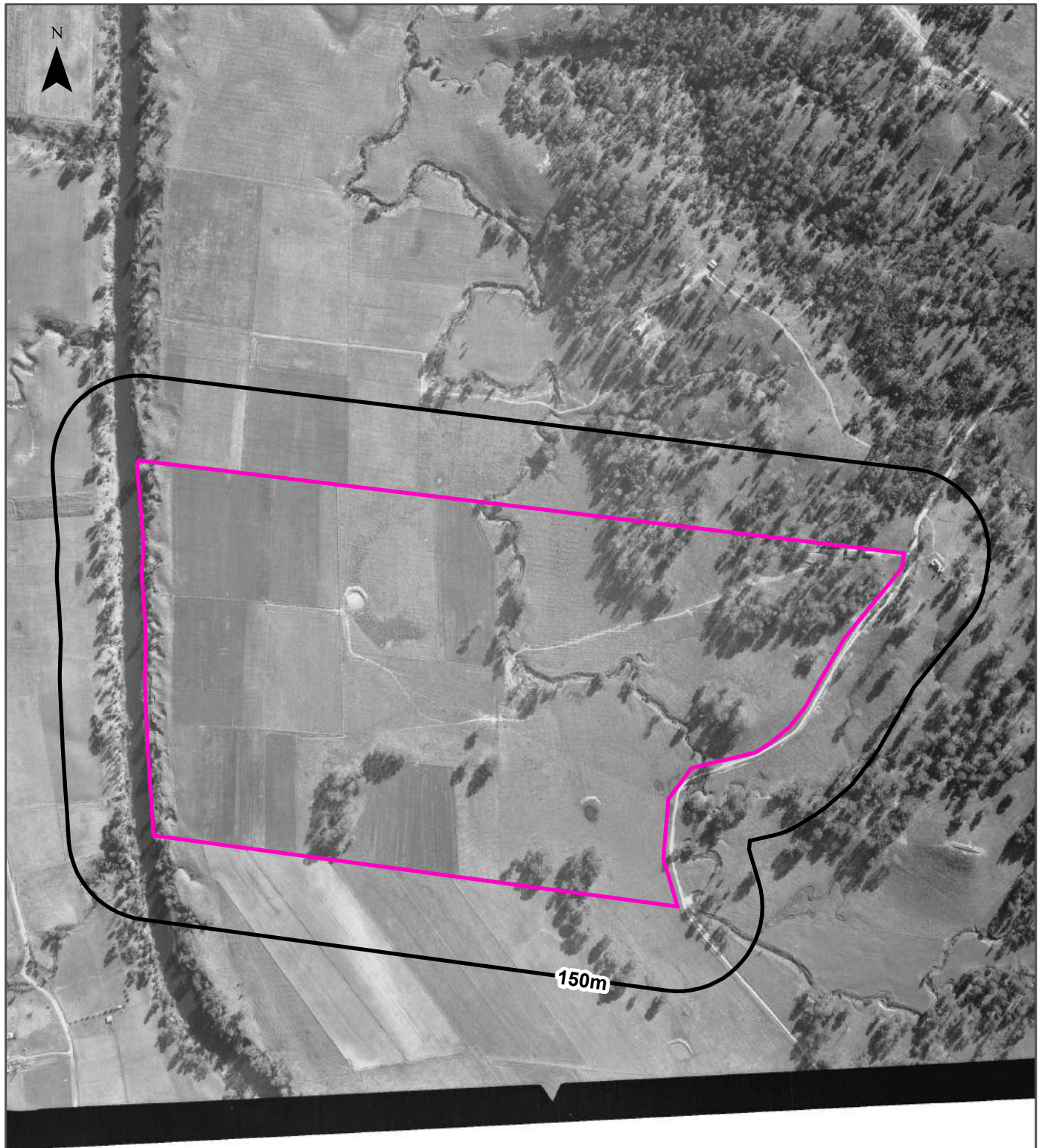
Data Source Aerial Imagery:
© NSW Department Finance, Services & Innovation

Coordinate System:
GDA 1994 MGA Zone 56

Date: 22 June 2020

Aerial Imagery 1961

1290 Greendale Park Road, Wallacia, NSW 2745



Legend

- Site Boundary
- Buffer 150m

Scale:
0 110 220 330 440
Meters

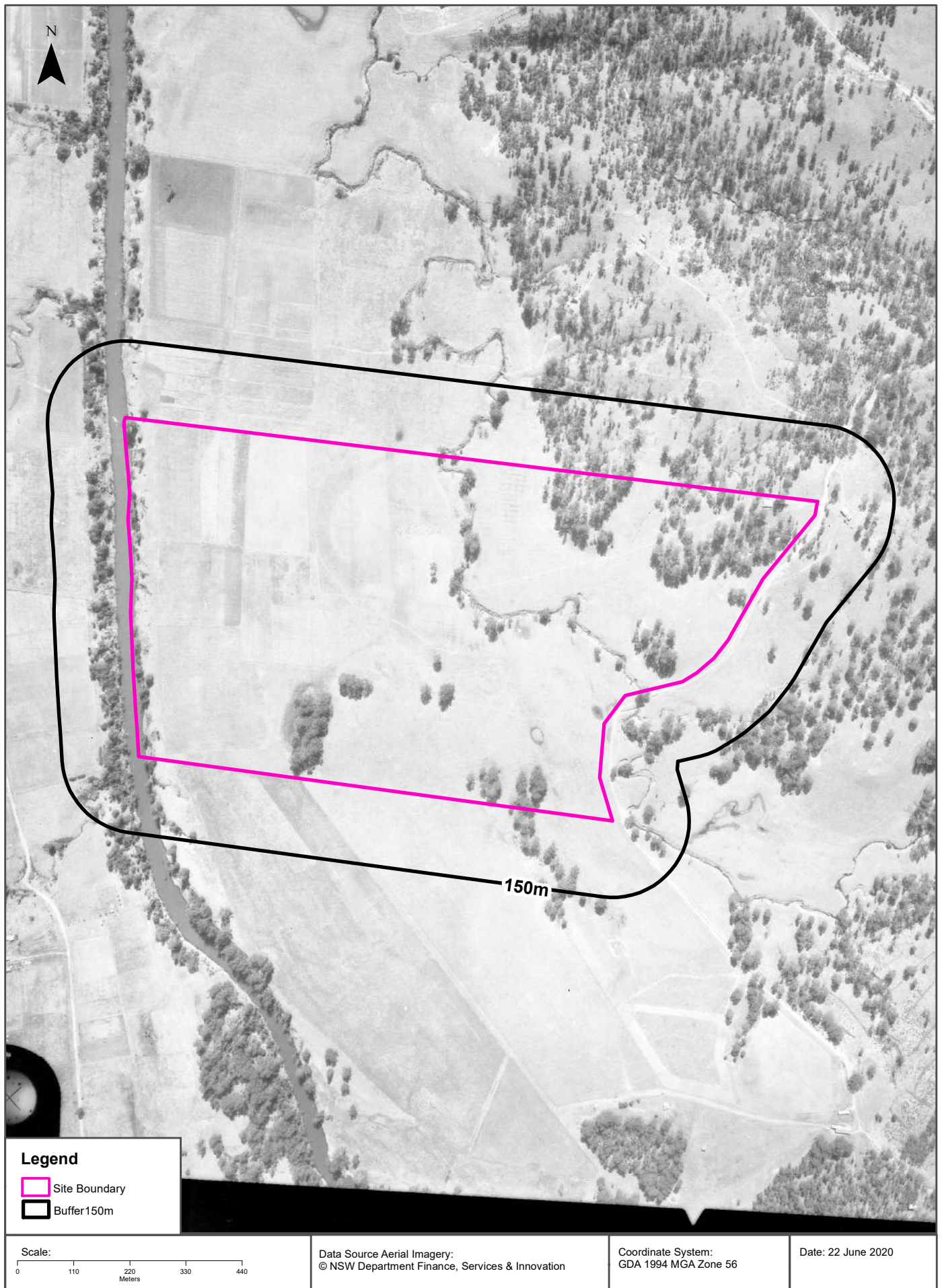
Data Source Aerial Imagery:
© NSW Department Finance, Services & Innovation

Coordinate System:
GDA 1994 MGA Zone 56

Date: 22 June 2020

Aerial Imagery 1955

1290 Greendale Park Road, Wallacia, NSW 2745



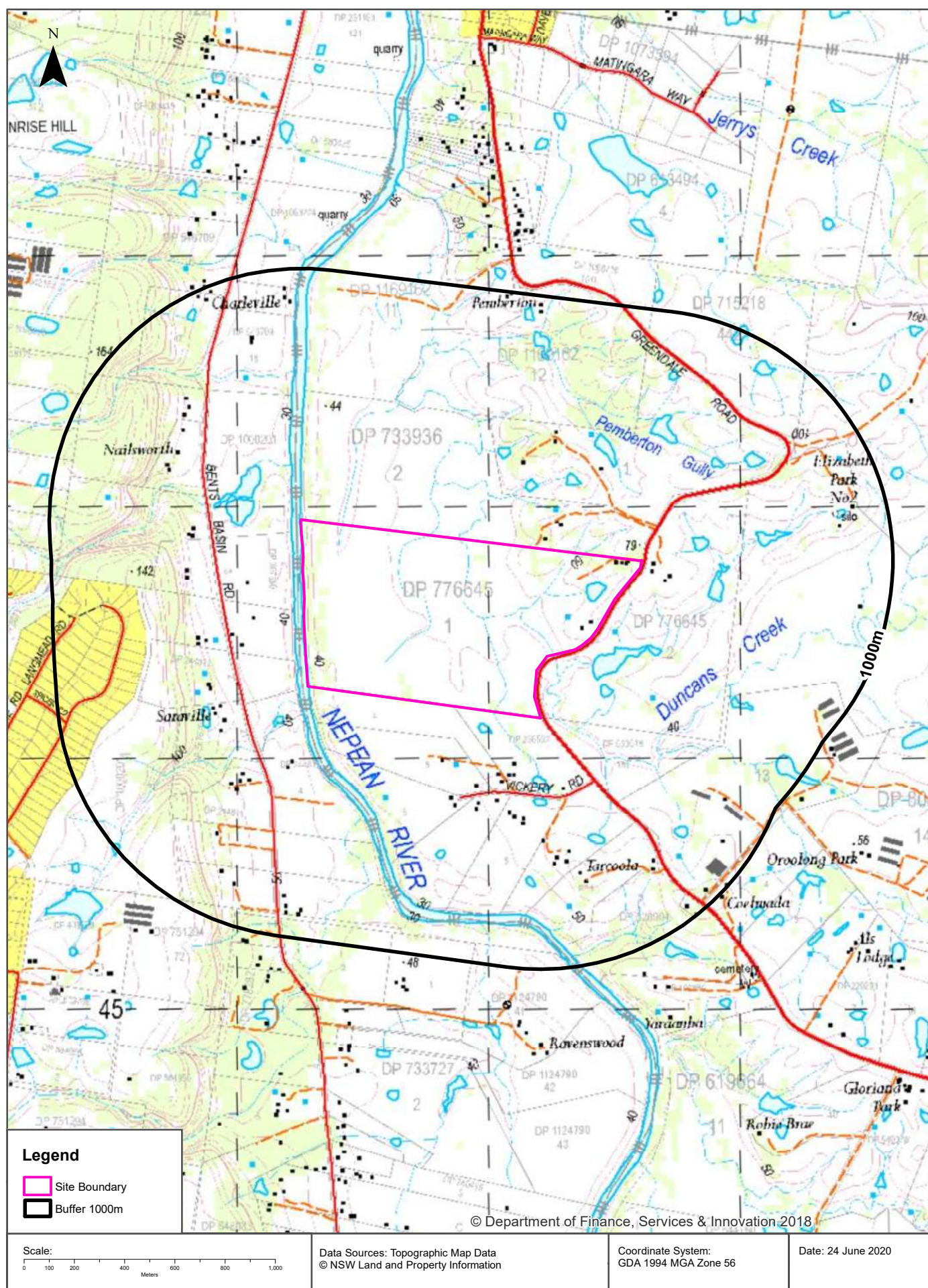
Aerial Imagery 1949

1290 Greendale Park Road, Wallacia, NSW 2745



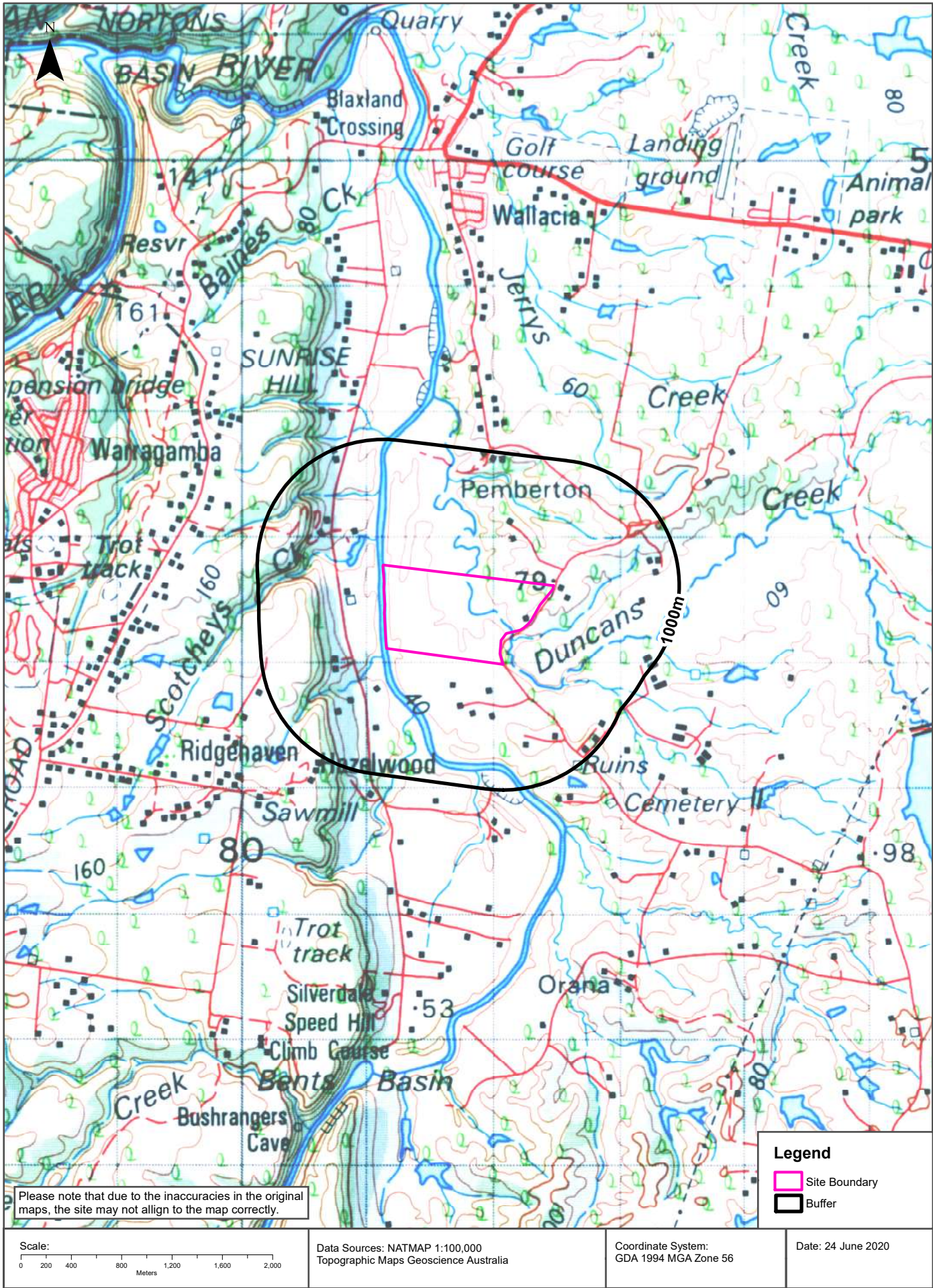
Topographic Map 2015

1290 Greendale Park Road, Wallacia, NSW 2745



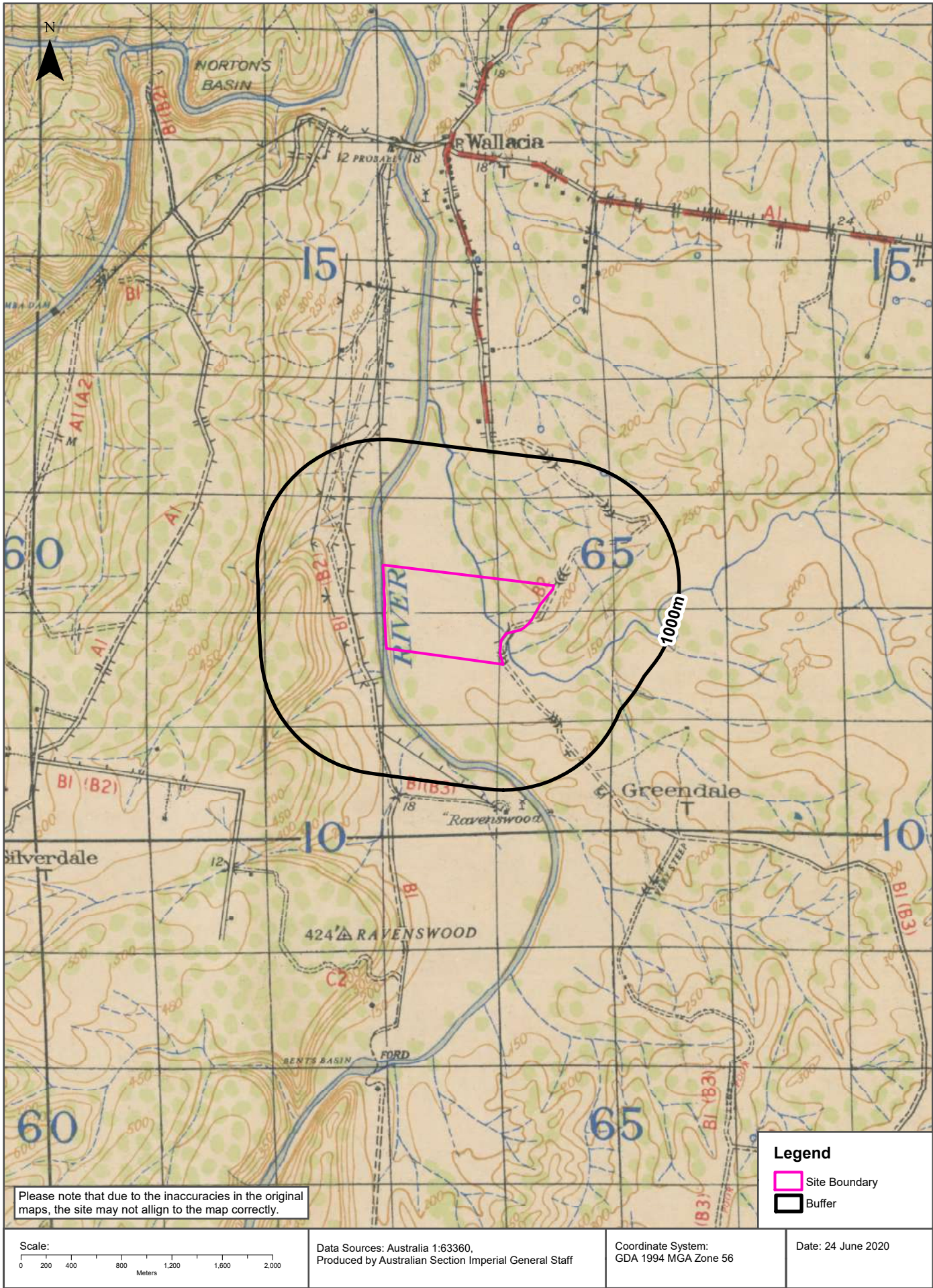
Historical Map 1975

1290 Greendale Park Road, Wallacia, NSW 2745



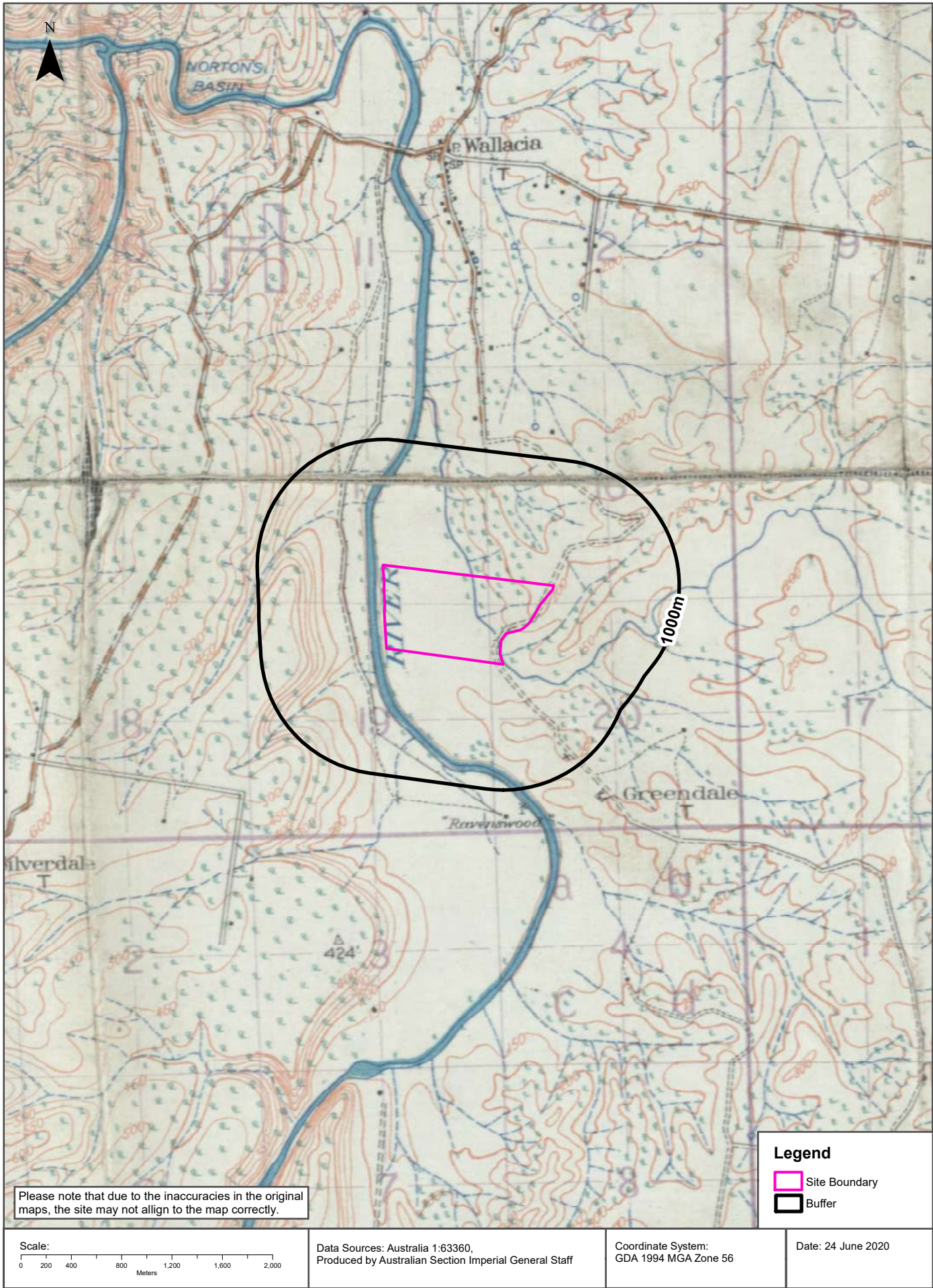
Historical Map c.1942

1290 Greendale Park Road, Wallacia, NSW 2745



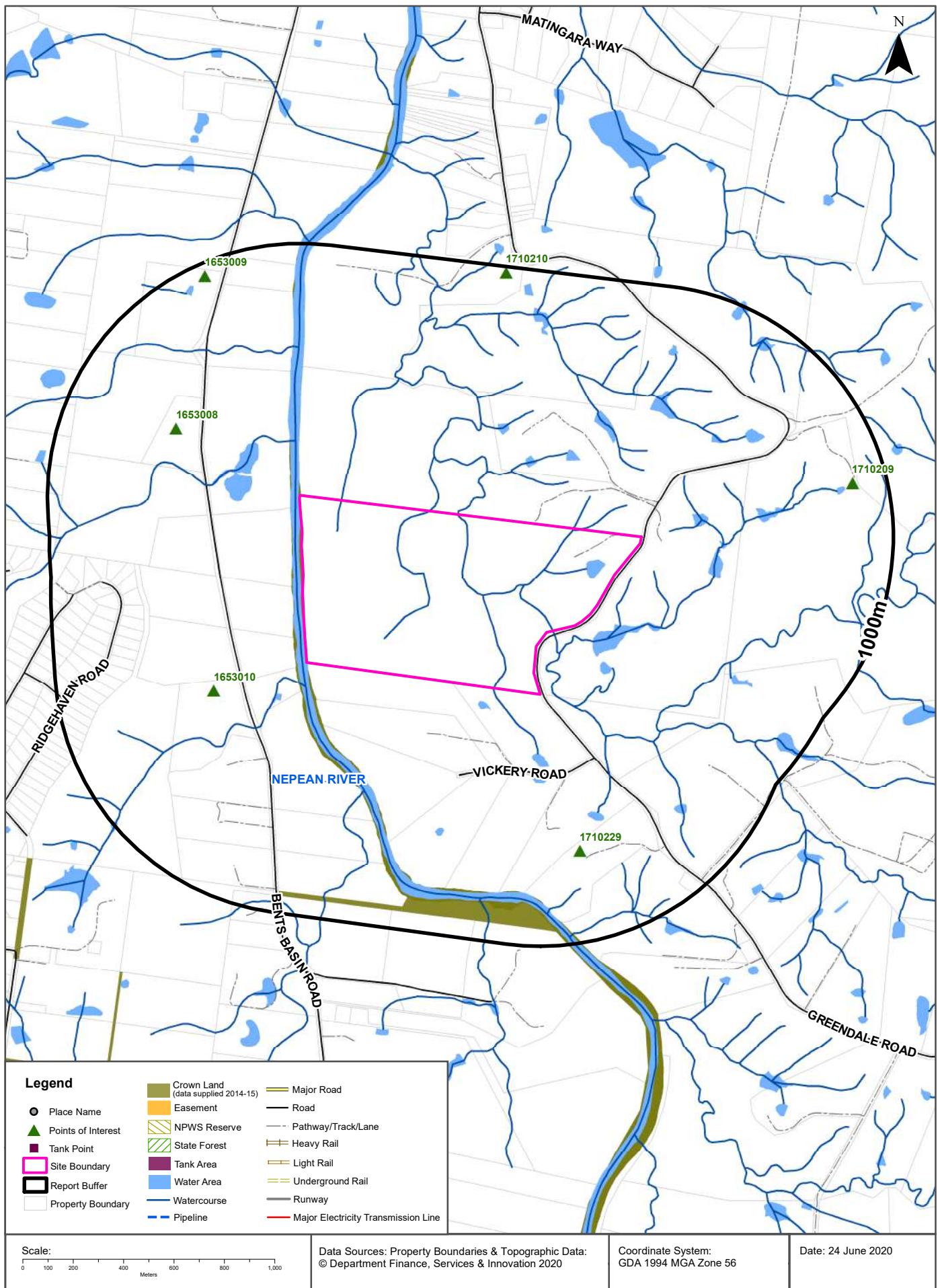
Historical Map c.1929

1290 Greendale Park Road, Wallacia, NSW 2745



Topographic Features

1290 Greendale Park Road, Wallacia, NSW 2745



Topographic Features

1290 Greendale Park Road, Wallacia, NSW 2745

Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
1653010	Homestead	SARAVILLE	385m	South West
1653008	Homestead	NAILSWORTH	558m	North West
1710229	Homestead	TARCOOLA	640m	South East
1710209	Homestead	ELIZABETH PARK NO2	862m	East
1653009	Homestead	CHARLEVILLE	949m	North West
1710210	Homestead	PEMBERTON	976m	North

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

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Topographic Features

1290 Greendale Park Road, Wallacia, NSW 2745

Tanks (Areas)

What are the Tank Areas located within the dataset buffer?

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

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

Tanks (Points)

What are the Tank Points located within the dataset buffer?

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

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

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

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Major Easements

What Major Easements exist within the dataset buffer?

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

Map Id	Easement Class	Easement Type	Easement Width	Distance	Direction
N/A	No records in buffer				

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

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Topographic Features

1290 Greendale Park Road, Wallacia, NSW 2745

State Forest

What State Forest exist within the dataset buffer?

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

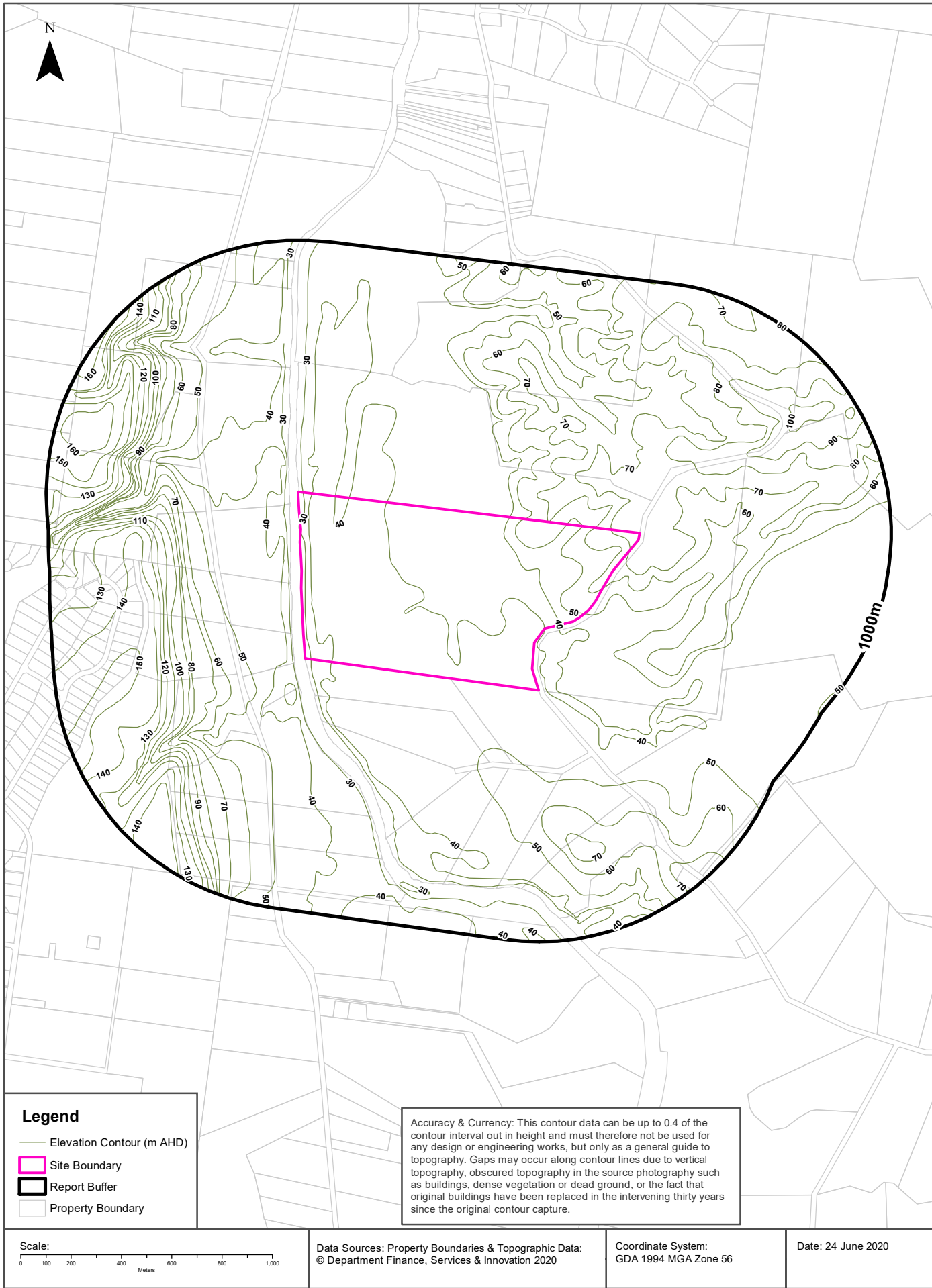
State Forest Data Source: © NSW Department of Finance, Services & Innovation (2018)
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

National Parks and Wildlife Service Reserves

What NPWS Reserves exist within the dataset buffer?

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

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

1290 Greendale Park Road, Wallacia, NSW 2745

Hydrogeology

Description of aquifers on-site:

Description
Porous, extensive aquifers of low to moderate productivity

Description of aquifers within the dataset buffer:

Description
Porous, extensive aquifers of low to moderate productivity

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

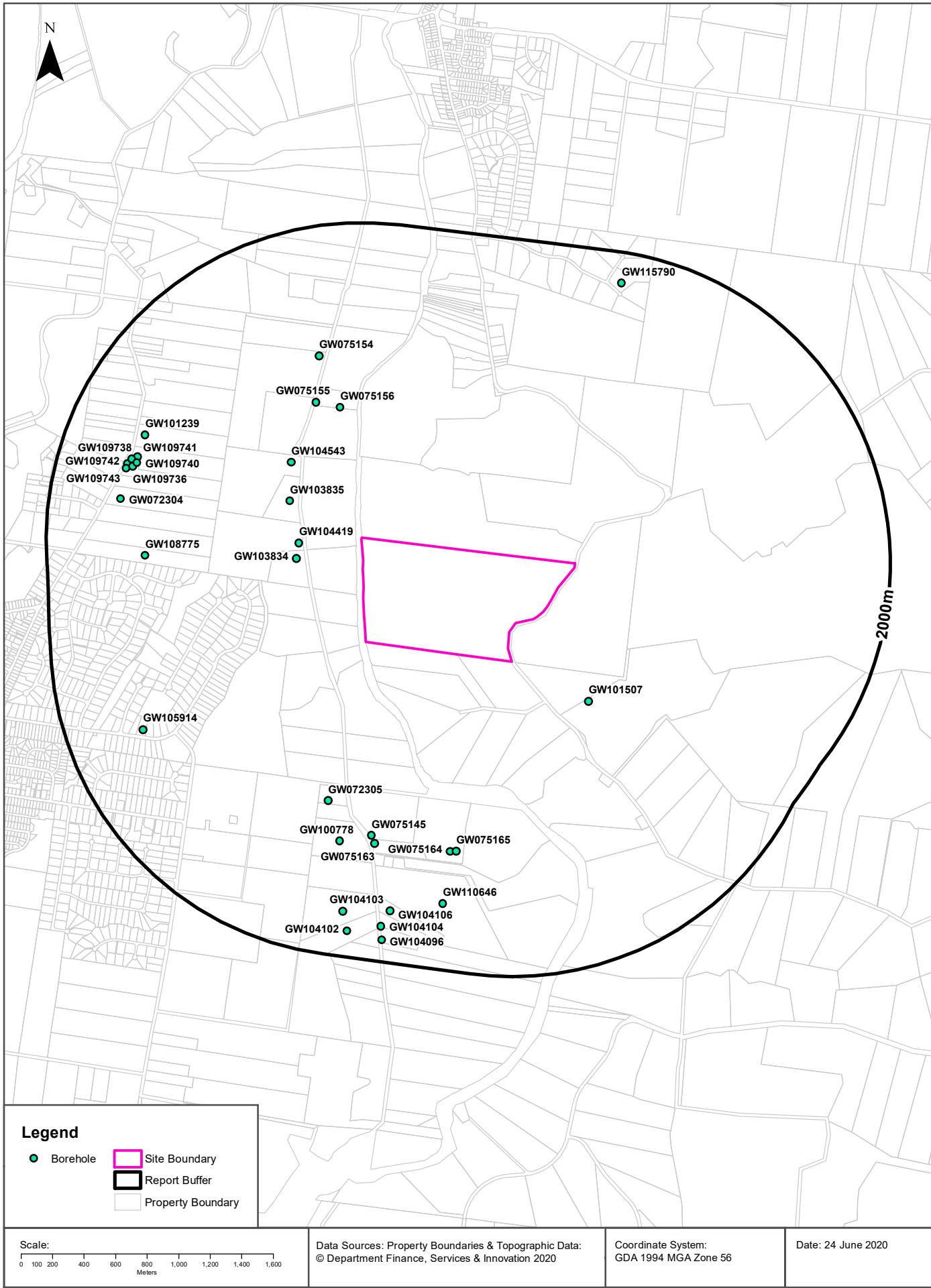
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Botany Groundwater Management Zones

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

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

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



Hydrogeology & Groundwater

1290 Greendale Park Road, Wallacia, NSW 2745

Groundwater Boreholes

Boreholes within the dataset buffer:

GW No.	Licence No	Work Type	Owner Type	Authorised Purpose	Intended Purpose	Name	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m bgl)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW104 419	10BL160 801, 10WA11 0820	Bore	Private	Domestic, Stock	Domestic, Stock		26/05/1998	79.00	79.00		18.00	1.700		395m	West
GW103 834	10BL158 592, 10WA11 0479	Bore	Private	Domestic, Farming, Stock	Domestic, Farming, Stock		28/05/1998	48.80	49.00		9.00	5.000		421m	West
GW103 835	10BL158 593, 10WA11 0480	Bore	Private	Domestic, Farming, Stock	Domestic, Farming, Stock		30/04/1998	48.80	49.00		9.00	5.000		508m	North West
GW101 507	10BL158 134, 10WA10 9359	Bore	Private	Industrial	Industrial		04/07/1997	114.00	114.00	1220	18.00	1.000		549m	South East
GW104 543	10BL160 818, 10WA11 0823	Bore	Private	Domestic, Stock	Domestic, Stock		09/06/1998	42.70	42.70		6.00	7.000		653m	North West
GW075 156	10BL600 401, 10CA11 7211, 10CA11 7212, 10CA11 7213, 10CA11 7219, 10WM00 0003	Bore	Other Govt	Monitoring Bore, Town Water Supply	Monitoring Bore		09/10/2007	16.00	16.00					837m	North West
GW075 155	10BL600 402, 10CA11 7211, 10CA11 7212, 10CA11 7213, 10CA11 7219, 10WM00 0003	Bore	Other Govt	Test Bore, Town Water Supply	Test Bore, Town Water Supply		13/07/2006	276.00	276.00					905m	North West
GW072 305		Bore open thru rock	Private		Domestic, Stock			32.00	32.00	Good				1037m	South West
GW075 154	10BL600 402, 10CA11 7211, 10CA11 7212, 10CA11 7213, 10CA11 7219, 10WM00 0003	Bore	Other Govt	Test Bore, Town Water Supply	Test Bore, Town Water Supply		17/07/2006	258.00	258.00			20.00		1183m	North West

GW No.	Licence No	Work Type	Owner Type	Authorised Purpose	Intended Purpose	Name	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m bgl)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW075 145	10CA11 7211, 10CA11 7212, 10CA11 7213, 10CA11 7219, 10WM00 0003	Bore	Other Govt	Town Water Supply	Monitoring Bore		14/06/2007	8.00	8.00					1214m	South
GW075 165	10CA11 7211, 10CA11 7212, 10CA11 7213, 10CA11 7219, 10WM00 0003	Bore	Other Govt	Town Water Supply	Monitoring Bore		27/07/2007	18.00	18.00			0.200		1240m	South
GW075 164	10CA11 7211, 10CA11 7212, 10CA11 7213, 10CA11 7219, 10WM00 0003	Bore	Other Govt	Town Water Supply	Test Bore, Town Water Supply		30/07/2007	300.00	300.00			27.00 0		1248m	South
GW075 163	10CA11 7211, 10CA11 7212, 10CA11 7213, 10CA11 7219, 10WM00 0003	Bore	Other Govt	Town Water Supply	Test Bore, Town Water Supply		27/07/2007	300.00	300.00			16.30 0		1262m	South
GW100 778	10BL158 077, 10WA11 0427	Bore	Private	Domestic, Stock	Domestic, Stock		15/07/1997	36.50	36.50	Good	21.3 0	1.260		1276m	South West
GW108 775	10BL601 041, 10WA11 1383	Bore	Private	Domestic, Stock	Domestic, Stock		17/04/2008	180.00	180.00	210	120. 00	2.700		1375m	West
GW109 740	10BL163 467	Bore	Private	Monitoring Bore	Monitoring Bore		11/08/2003	7.30	7.30		2.10			1501m	North West
GW109 741	10BL163 467	Bore	Private	Monitoring Bore	Monitoring Bore		11/08/2003	7.00	7.00		2.50			1513m	North West
GW105 914	10BL161 585, 10WA11 0962	Bore		Domestic, Stock	Domestic, Stock		01/03/2003	177.00	177.00	600	54.0 0	1.700		1519m	South West
GW101 239	10BL158 334, 10WA11 0456	Bore	Private	Domestic, Stock	Domestic, Stock		03/02/1998	180.00	180.00	134	114. 00	2.200		1520m	North West
GW109 736	10BL163 467	Bore	Private	Monitoring Bore	Monitoring Bore		11/08/2003	9.00	9.00		2.00			1521m	West
GW109 737	10BL163 467	Bore	Private	Monitoring Bore	Monitoring Bore		11/08/2003	7.00	7.00		2.30			1526m	North West
GW109 738	10BL163 467	Bore	Private	Monitoring Bore	Monitoring Bore		11/08/2003	7.00	7.00		2.50			1539m	North West
GW072 304	10BL156 349, 10WA11 0319	Bore	Private	Domestic, Stock	Domestic		16/12/1994	162.50	162.50	0-500 ppm				1546m	West
GW109 739	10BL163 467	Bore	Private	Monitoring Bore	Monitoring Bore		11/08/2003	7.00	7.00		1.80			1546m	West
GW109 742	10BL163 467	Bore	Private	Monitoring Bore	Monitoring Bore		11/08/2003	6.90	6.90		2.50			1556m	West
GW109 743	10BL163 467	Bore	Private	Monitoring Bore	Monitoring Bore		11/08/2003	7.00	7.00		2.20			1557m	West

GW No.	Licence No	Work Type	Owner Type	Authorised Purpose	Intended Purpose	Name	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m bgl)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW110 646	10BL601 871, 10BL602 306, 10CA11 2272	Bore	Private	Irrigation, Test Bore	Irrigation		24/09/2007	234.00	234.00	0.83	22.00	5.300		1580m	South
GW104 106	10BL160 380, 10WA11 0726	Bore		Domestic, Stock	Domestic, Stock		03/12/2001	24.00	24.00	2200				1672m	South
GW104 103	10BL160 377, 10WA11 0723	Bore		Domestic, Stock	Domestic, Stock		29/11/2001	102.50	102.50	1180				1714m	South
GW104 104	10BL160 379, 10WA11 0725	Bore		Domestic, Stock	Domestic, Stock		06/12/2001	27.50	27.50	2100				1778m	South
GW115 790					Domestic, Stock		29/07/2017	179.00			22.00			1803m	North East
GW104 102	10BL160 378, 10WA11 0724	Bore		Domestic, Stock	Domestic, Stock		30/11/2001	120.50	120.50	1500				1836m	South
GW104 096	10BL160 396, 10WA11 0728	Bore		Domestic, Stock	Domestic, Stock		07/12/2001	102.50	102.50	1100				1864m	South

Borehole Data Source : NSW Department of Primary Industries - Office of Water / Water Administration Ministerial Corporation for all bores prefixed with GW. All other bores © Commonwealth of Australia (Bureau of Meteorology) 2015. Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Hydrogeology & Groundwater

1290 Greendale Park Road, Wallacia, NSW 2745

Driller's Logs

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

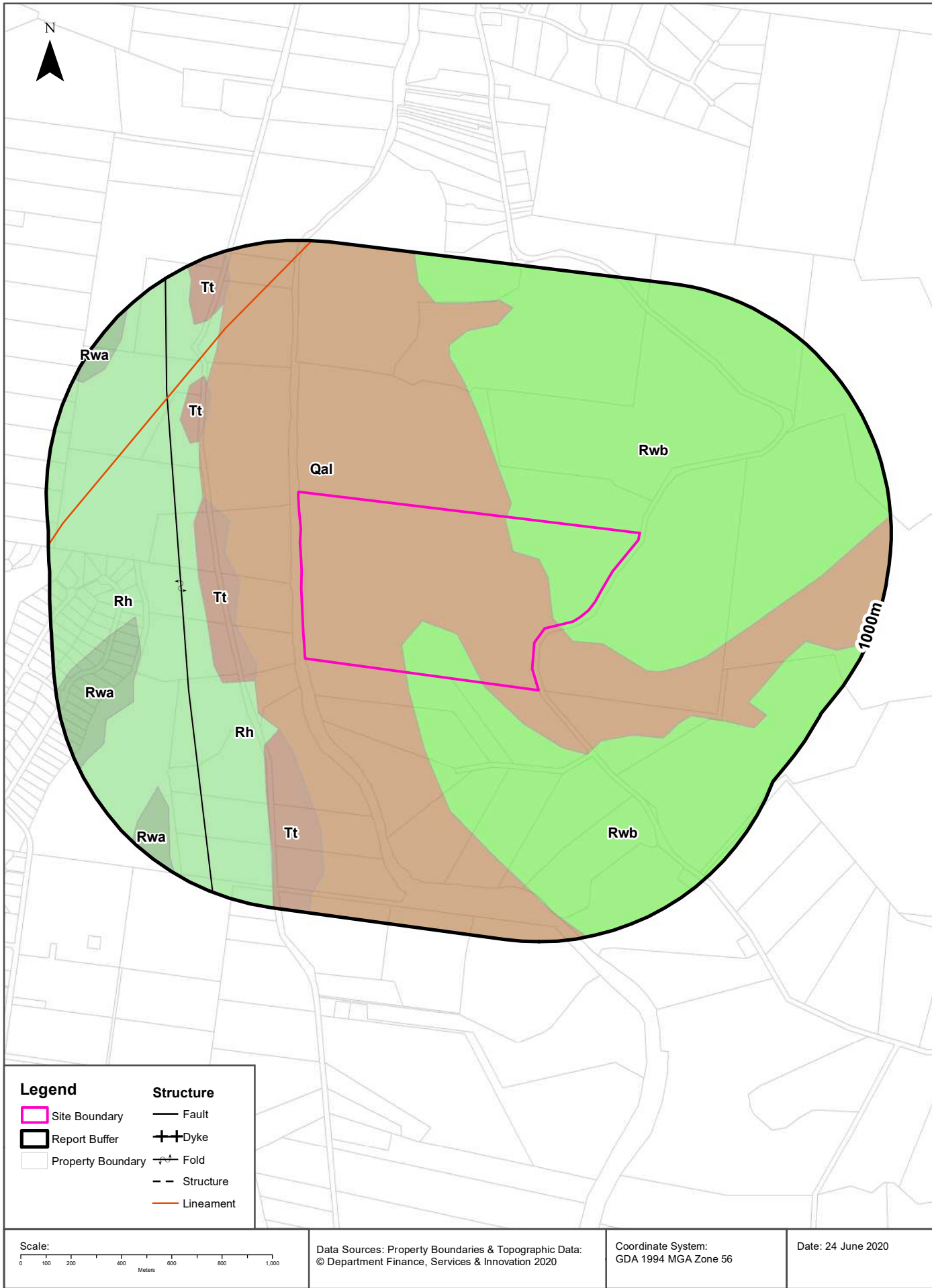
Groundwater No	Drillers Log	Distance	Direction
GW104419	0.00m-2.00m SAND/CLAY 2.00m-8.00m BROWN SHALE 8.00m-34.00m GREY SHALE 34.00m-62.00m SANDSTONE 62.00m-68.00m GREY SHALE 68.00m-79.00m SANDSTONE	395m	West
GW103834	0.00m-1.50m DIRT/CLAY 1.50m-4.00m BROWN SHALE 4.00m-5.50m FIRM SHALE 5.50m-30.50m BLUE SHALE 30.50m-49.00m SANDSTONE	421m	West
GW103835	0.00m-5.00m SAND AND SANDSTONE 5.00m-11.00m CLAY 11.00m-17.00m BROWN SHALE 17.00m-35.00m BLUE SHALE 35.00m-49.00m SANDSTONE	508m	North West
GW101507	0.00m-0.30m CLAYEY LOAM 0.30m-3.50m RED CLAY 3.50m-6.50m CLAY, MOIST, LIGHT GREY 6.50m-51.50m SHALE 51.50m-60.00m SANDSTONE, GREY F.G. CEMENTED 60.00m-62.00m SANDSTONE, DK.GREY F.G. CEMENTED 62.00m-65.00m SANDSTONE, LT GREY F.G. CEMENTED 65.00m-70.00m SANDSTONE,LT GREY. COARSE OPEN GRAIN 70.00m-72.00m SANDSTONE, LT GREY, COARSE GRAIN 72.00m-72.50m SANDSTONE, LY GREY, QUARTZ MATRIX 72.50m-74.50m SANDSTONE, GREY,COARSE GRAIN 74.50m-76.50m SANDSTONE, LT GREY, COARSE OPEN GRAIN 76.50m-86.00m SANDSTONE,LT GREY,C.G. SLIGHT QUARTZ 86.00m-87.50m SANDSTONE, GREY,QUARTZ MATRIX 87.50m-92.50m SANDSTONE,GREY, COARSE GRAIN 92.50m-93.50m SANDSTONE,LT GREY,QUARTZ MATRIX 93.50m-96.70m SANDSTONE,LT. GREY, COARSE OPEN GRAIN 96.70m-99.30m SANDSTONE,LT. GREY, COARSE GRAIN 99.30m-100.60m SANDSTONE, LT. GREY. QUARTZ MATRIX 100.60m-103.00m SANDSTONE,LT. GREY.COARSE GRAIN 103.00m-108.00m SANDSTONE, GREY. COARSE GRAIN 108.00m-111.00m ??? MUDSTONE 111.00m-112.00m BURNT SANDSTONE 112.00m-114.00m SANDSTONE, GREY. COARSE GRAIN	549m	South East
GW104543	0.00m-14.00m CLAY/SAND 14.00m-26.00m GREY SHALE 26.00m-42.70m SANDSTONE	653m	North West
GW075156	0.00m-11.00m Clay 11.00m-16.00m Sand, grey	837m	North West
GW075155	0.00m-24.00m Clay & Sandy Clay 24.00m-57.00m Sandstone 57.00m-58.00m Shale 58.00m-138.00m Sandstone 138.00m-141.00m Shale 141.00m-180.00m Sandstone 180.00m-186.00m Shale 186.00m-225.00m Sandstone 225.00m-227.00m Shale 227.00m-273.00m Sandstone 273.00m-276.00m Shale	905m	North West
GW072305	0.00m-15.90m Reddish Clay 15.90m-19.90m Black Hard Shale 19.90m-32.00m White Sandstone	1037m	South West

Groundwater No	Drillers Log	Distance	Direction
GW075154	0.00m-17.00m Clay, red 17.00m-25.00m Shale 25.00m-48.00m Sandstone, fine 48.00m-78.00m Sandstone, coarse 78.00m-90.00m Shale 90.00m-204.00m Sandstone, coarse 204.00m-210.00m Shale 210.00m-234.00m Sandstone, coarse 234.00m-240.00m Shale 240.00m-258.00m Basement	1183m	North West
GW075145	0.00m-1.00m Sandy Clay Loam, topsoil, red brown 1.00m-3.00m Clay, some silt & some fine sand <5% 3.00m-4.00m Clay, some red & grey mottled, but light brown 4.00m-5.00m Clay, some grey, but light brown 5.00m-6.00m Clay, light brown, some light grey 6.00m-7.00m Clay, fine sand, light brown, some red Clay 7.00m-8.00m Clay, mottled red & grey, some yellow, no Sand	1214m	South
GW075165	0.00m-16.00m Clay 16.00m-18.00m Shale	1240m	South
GW075164	0.00m-16.00m Clay 16.00m-21.00m Shale, weathered 21.00m-35.00m Shale 35.00m-48.00m Sandstone/Shale 48.00m-80.00m Clay/Sandstone 80.00m-261.00m Sandstone, fine-medium, white grey 261.00m-280.00m Sandstone, Claystone, Shale 280.00m-282.00m Claystone 282.00m-300.00m Sandstone/Claystone	1248m	South
GW075163	0.00m-16.00m Clay 16.00m-26.00m Shale 26.00m-34.00m Sandstone 34.00m-50.00m Sandstone, grey 50.00m-99.00m Sandstone, fine-medium, grey 99.00m-102.00m Shale 102.00m-229.00m Sandstone, fine-medium, grey 229.00m-237.00m Mudstone, black-grey 237.00m-251.00m Sandstone 251.00m-259.00m Claystone, red-grey 259.00m-269.00m Sandstone 269.00m-278.00m Claystone 278.00m-279.00m Sandstone 279.00m-288.00m Claystone 288.00m-293.00m Sandstone 293.00m-300.00m Claystone	1262m	South
GW100778	0.00m-0.30m TOP SOIL 0.30m-21.30m CLAY 21.30m-33.50m SHALE 33.50m-36.50m SANDSTONE	1276m	South West
GW108775	0.00m-8.00m SHALE 8.00m-30.00m SANDSTONE 30.00m-33.00m SHALE 33.00m-174.00m SANDSTONE 174.00m-177.00m SHALE 177.00m-180.00m SANDSTONE	1375m	West
GW109740	0.00m-1.00m FILL,SILTY CLAY, SANDY 1.00m-7.30m WEATHERED SHALE	1501m	North West
GW109741	0.00m-2.00m FILL,GRAVELLY CLAYEY SILT 2.00m-7.00m WEATHERED SHALE	1513m	North West
GW105914	0.00m-8.00m CLAY/BROWN SHALE 8.00m-31.00m SHALE/SANDSTONE 31.00m-137.00m SANDSTONE 137.00m-139.00m SHALE 139.00m-177.00m SANDSTONE	1519m	South West

Groundwater No	Drillers Log	Distance	Direction
GW101239	0.00m-2.50m clay loam overburden 2.50m-14.60m brown, coarse grained sandstone 14.60m-15.20m sandstone/clay 15.20m-39.50m sandstone, medium grained, brown 39.50m-41.00m sandstone, coarse grain, light brown 41.00m-47.00m quartz 47.00m-51.00m ironstone 51.00m-52.50m quartz and clay 52.50m-54.00m sandstone and clay 54.00m-69.00m sandstone, medium grained, grey 69.00m-70.50m sandstone and quartz 70.50m-88.50m sandstone, medium grained, red 88.50m-97.20m quartz 97.20m-106.20m sandstone and quartz matrix 106.20m-113.00m sandstone, medium grain, light grey 113.00m-116.20m quartz 116.20m-118.00m sandstone, finegrained, grey 118.00m-124.50m sandstone, fine grained, dark grey 124.50m-127.00m sandstone and quartz 127.00m-136.50m quartz (water bearing) 136.50m-137.50m sandstone, medium grained, grey 137.50m-146.00m sandstone, finegrained, dark grey 146.00m-151.50m sandstone, medium grained, light grey 151.50m-154.50m quartz (water bearing) 154.50m-161.00m quartz and sandstone (water bearing) 161.00m-161.60m quartz sand 161.60m-180.00m sandstone and fine quartz	1520m	North West
GW109736	0.00m-1.50m FILL.SILTY CLAY, GRAVEL 1.50m-7.00m WEATHERED SHALE 7.00m-9.00m SANDSTONE	1521m	West
GW109737	0.00m-1.50m FILL.SILTY CLAY 1.50m-7.00m WEATHERED SHALE	1526m	North West
GW109738	0.00m-2.00m FILL, SILTY CLAY, SANDY CLAY 2.00m-7.00m WEATHERED SHALE	1539m	North West
GW072304	0.00m-0.40m Topsoil 0.40m-2.80m Red Clay 2.80m-23.10m Soft Brown Sandstone 23.10m-44.30m L/grey Med Grain S/stone Clay Matrix 44.30m-45.80m Grey M/grain S/stone Quartz Matrix 45.80m-88.30m Light Grey Med Grain Sdsn 88.30m-90.20m Quartz 90.20m-96.00m Light Grey Med Grain Sdsn 96.00m-96.70m Shale/quartz Cross Bed 96.70m-106.60m Hard Dark Grey Shale 106.60m-114.60m Light Grey Med Grain S/stone 114.60m-126.20m Quartz 126.20m-129.90m Light Grey Med Grained S/stone 129.90m-133.80m Quartz 133.80m-141.60m Light Grey Med Grained S/stone 141.60m-141.90m Quartz 141.90m-153.30m Light Grey Med Grain S/stone 153.30m-154.10m Quartz 154.10m-158.20m Light Grey Med Grain S/stone 158.20m-158.50m Fractured Zone 158.50m-162.50m Light Grey Med Grain S/stone	1546m	West
GW109739	0.00m-1.00m FILL, SILTY CLAY 1.00m-7.00m WEATHERED SHALE	1546m	West
GW109742	0.00m-0.20m TOPSOIL 0.20m-3.00m SILTY CLAY 3.00m-6.90m WEATHERED SHALE	1556m	West
GW109743	0.00m-0.50m FILL, CLAY, SAND 0.50m-3.00m SILTY CLAY 3.00m-7.00m WEATHERED SHALE	1557m	West
GW110646	0.00m-18.00m CLAY 18.00m-42.00m SHALE 42.00m-96.00m FINE GREY SANDSTONE 96.00m-98.00m SHALE 98.00m-114.00m SANDSTONE FINE GREY 114.00m-121.00m SHALE 121.00m-228.00m SANDSTONE COARSE GREY 228.00m-234.00m BASEMENT	1580m	South
GW104106	0.00m-2.00m BROWN SHALE-SOFT 2.00m-4.00m RED CLAY 4.00m-18.00m GREY CLAY 18.00m-24.00m SAND AND IRONSTONE ROCKS	1672m	South

Groundwater No	Drillers Log	Distance	Direction
GW104103	0.00m-3.00m BROWN SHALE 3.00m-8.00m RED CLAY STIFF 8.00m-12.00m GREY CLAY STIFF 12.00m-15.00m SHALE BROWN 15.00m-29.00m SHALE BLUE 29.00m-33.50m SILTSTONE 33.50m-37.00m SANDSTONE GREY 37.00m-40.00m SHALE BLUE 40.00m-44.00m SANDSTONE GREY 44.00m-46.00m SANDSTONE WHITE 46.00m-47.50m SANDSTONE GREY 47.50m-47.80m SANDSTONE QUARTZ 47.80m-68.00m SANDSTONE GREY 68.00m-72.50m SANDSTONE QUARTZ FRACT. 72.50m-86.00m SANDSTONE GREY 86.00m-90.00m SANDSTONE DARK BROWN 90.00m-96.00m SANDSTONE GREY 96.00m-96.50m SANDSTONE WHITE 96.50m-97.00m SANDSTONE GREY 97.00m-98.00m SANDSTONE QUARTZ 98.00m-102.50m SANDSTONE GREY	1714m	South
GW104104	0.00m-1.00m BROWN SHALE 1.00m-3.00m RED CLAY 3.00m-17.00m GREY CLAY 17.00m-20.00m YELLOW SAND 20.00m-21.00m GREY SHALE 21.00m-27.50m BLUE SHALE	1778m	South
GW104102	0.00m-3.00m BROWN SHALE 3.00m-6.00m RED CLAY 6.00m-13.00m GREY CLAY 13.00m-17.00m SHALE SOFT 17.00m-25.00m SHALE GREY 25.00m-35.00m SHALE BLUE 35.00m-39.00m SILTSTONE 39.00m-43.00m SANDSTONE DARK GREY 43.00m-51.00m SANDSTONE GREY 51.00m-56.00m SANDSTONE QUARTZ 56.00m-63.00m SANDSTONE GREY 63.00m-66.00m SANDSTONE QUARTZ 66.00m-73.00m SANDSTONE GREY 73.00m-76.00m SANDSTONE QUARTZ 76.00m-78.50m SANDSTONE D.G. FRACT. 78.50m-80.00m SANDSTONE GREY 80.00m-80.20m SANDSTONE VERY FRACTURED 80.20m-104.00m SANDSTONE GREY 104.00m-107.50m SANDSTONE BROWN 107.50m-113.00m SANDSTONE GREY 113.00m-115.00m SANDSTONE QUARTZ 115.00m-120.50m SANDSTONE GREY	1836m	South
GW104096	0.00m-0.50m BROWN SHALE 0.50m-3.00m RED CLAY 3.00m-18.00m GREY CLAY 18.00m-22.00m SANDY CLAY 22.00m-35.50m BLUE SHALE 35.50m-41.00m SANDSTONE GREY 41.00m-42.00m SANDSTONE FRACTURED 42.00m-43.00m SANDSTONE DARK GREY 43.00m-50.00m SANDSTONE GREY 50.00m-56.00m SANDSTONE QUARTZ 56.00m-62.50m SANDSTONE GREY 62.50m-66.00m SANDSTONE QUARTZ 66.00m-68.00m SANDSTONE GREY 68.00m-69.00m SANDSTONE GREY 69.00m-76.00m SANDSTONE WHITE-QUARTZ 76.00m-81.00m SANDSTONE GREY 81.00m-81.50m SANDSTONE D.G. FRACTURED 81.50m-88.50m SANDSTONE GREY 88.50m-90.00m SANDSTONE QUARTZ 90.00m-102.50m SANDSTONE GREY	1864m	South

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

1290 Greendale Park Road, Wallacia, NSW 2745

Geological Units

What are the Geological Units onsite?

Symbol	Description	Unit Name	Group	Sub Group	Age	Dom Lith	Map Sheet	Dataset
Qal	Fine-grained sand, silt and clay				Quaternary		Penrith	1:100,000
Rwb	Shale, carbonaceous claystone, claystone, laminate, fine to medium-grained lithic sandstone, rare coal and tuff	Bringelly Shale	Wianamatta Group (undifferentiated)		Middle Triassic		Penrith	1:100,000

What are the Geological Units within the dataset buffer?

Symbol	Description	Unit Name	Group	Sub Group	Age	Dom Lith	Map Sheet	Dataset
Qal	Fine-grained sand, silt and clay				Quaternary		Penrith	1:100,000
Rh	Medium to very coarse-grained quartz sandstone, minor laminated mudstone and siltstone leases	Hawkesbury Sandstone			Middle Triassic		Penrith	1:100,000
Rwa	Dark-grey to black claystone-siltstone and fine sandstone -siltstone laminate	Ashfield Shale	Wianamatta Group (undifferentiated)		Middle Triassic		Penrith	1:100,000
Rwb	Shale, carbonaceous claystone, claystone, laminate, fine to medium-grained lithic sandstone, rare coal and tuff	Bringelly Shale	Wianamatta Group (undifferentiated)		Middle Triassic		Penrith	1:100,000
Tt	Talus breccia				Tertiary		Penrith	1:100,000

Geological Structures

What are the Geological Structures onsite?

Feature	Name	Description	Map Sheet	Dataset
No features				1:100,000

What are the Geological Structures within the dataset buffer?

Feature	Name	Description	Map Sheet	Dataset
Fold	Lapstone Monocline	Fold, position accurate	Penrith	1:100,000
Lineament			Penrith	1:100,000

Geological Data Source : NSW Department of Industry, Resources & Energy
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Naturally Occurring Asbestos Potential

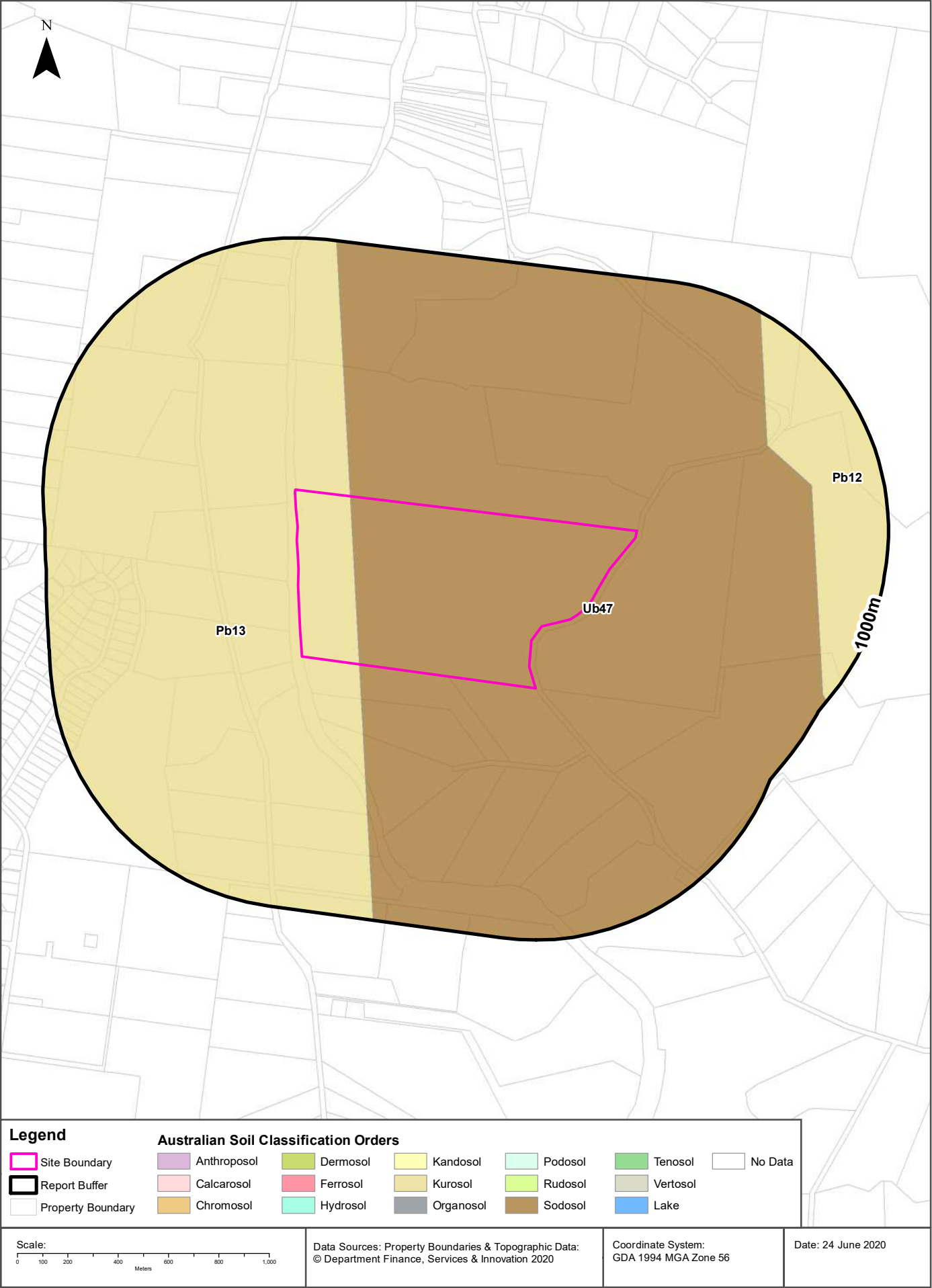
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Naturally Occurring Asbestos Potential

Naturally Occurring Asbestos Potential within the dataset buffer:

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

Mining Subsidence District Data Source: © State of New South Wales through NSW Department of Industry, Resources & Energy



Soils

1290 Greendale Park Road, Wallacia, NSW 2745

Atlas of Australian Soils

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

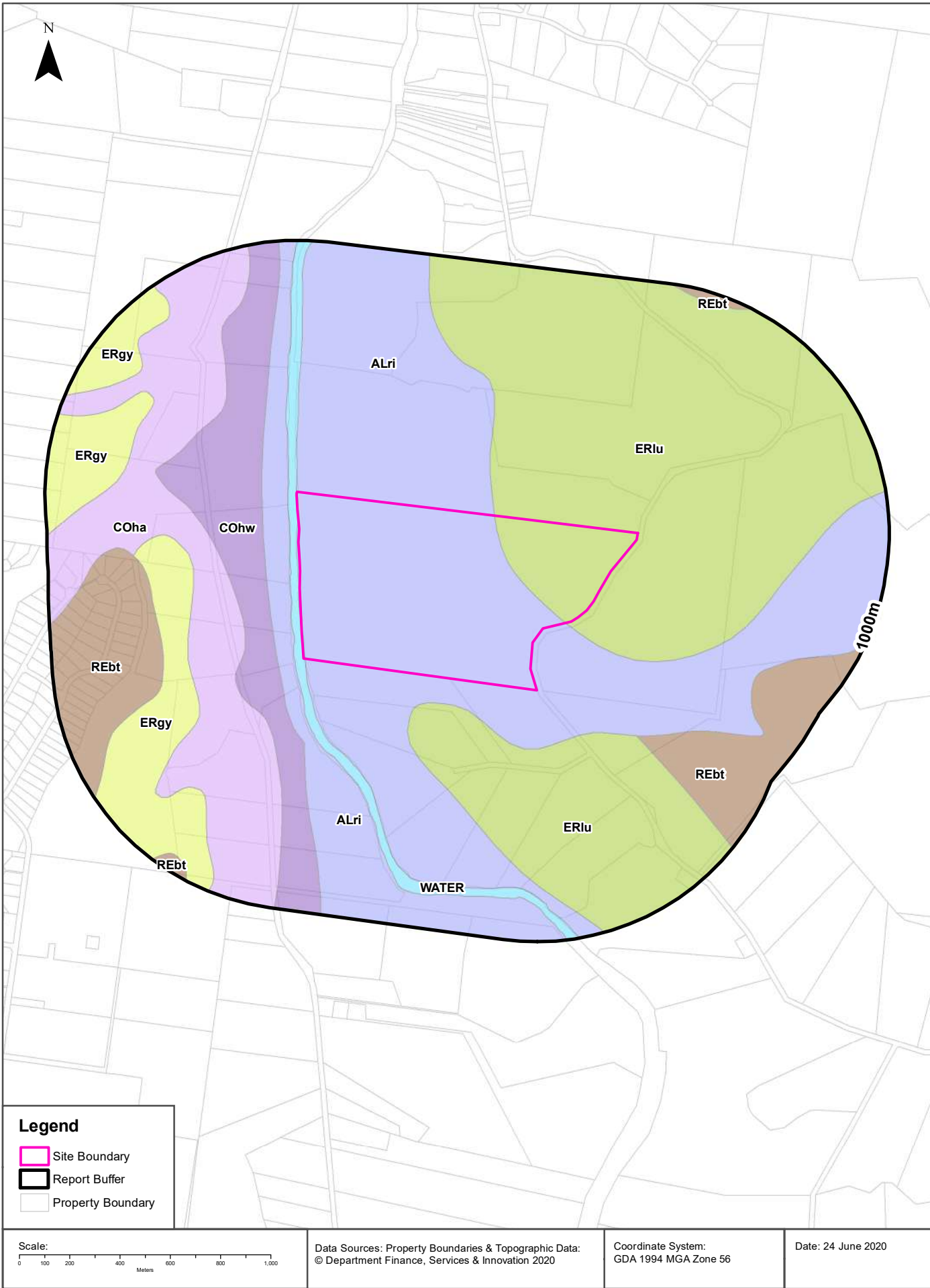
Map Unit Code	Soil Order	Map Unit Description	Distance
Pb13	Kurosol	Ridge and valley country of gently undulating ridge tops and steep side slopes often with slumping, also rounded hilly to steep hilly areas and relatively narrow valleys: chief soils are hard acidic red soils (Dr2.21) with hard acidic yellow mottled soils (Dy3.41); in places some ironstone gravels occur in both these soils. Associated are hard neutral and alkaline red soils (Dr2.22 and Dr2.23) in saddles and some mid-slope positions; (Dy3.42 and Dy3.43) soils, usually in depressions; and small areas of undescribed soils in wet soaks and valley areas. Small areas of other soils are likely throughout.	0m
Ub47	Sodosol	River terraces and flood-plains: main high terrace of hard neutral and alkaline yellow mottled soils (Dy3.42 and Dy3.43) grading to (Gn3.9) soils, and possibly some (Uf6.4) soils in depressions. Associated are: levees of the main terrace possibly of (Gn2.15 and Gn2.18) soils with sandy rises possibly of (Um4.31) soils--data are inconclusive; younger terraces of (Um6.11) and possibly other (Um) soils; and present flood-plains of (Um1) and (Uc1) soils. The unit has similarities to both units X9 and Gb6.	0m
Pb12	Kurosol	Gently rolling to rounded hilly country with some steep slopes and broad valleys: chief soils are hard acidic red soils (Dr2.21) with hard neutral and acidic yellow mottled soils (Dy3.42 and Dy3.41) on lower slopes and in valleys. Associated are small areas of various soils including (Gn3.54) on some ridges, (Dr3.31) on some slopes; (Dr2.23) in saddles and some mid-slope positions, and some low-lying swampy areas of (Uf6) soils and (Uc1.2) soils with peaty surfaces. Small areas of other soils such as (Db1.2) are likely throughout.	617m

Atlas of Australian Soils Data Source: CSIRO

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Soil Landscapes

1290 Greendale Park Road, Wallacia, NSW 2745



Soils

1290 Greendale Park Road, Wallacia, NSW 2745

Soil Landscapes

What are the onsite Soil Landscapes?

Soil Code	Name	Group	Process	Map Sheet	Scale
ALri	RICHMOND		ALLUVIAL	Penrith	1:100,000
ERlu	LUDDENHAM		EROSIONAL	Penrith	1:100,000
WATER	WATER		WATER	Penrith	1:100,000

What are the Soil Landscapes within the dataset buffer?

Soil Code	Name	Group	Process	Map Sheet	Scale
ALri	RICHMOND		ALLUVIAL	Penrith	1:100,000
COha	HAWKESBURY		COLLUVIAL	Penrith	1:100,000
COhw	HAZELWOOD		COLLUVIAL	Penrith	1:100,000
ERgy	GYMEA		EROSIONAL	Penrith	1:100,000
ERlu	LUDDENHAM		EROSIONAL	Penrith	1:100,000
REbt	BLACKTOWN		RESIDUAL	Penrith	1:100,000
WATER	WATER		WATER	Penrith	1:100,000

Soils Landscapes Data Source : NSW Office of Environment and Heritage

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Acid Sulfate Soils

1290 Greendale Park Road, Wallacia, NSW 2745

Environmental Planning Instrument - Acid Sulfate Soils

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

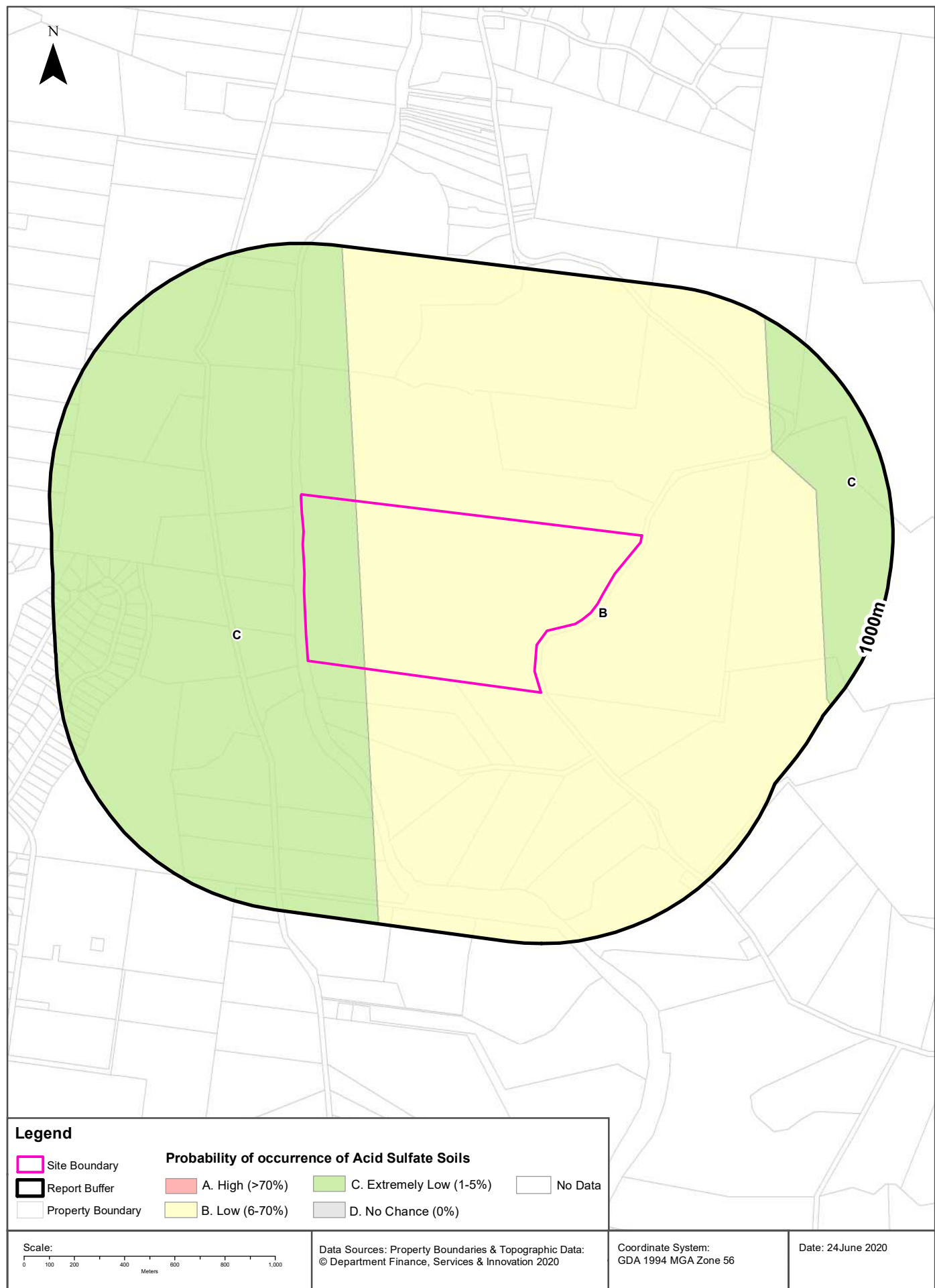
Soil Class	Description	EPI Name
N/A		

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

Soil Class	Description	EPI Name	Distance	Direction
N/A				

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Acid Sulfate Soils

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Atlas of Australian Acid Sulfate Soils

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

Class	Description	Distance
B	Low Probability of occurrence. 6-70% chance of occurrence.	0m
C	Extremely low probability of occurrence. 1-5% chance of occurrence with occurrences in small localised areas.	0m

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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Dryland Salinity

1290 Greendale Park Road, Wallacia, NSW 2745



Legend		Dryland Salinity - National Assessment		Salinity Potential of Western Sydney	
	Site Boundary		Delineated risk area but no high hazard or risk rating for either 2000, 2020, 2050		Area of Known Salinity
	Report Buffer		High hazard or risk in 2050 only		Area of High Salinity Potential
	Property Boundary		High hazard or risk defined for 2050, but no assessment made for 2000 or 2020		Area of Moderate Salinity Potential
			High hazard or risk in 2020 and 2050. 2020 not defined as high hazard		Area of Very Low Salinity Potential
			High hazard or risk defined for all years: 2000, 2020, 2050		Area of Water

Scale:
0 100 200 400 600 800 1,000
Meters

Data Sources: Property Boundaries & Topographic Data:
© Department Finance, Services & Innovation 2020

Coordinate System:
GDA 1994 MGA Zone 56

Date: 24 June 2020

Dryland Salinity

1290 Greendale Park Road, Wallacia, NSW 2745

Dryland Salinity - National Assessment

Is there Dryland Salinity - National Assessment data onsite?

Yes

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

Yes

What Dryland Salinity assessments are given?

Assessment 2000	Assessment 2020	Assessment 2050	Distance	Direction
High hazard or risk	High hazard or risk	High hazard or risk	0m	Onsite

Dryland Salinity Data Source : National Land and Water Resources Audit

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

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

Dryland Salinity Potential of Western Sydney

Dryland Salinity Potential of Western Sydney within the dataset buffer?

Feature Id	Classification	Description	Distance	Direction
274	MODERATE	Area of Moderate Salinity Potential	0m	Onsite
281	WATER	Area of Water	0m	Onsite
370	LOW	Area of Very Low Salinity Potential	221m	South East
81	MODERATE	Area of Moderate Salinity Potential	652m	South West

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

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Mining Subsidence Districts

1290 Greendale Park Road, Wallacia, NSW 2745

Mining Subsidence Districts

Mining Subsidence Districts within the dataset buffer:

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

Mining Subsidence District Data Source: © Land and Property Information (2016)
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State Environmental Planning Policy

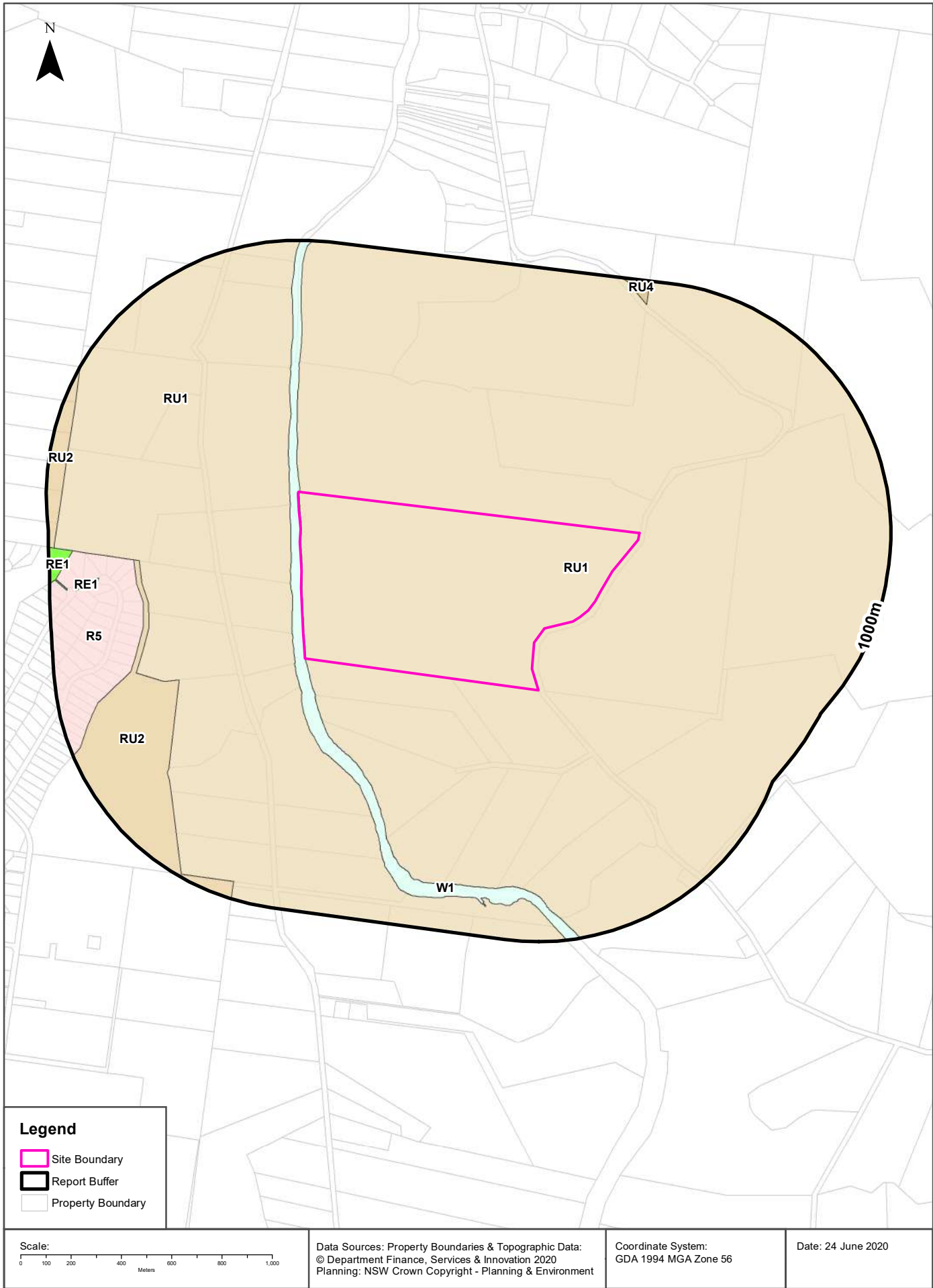
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State Significant Precincts

What SEPP State Significant Precincts exist within the dataset buffer?

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

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Environmental Planning Instrument

1290 Greendale Park Road, Wallacia, NSW 2745

Land Zoning

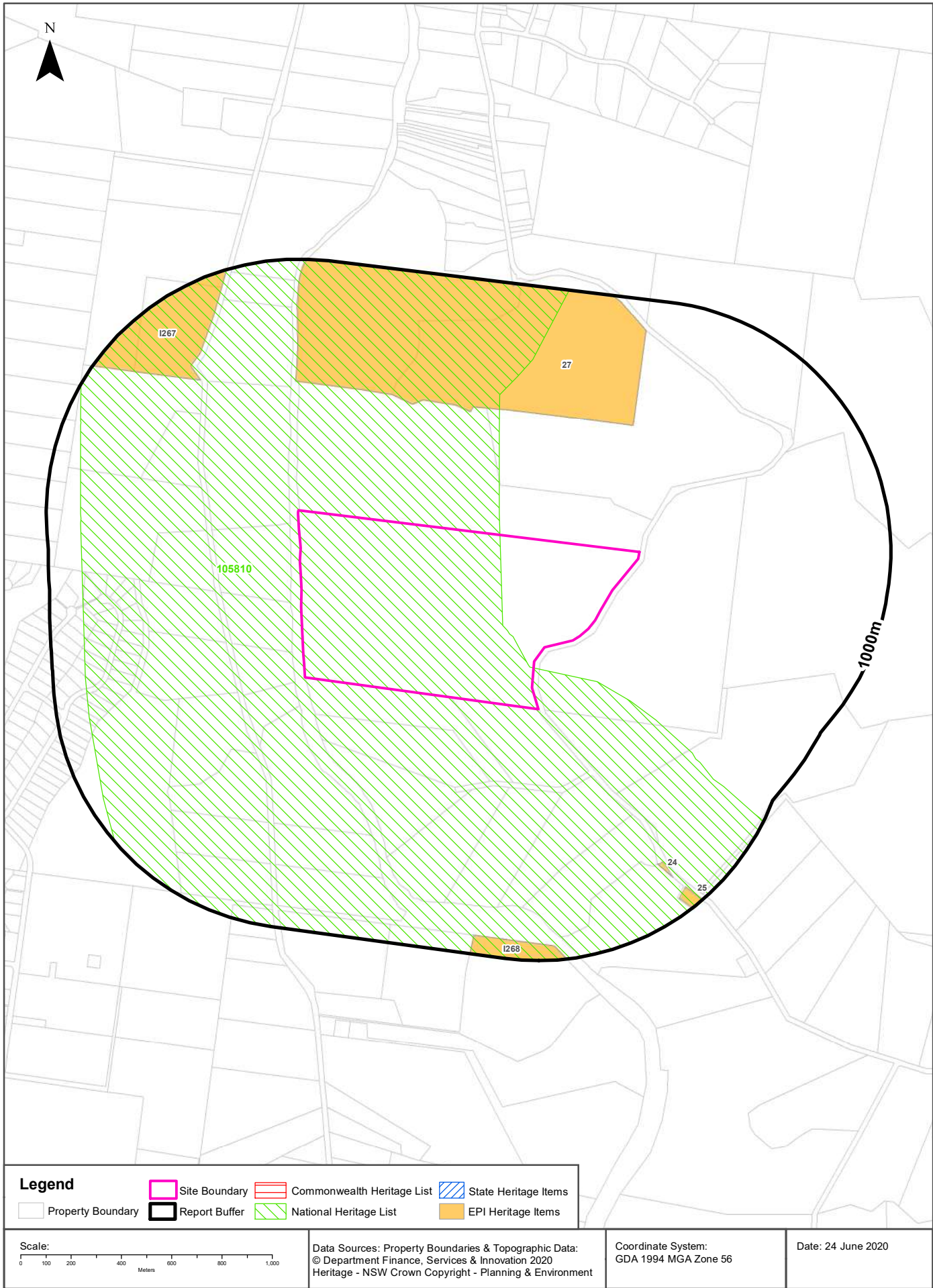
What EPI Land Zones exist within the dataset buffer?

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
RU1	Primary Production		Liverpool Local Environmental Plan 2008	20/06/2014	20/06/2014	08/05/2020	Amendment No 27	0m	Onsite
W1	Natural Waterways		Liverpool Local Environmental Plan 2008	29/08/2008	29/08/2008	08/05/2020		0m	South
RU1	Primary Production		Wollondilly Local Environmental Plan 2011	23/02/2011	23/02/2011	03/04/2020		34m	West
RU2	Rural Landscape		Wollondilly Local Environmental Plan 2011	23/02/2011	23/02/2011	03/04/2020		510m	South West
R5	Large Lot Residential		Wollondilly Local Environmental Plan 2011	23/02/2011	23/02/2011	03/04/2020		630m	South West
RE1	Public Recreation		Wollondilly Local Environmental Plan 2011	23/02/2011	23/02/2011	03/04/2020		807m	West
RU4	Primary Production Small Lots		Liverpool Local Environmental Plan 2008	29/08/2008	29/08/2008	08/05/2020		905m	North
RE1	Public Recreation		Wollondilly Local Environmental Plan 2011	23/02/2011	23/02/2011	03/04/2020		906m	West
RU2	Rural Landscape		Wollondilly Local Environmental Plan 2011	03/04/2020	03/04/2020	03/04/2020	Amendment No 36	931m	North West

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Heritage Items

1290 Greendale Park Road, Wallacia, NSW 2745



Heritage

1290 Greendale Park Road, Wallacia, NSW 2745

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
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National Heritage List

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

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

Place Id	Name	Address	Place File No	Class	Status	Register Date	Distance	Direction
105810	Wara-n'hayara Plateau Area - part	Mount Kiera Rd, Wollongong NSW	1/11/092/0064	Indigenous	Place not included in NHL		0m	Onsite

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

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

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

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Environmental Planning Instrument - Heritage

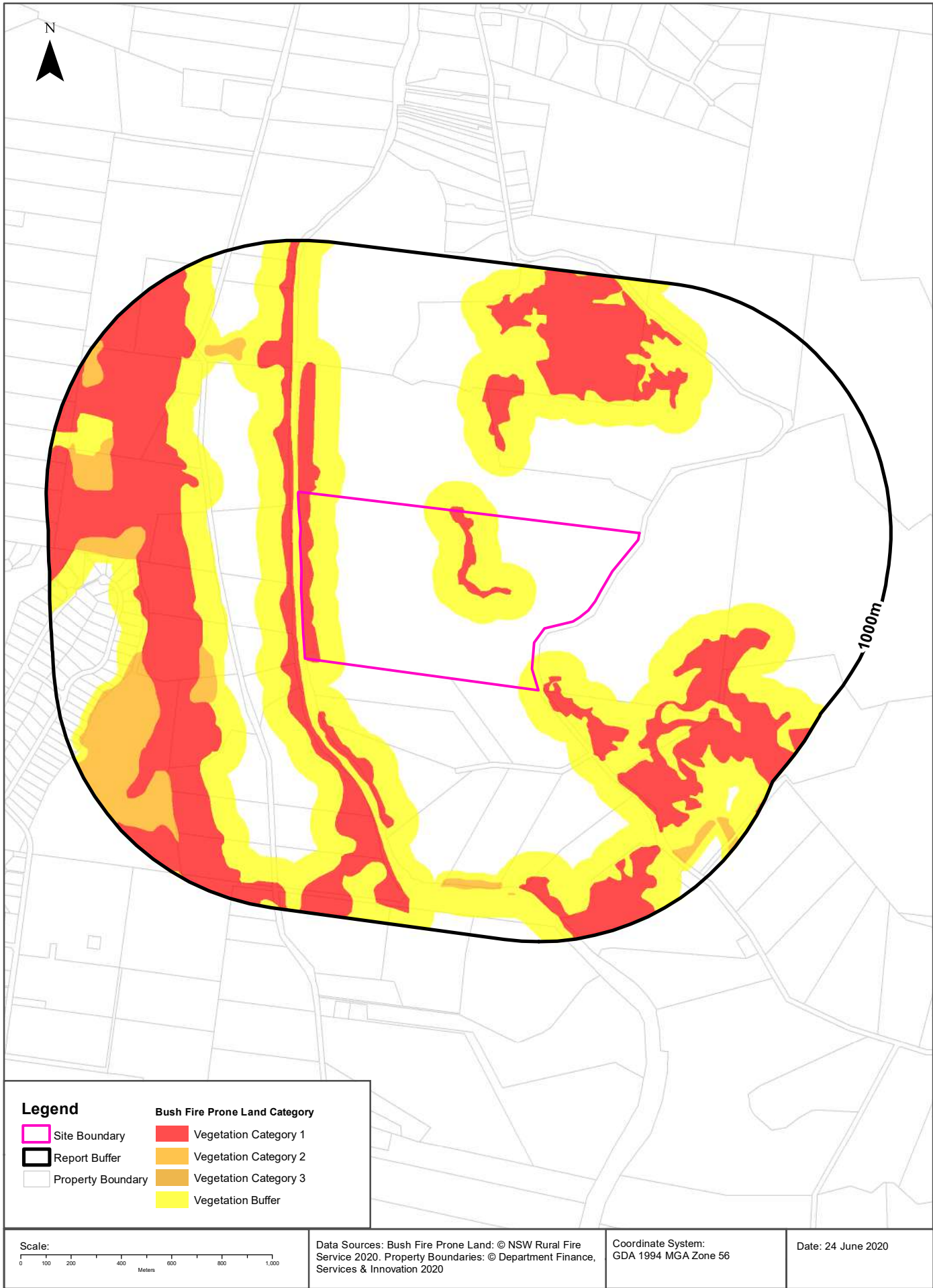
What are the EPI Heritage Items located within the dataset buffer?

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
27	Remnants of former farm homestead ('Pemberton')	Item - General	Local	Liverpool Local Environmental Plan 2008	29/08/2008	29/08/2008	08/04/2016	473m	North
1267	Charleville	Item - General	Local	Wollondilly Local Environmental Plan 2011	23/02/2011	23/02/2011	21/12/2018	649m	North West

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
24	Shadforth Monument (former pioneer's monument)	Item - General	Local	Liverpool Local Environmental Plan 2008	26/08/2011	26/08/2011	08/04/2016	774m	South East
25	Private dwelling (former St Mark's Anglican Church Group, including church cemetery)	Item - General	State	Liverpool Local Environmental Plan 2008	29/08/2008	29/08/2008	08/04/2016	915m	South East
I268	Ravenswood	Item - General	Local	Wollondilly Local Environmental Plan 2011	23/02/2011	23/02/2011	21/12/2018	924m	South

Heritage Data Source: NSW Crown Copyright - Planning & Environment

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Natural Hazards

1290 Greendale Park Road, Wallacia, NSW 2745

Bush Fire Prone Land

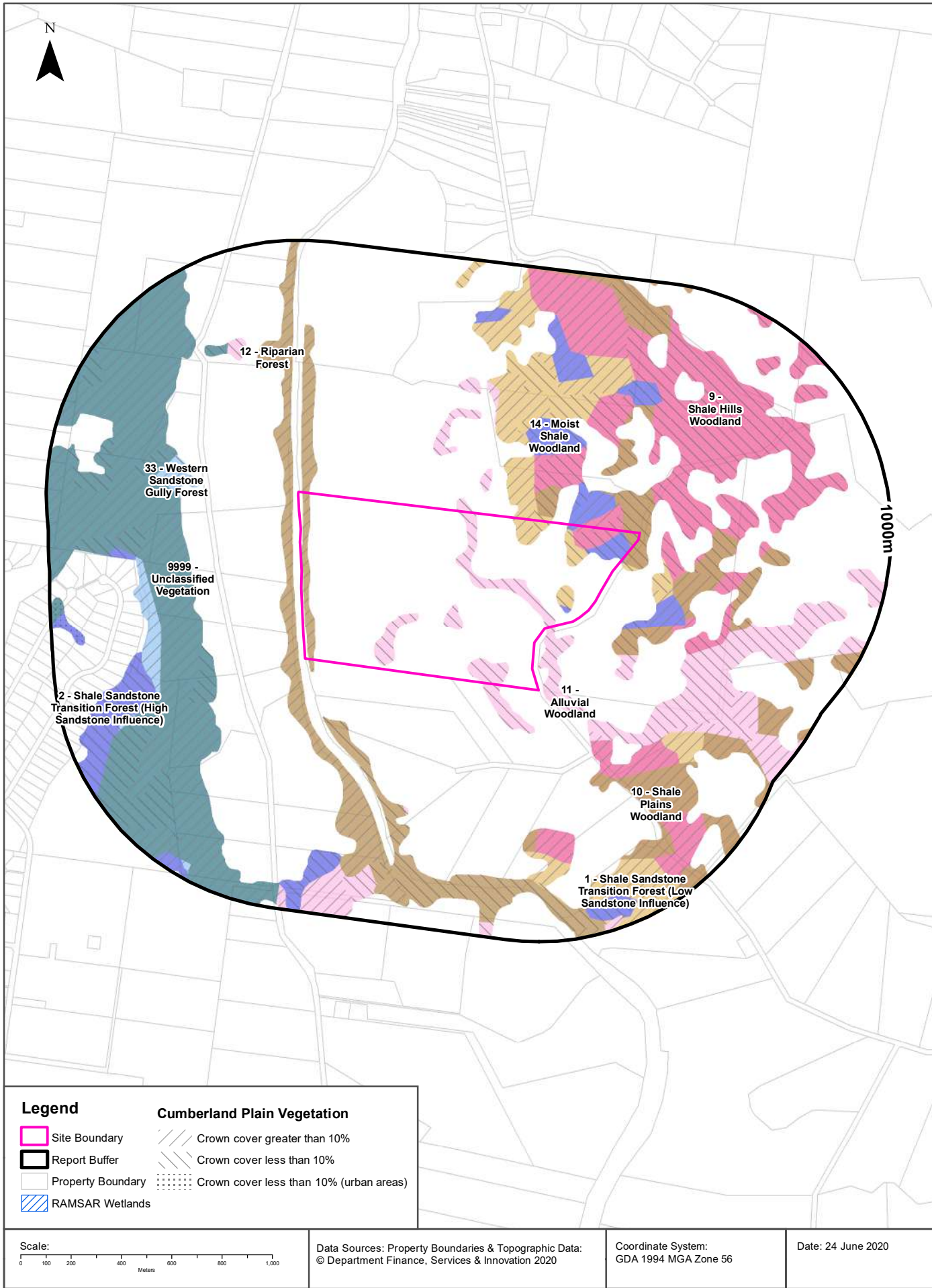
What are the nearest Bush Fire Prone Land Categories that exist within the dataset buffer?

Bush Fire Prone Land Category	Distance	Direction
Vegetation Buffer	0m	Onsite
Vegetation Category 1	0m	Onsite
Vegetation Category 2	361m	West

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

Ecological Constraints - Remnant Vegetation of the Cumberland Plain

1290 Greendale Park Road, Wallacia, NSW 2745



Ecological Constraints

1290 Greendale Park Road, Wallacia, NSW 2745

Remnant Vegetation of the Cumberland Plain

What remnant vegetation of the Cumberland Plain exists within the dataset buffer?

Description	Crown Cover	Distance	Direction
1 - Shale Sandstone Transition Forest (Low Sandstone Influence)	Crown cover greater than 10%	0m	Onsite
12 - Riparian Forest	Crown cover greater than 10%	0m	Onsite
14 - Moist Shale Woodland	Crown cover greater than 10%	0m	Onsite
9 - Shale Hills Woodland	Crown cover greater than 10%	0m	Onsite
1 - Shale Sandstone Transition Forest (Low Sandstone Influence)	Crown cover less than 10%	0m	Onsite
10 - Shale Plains Woodland	Crown cover less than 10%	0m	Onsite
11 - Alluvial Woodland	Crown cover less than 10%	0m	Onsite
14 - Moist Shale Woodland	Crown cover less than 10%	0m	Onsite
2 - Shale Sandstone Transition Forest (High Sandstone Influence)	Crown cover less than 10%	0m	Onsite
9 - Shale Hills Woodland	Crown cover less than 10%	0m	Onsite
10 - Shale Plains Woodland	Crown cover greater than 10%	81m	North East
2 - Shale Sandstone Transition Forest (High Sandstone Influence)	Crown cover greater than 10%	214m	East
12 - Riparian Forest	Crown cover less than 10%	219m	South
11 - Alluvial Woodland	Crown cover greater than 10%	240m	South East
9999 - Unclassified Vegetation	Crown cover less than 10%	362m	West
33 - Western Sandstone Gully Forest	Crown cover greater than 10%	397m	West
9999 - Unclassified Vegetation	Crown cover greater than 10%	399m	West
33 - Western Sandstone Gully Forest	Crown cover less than 10%	454m	North West
2 - Shale Sandstone Transition Forest (High Sandstone Influence)	Crown cover less than 10% (urban areas)	869m	West
9999 - Unclassified Vegetation	Crown cover less than 10% (urban areas)	944m	West

Remnant Vegetation of the Cumberland Plain : NSW Office of Environment and Heritage

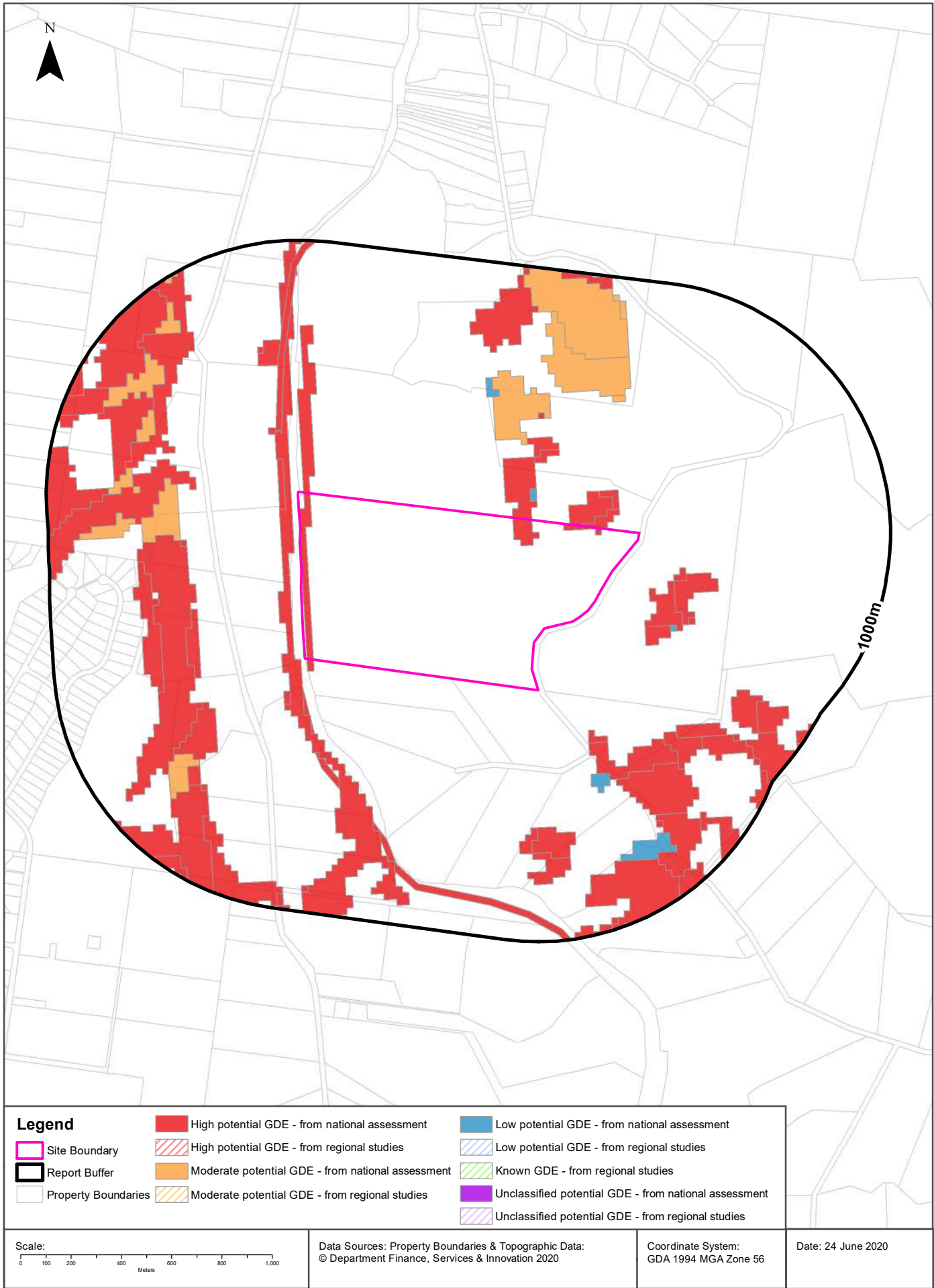
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Ramsar Wetlands

What Ramsar Wetland areas exist within the dataset buffer?

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

Ramsar Wetlands Data Source: © Commonwealth of Australia - Department of Environment



Ecological Constraints

1290 Greendale Park Road, Wallacia, NSW 2745

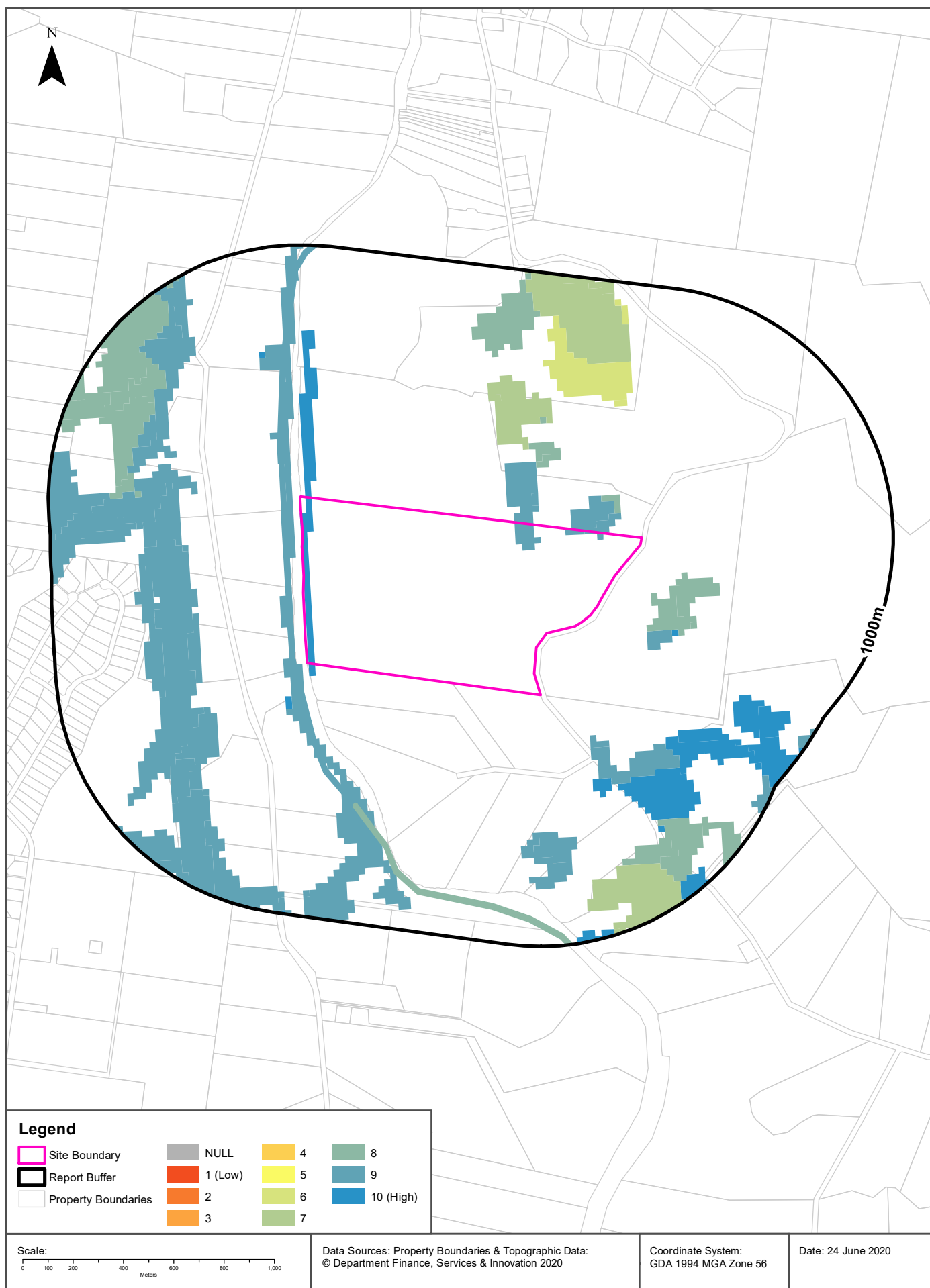
Groundwater Dependent Ecosystems Atlas

Type	GDE Potential	Geomorphology	Ecosystem Type	Aquifer Geology	Distance
Terrestrial	High potential GDE - from national assessment	Deeply dissected sandstone plateaus.	Vegetation	Consolidated sedimentary	0m
Terrestrial	High potential GDE - from national assessment	Deeply dissected sandstone plateaus.	Vegetation	Unconsolidated sedimentary	0m
Terrestrial	High potential GDE - from national assessment	Undulating to low hilly country, mainly on shale.	Vegetation	Consolidated sedimentary	0m
Aquatic	High potential GDE - from national assessment	Deeply dissected sandstone plateaus.	River		39m
Terrestrial	Low potential GDE - from national assessment	Deeply dissected sandstone plateaus.	Vegetation	Consolidated sedimentary	72m
Terrestrial	Moderate potential GDE - from national assessment	Deeply dissected sandstone plateaus.	Vegetation	Consolidated sedimentary	289m

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

1290 Greendale Park Road, Wallacia, NSW 2745



Ecological Constraints

1290 Greendale Park Road, Wallacia, NSW 2745

Inflow Dependent Ecosystems Likelihood

Type	IDE Likelihood	Geomorphology	Ecosystem Type	Aquifer Geology	Distance
Terrestrial	9	Deeply dissected sandstone plateaus.	Vegetation	Consolidated sedimentary	0m
Terrestrial	9	Undulating to low hilly country, mainly on shale.	Vegetation	Consolidated sedimentary	0m
Terrestrial	10	Deeply dissected sandstone plateaus.	Vegetation	Unconsolidated sedimentary	0m
Aquatic	9	Deeply dissected sandstone plateaus.	River		39m
Terrestrial	8	Undulating to low hilly country, mainly on shale.	Vegetation	Consolidated sedimentary	81m
Terrestrial	7	Deeply dissected sandstone plateaus.	Vegetation	Consolidated sedimentary	289m
Terrestrial	6	Undulating to low hilly country, mainly on shale.	Vegetation	Consolidated sedimentary	503m
Aquatic	8	Deeply dissected sandstone plateaus.	River		522m

Inflow Dependent Ecosystems Likelihood Data Source: The Bureau of Meteorology
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Ecological Constraints

1290 Greendale Park Road, Wallacia, NSW 2745

NSW BioNet Atlas

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

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Amphibia	Heleioporus australiacus	Giant Burrowing Frog	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Amphibia	Litoria aurea	Green and Golden Bell Frog	Endangered	Not Sensitive	Vulnerable	
Animalia	Amphibia	Pseudophryne australis	Red-crowned Toadlet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Anthochaera phrygia	Regent Honeyeater	Critically Endangered	Not Sensitive	Critically Endangered	
Animalia	Aves	Apus pacificus	Fork-tailed Swift	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Ardea ibis	Cattle Egret	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	Artamus cyanopterus cyanopterus	Dusky Woodswallow	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Callocephalon fimbriatum	Gang-gang Cockatoo	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Calyptorhynchus lathamii	Glossy Black-Cockatoo	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Chthonicola sagittata	Speckled Warbler	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Daphoenositta chrysoptera	Varied Sittella	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Ephippiorhynchus asiaticus	Black-necked Stork	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Gallinago hardwickii	Latham's Snipe	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Glossopsitta pusilla	Little Lorikeet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Haliaeetus leucogaster	White-bellied Sea-Eagle	Vulnerable	Not Sensitive	Not Listed	CAMBA
Animalia	Aves	Hieraaetus morphnoides	Little Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Hirundapus caudacutus	White-throated Needletail	Not Listed	Not Sensitive	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Ixobrychus flavicollis	Black Bittern	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Lathamus discolor	Swift Parrot	Endangered	Category 3	Critically Endangered	
Animalia	Aves	Limosa limosa	Black-tailed Godwit	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Lophochroa leadbeateri	Major Mitchell's Cockatoo	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Lophoictinia isura	Square-tailed Kite	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Melanodryas cucullata cucullata	Hooded Robin (south-eastern form)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Melithreptus gularis gularis	Black-chinned Honeyeater (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Merops ornatus	Rainbow Bee-eater	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Ninox connivens	Barking Owl	Vulnerable	Category 3	Not Listed	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Ninox strenua	Powerful Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Petroica boodang	Scarlet Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Petroica phoenicea	Flame Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pezoporus wallicus wallicus	Eastern Ground Parrot	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Stagonopleura guttata	Diamond Firetail	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Stictonetta naevosa	Freckled Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Tyto novaehollandiae	Masked Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Tyto tenebricosa	Sooty Owl	Vulnerable	Category 3	Not Listed	
Animalia	Gastropoda	Meridolum corneovirens	Cumberland Plain Land Snail	Endangered	Not Sensitive	Not Listed	
Animalia	Gastropoda	Pommerhelix duralensis	Dural Land Snail	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	Chalinolobus dwyeri	Large-eared Pied Bat	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Dasyurus viverrinus	Eastern Quoll	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	Macropus dorsalis	Black-striped Wallaby	Endangered	Not Sensitive	Not Listed	
Animalia	Mammalia	Micronomus norfolkensis	Eastern Coastal Free-tailed Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Miniopterus australis	Little Bent-winged Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Miniopterus orianae oceanensis	Large Bent-winged Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Myotis macropus	Southern Myotis	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Petauroides volans	Greater Glider	Not Listed	Not Sensitive	Vulnerable	
Animalia	Mammalia	Petaurus australis	Yellow-bellied Glider	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Petrogale penicillata	Brush-tailed Rock-wallaby	Endangered	Not Sensitive	Vulnerable	
Animalia	Mammalia	Phascolarctos cinereus	Koala	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Pteropus poliocephalus	Grey-headed Flying-fox	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Saccolaimus flaviventris	Yellow-bellied Sheath-tail-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Scoteanax rueppellii	Greater Broad-nosed Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Vespadelus troughtoni	Eastern Cave Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	Chelonia mydas	Green Turtle	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Reptilia	Suta flagellum	Little Whip Snake	Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Ancistrachne maidenii		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Dillwynia tenuifolia		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Epacris purpurascens var. purpurascens		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Eucalyptus benthamii	Camden White Gum	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Grevillea juniperina subsp. juniperina	Juniper-leaved Grevillea	Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Macadamia integrifolia	Macadamia Nut	Not Listed	Not Sensitive	Vulnerable	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Plantae	Flora	Marsdenia viridiflora subsp. viridiflora	Native Pear	Endangered Population	Not Sensitive	Not Listed	
Plantae	Flora	Micromyrtus minutiflora		Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Pimelea spicata	Spiked Rice-flower	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Pomaderris queenslandica	Scant Pomaderris	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Pultenaea parviflora		Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Rhodamnia rubescens	Scrub Turpentine	Critically Endangered	Not Sensitive	Not Listed	

Data does not include NSW category 1 sensitive species.

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

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

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

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Appendix C

Utility Plans

Caller Details

Contact: Mr Aaron Walker
Company: TRACE Environmental
Address: 1069 Castlereagh
Castlereagh NSW 2749

Caller Id: 1456796
Mobile: 0410 465 961
Email: aaron@traceenviro.com
Phone: 0410 465 961
Fax: Not Supplied

Dig Site and Enquiry Details

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



User Reference: Not Supplied
Working on Behalf of: Private
Enquiry Date: 22/06/2020
Start Date: 29/06/2020
End Date: 03/07/2020

Address:
1290 Greendale Road
Wallacia NSW 2745

Job Purpose:
Excavation

Location of Workplace:
Private Property

Onsite Activity:

Vertical Boring

Location in Road:
Not Supplied

- Check the location of the dig site is correct. If not submit a new enquiry.
- If the scope of works change, or plan validity dates expire, resubmit your enquiry.
- Do NOT dig without plans. Safe excavation is your responsibility. If you do not understand the plans or how to proceed safely, please contact the relevant asset owners.

Notes/Description of Works:

Your Responsibilities and Duty of Care

- The lodgement of an enquiry does not authorise the project to commence. You must obtain all necessary information from any and all likely impacted asset owners prior to excavation.
- If plans are not received within 2 working days, contact the asset owners directly & quote their Sequence No.
- ALWAYS perform an onsite inspection for the presence of assets. Should you require an onsite location, contact the asset owners directly. Please remember, plans do not detail the exact location of assets.
- Pothole to establish the exact location of all underground assets using a hand shovel, before using heavy machinery.
- Ensure you adhere to any State legislative requirements regarding Duty of Care and safe digging requirements.
- If you damage an underground asset you MUST advise the asset owner immediately.
- By using this service, you agree to Privacy Policy and the terms and disclaimers set out at **www.1100.com.au**
- **For more information on safe excavation practices, visit www.1100.com.au**

Asset Owner Details

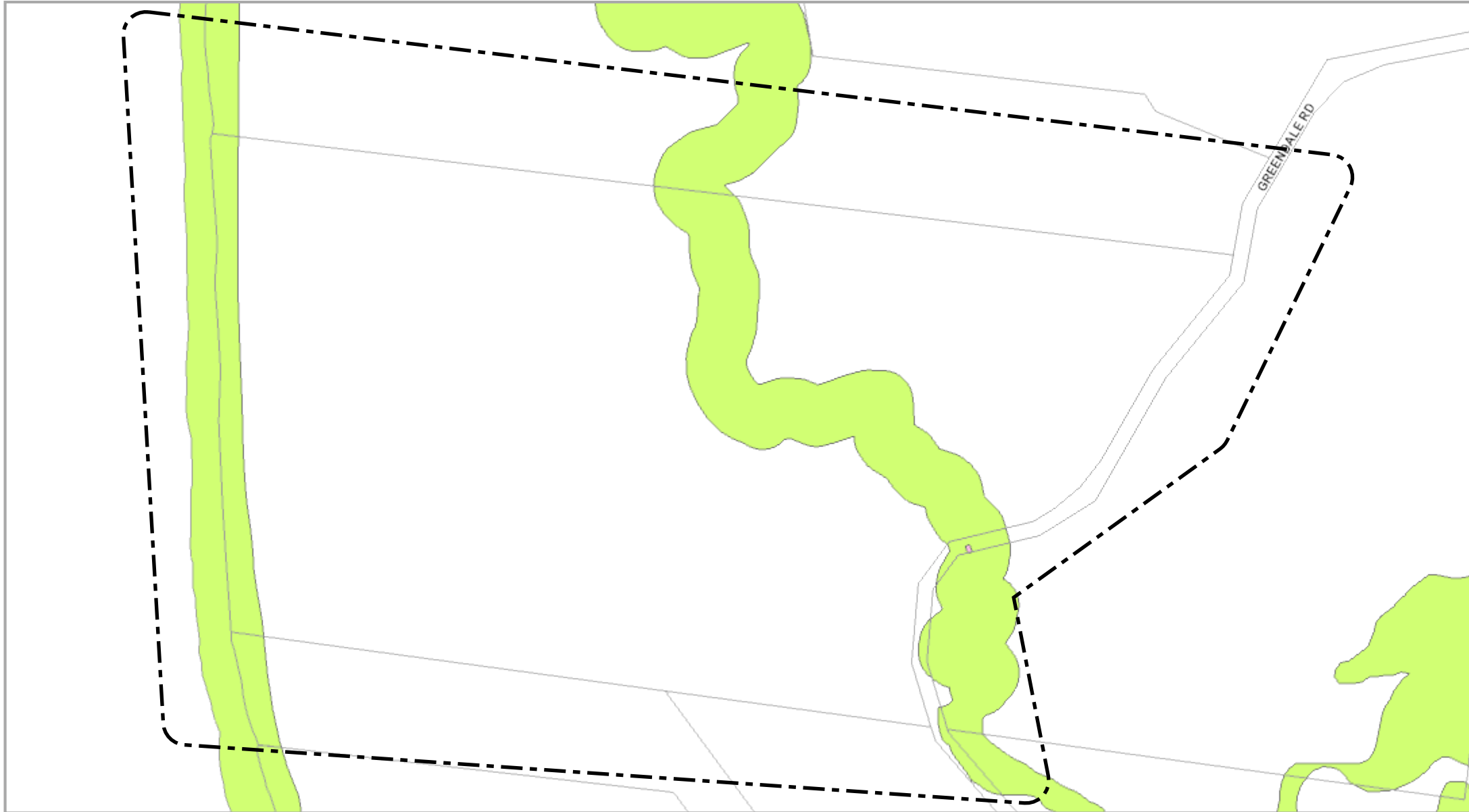
The assets owners listed below have been requested to contact you with information about their asset locations within 2 working days. Additional time should be allowed for information issued by post. It is **your responsibility** to identify the presence of any underground assets in and around your proposed dig site. Please be aware, that not all asset owners are registered with the Dial Before You Dig service, so it is **your responsibility** to identify and contact any asset owners not listed here directly.

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










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

Seq. No.	Authority Name	Phone	Status
98922741	Endeavour Energy	0298534161	NOTIFIED
98922740	Liverpool City Council	1300362170	NOTIFIED
98922743	Sydney Water	132092	NOTIFIED
98922742	Telstra NSW, Central	1800653935	NOTIFIED

END OF UTILITIES LIST



Legend | Scale: 1:6773 | Overview

- | | | |
|---|---|--|
|  Bus Stops |  Kerb and Gutter |  Cadastre |
|  Pits |  Footpaths and Cycleways |  Bridges |
|  Headwalls |  Pipes |  Environmentally Sensitive Land |

DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Liverpool City Council or PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



WARNING

- **All electrical apparatus shall be regarded as live until proved de-energised.** Contact with live electrical apparatus will cause severe injury or death.
- In accordance with the *Electricity Supply Act 1995*, you are obliged to report any damage to Endeavour Energy Assets immediately by calling **131 003**.
- The customer must obtain a new set of plans from Endeavour Energy if work has not been started or completed within twenty **(20)** working days of the original plan issue date.
- The customer must contact Endeavour Energy if any of the plans provided have blank pages, as some underground asset information may be incomplete.
- Endeavour Energy underground earth grids may exist and their location **may not** be shown on plans. Persons excavating are expected to exercise all due care, especially in the vicinity of padmount substations, pole mounted substations, pole mounted switches, transmission poles and towers.
- Endeavour Energy plans **do not** show any underground customer service mains or information relating to service mains within private property.
- Asbestos or asbestos-containing material may be present on or near Endeavour Energy's underground assets.
- Organo-Chloride Pesticides (OCP) may be present in some sub-transmission trenches.
- All plans must be printed and made available at the worksite where excavation is to be undertaken. Plans must be reviewed and understood by the crew on site prior to commencing excavation.

INFORMATION PROVIDED BY ENDEAVOUR ENERGY

- Any plans provided pursuant to this service are intended to show the approximate location of underground assets relative to road boundaries, property fences and other structures at the time of installation.
- Depth of underground assets may vary significantly from information provided on plans as a result of changes to road, footpath or surface levels subsequent to installation.
- Such plans have been prepared solely for use by Endeavour Energy staff for design, construction and maintenance purposes.
- All enquiry details and results are kept in a register.

DISCLAIMER

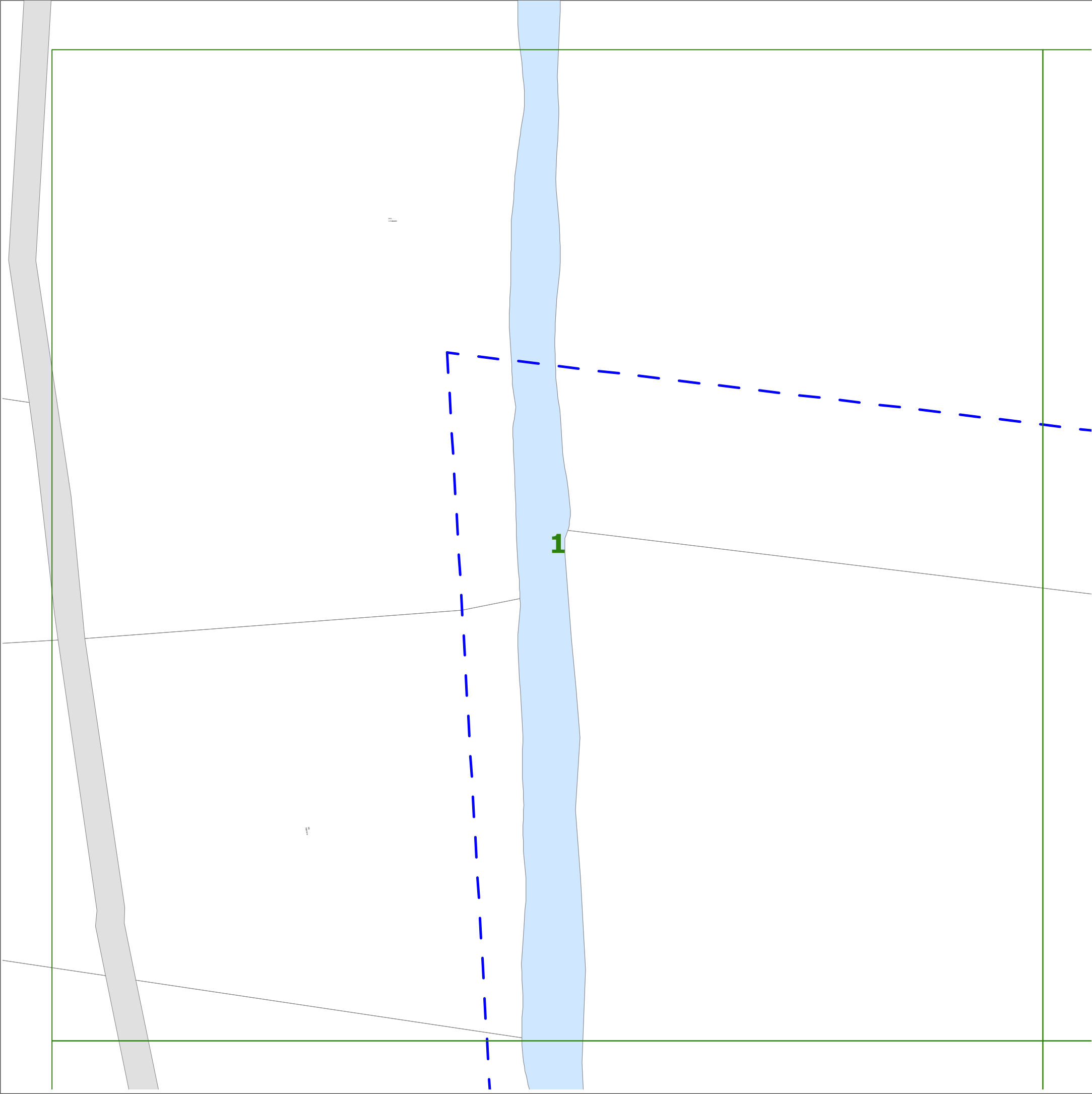
Whilst Endeavour Energy has taken all reasonable steps to ensure that the information contained in the plans is as accurate as possible it will accept no liability for inaccuracies in the information shown on such plans.

LEGEND

- or ■ Street light column
- ▤ Padmount substation
- or ■ Overground pillar (O.G.Box)
- ▤ Underground pit
- ▬ Duct run
- ▬ Cable run
- ⊙ Typical duct section
- ▲ Asbestos warning

**NOT TO SCALE**

DBYD Sequence No.:	98922741
Issued Date:	22/06/2020



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






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- All enquiry details and results are kept in a register.

DISCLAIMER

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LEGEND

-  or  Street light column
-  Padmount substation
-  or  Overground pillar (O.G.Box)
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






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






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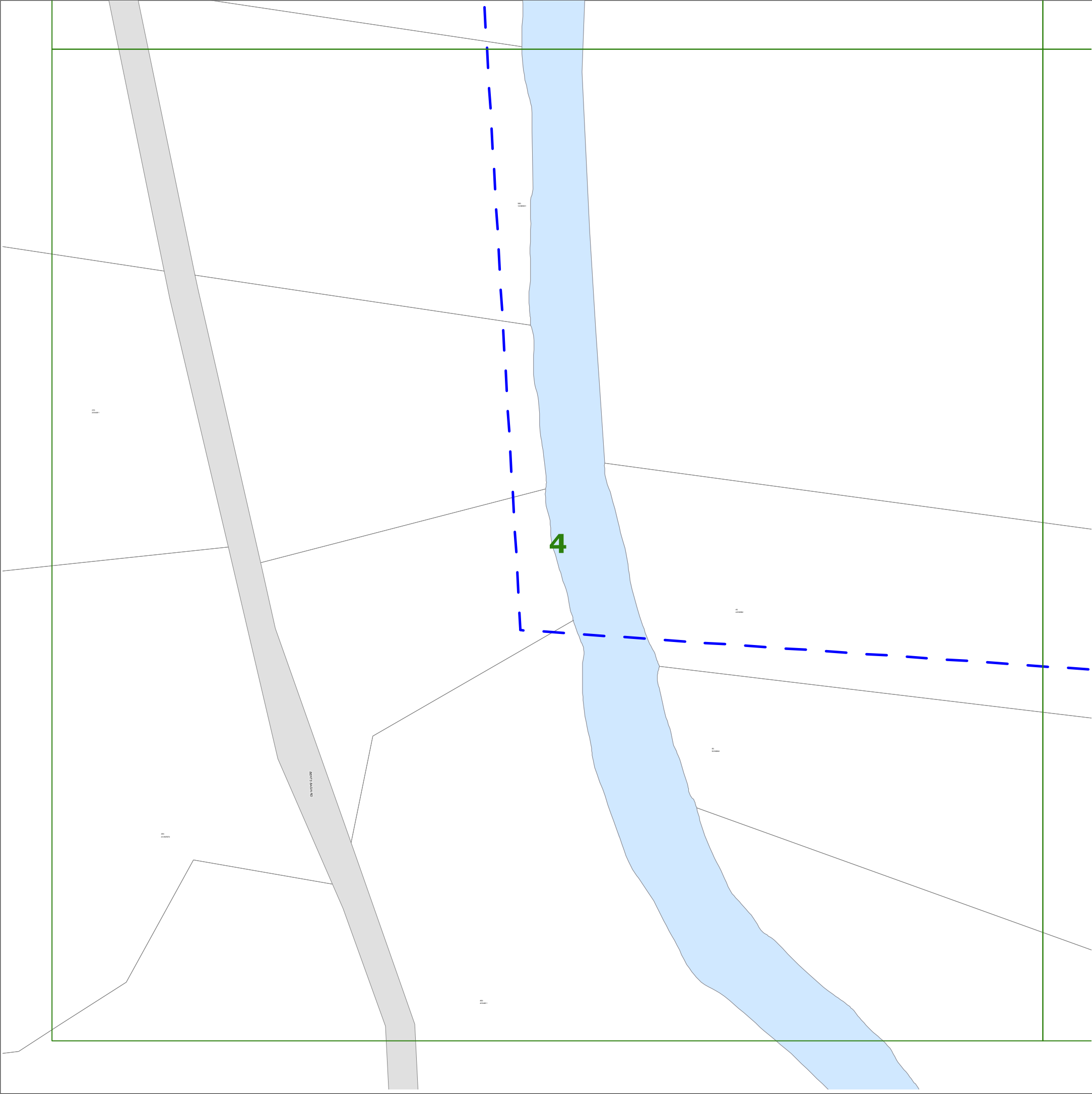
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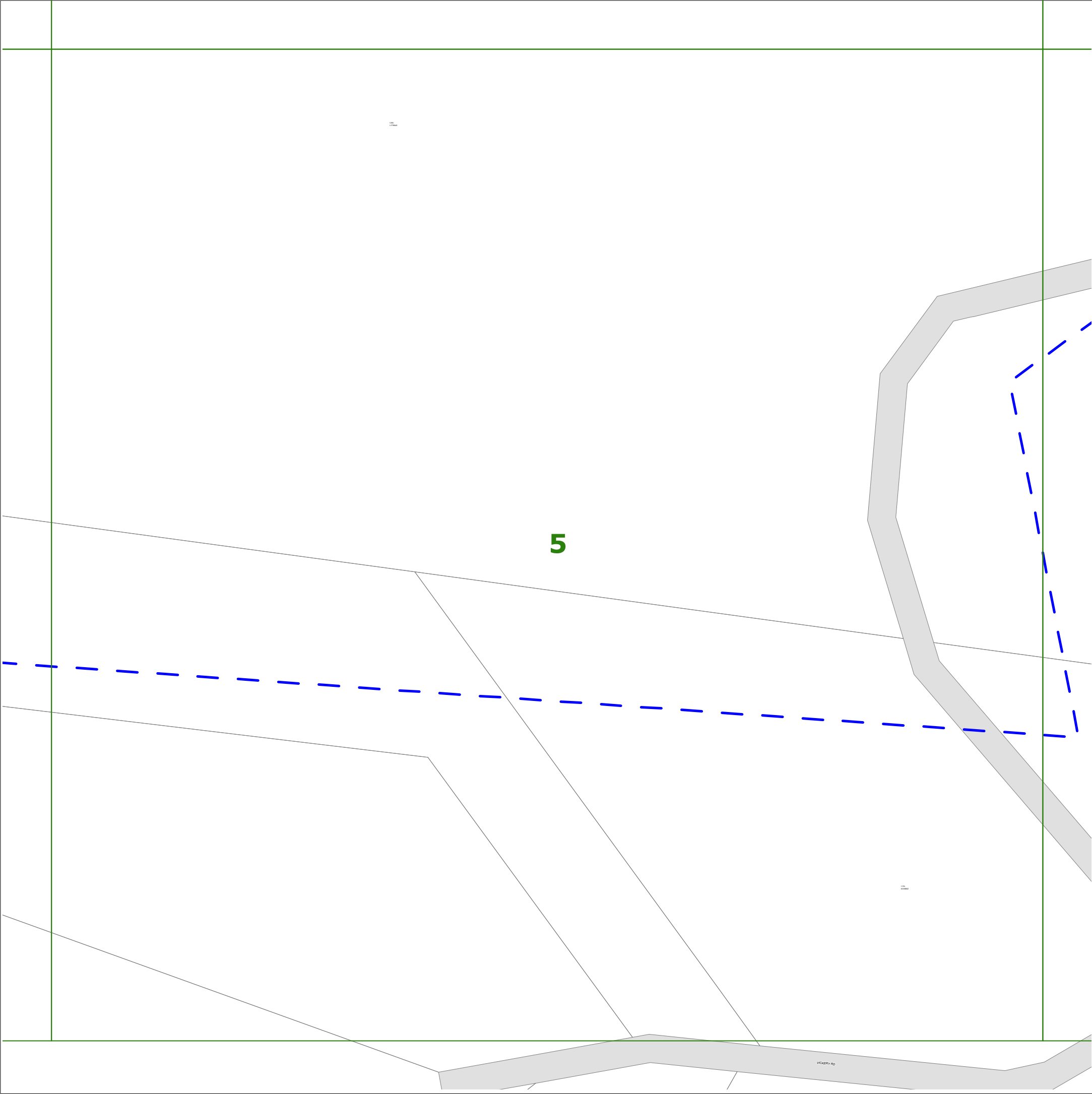
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






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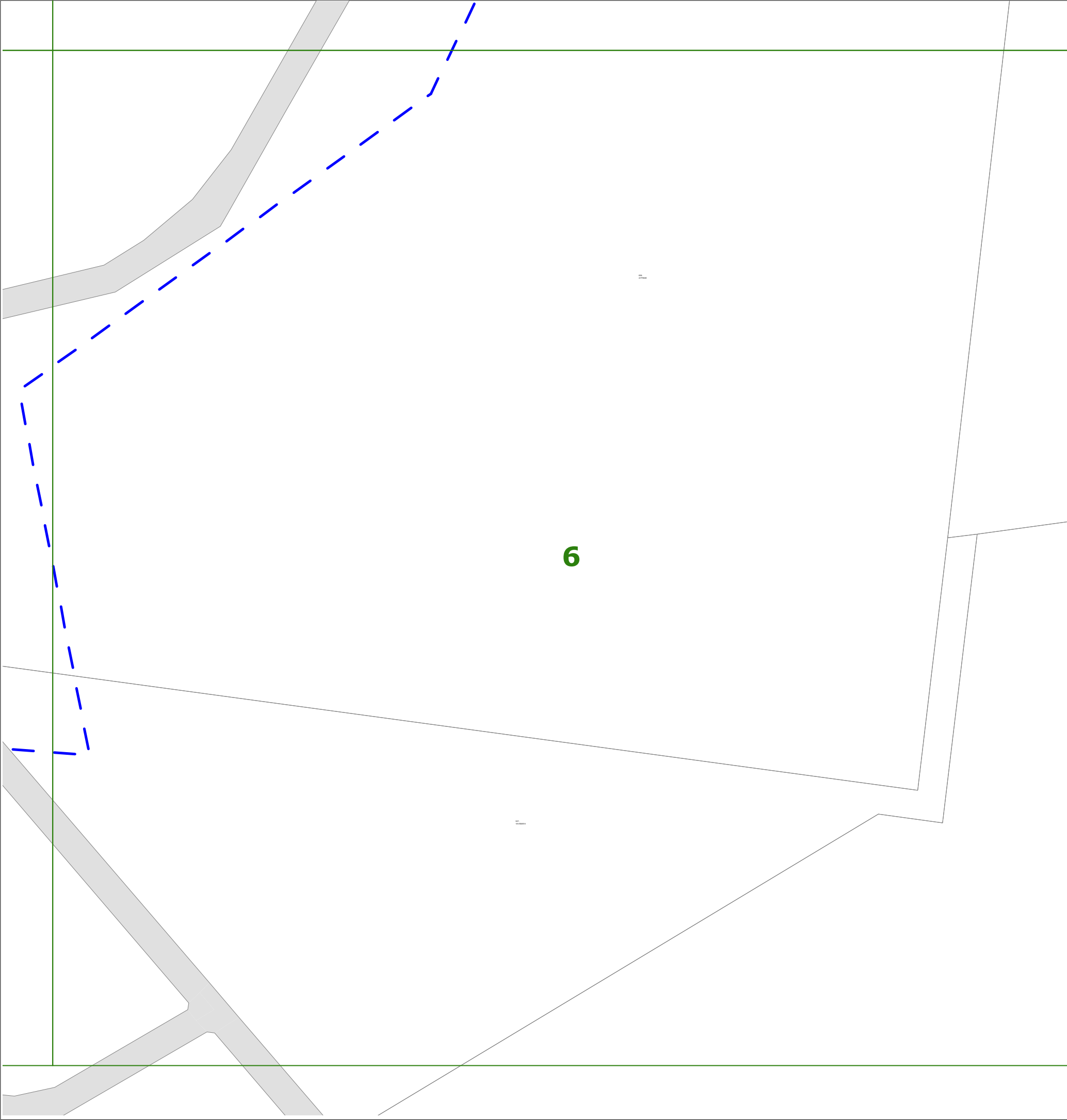
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






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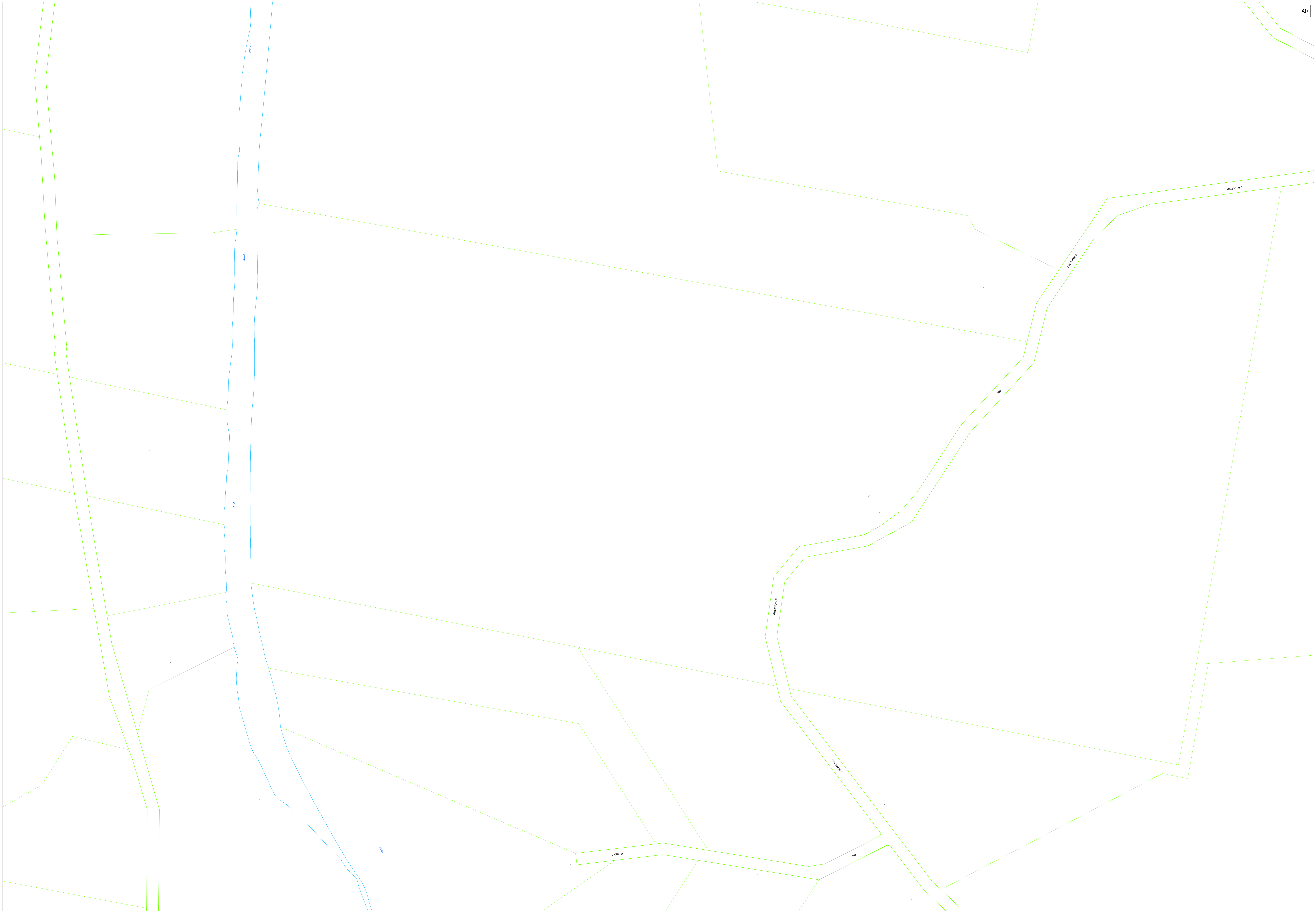
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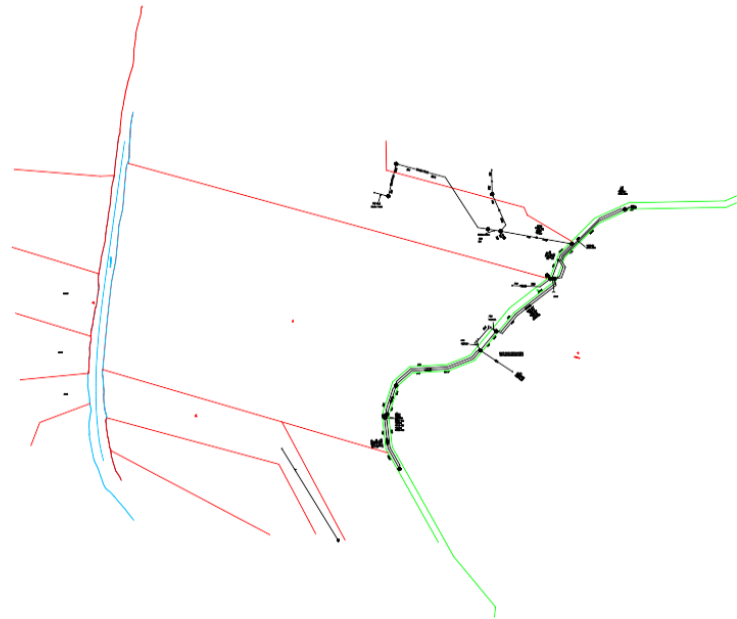
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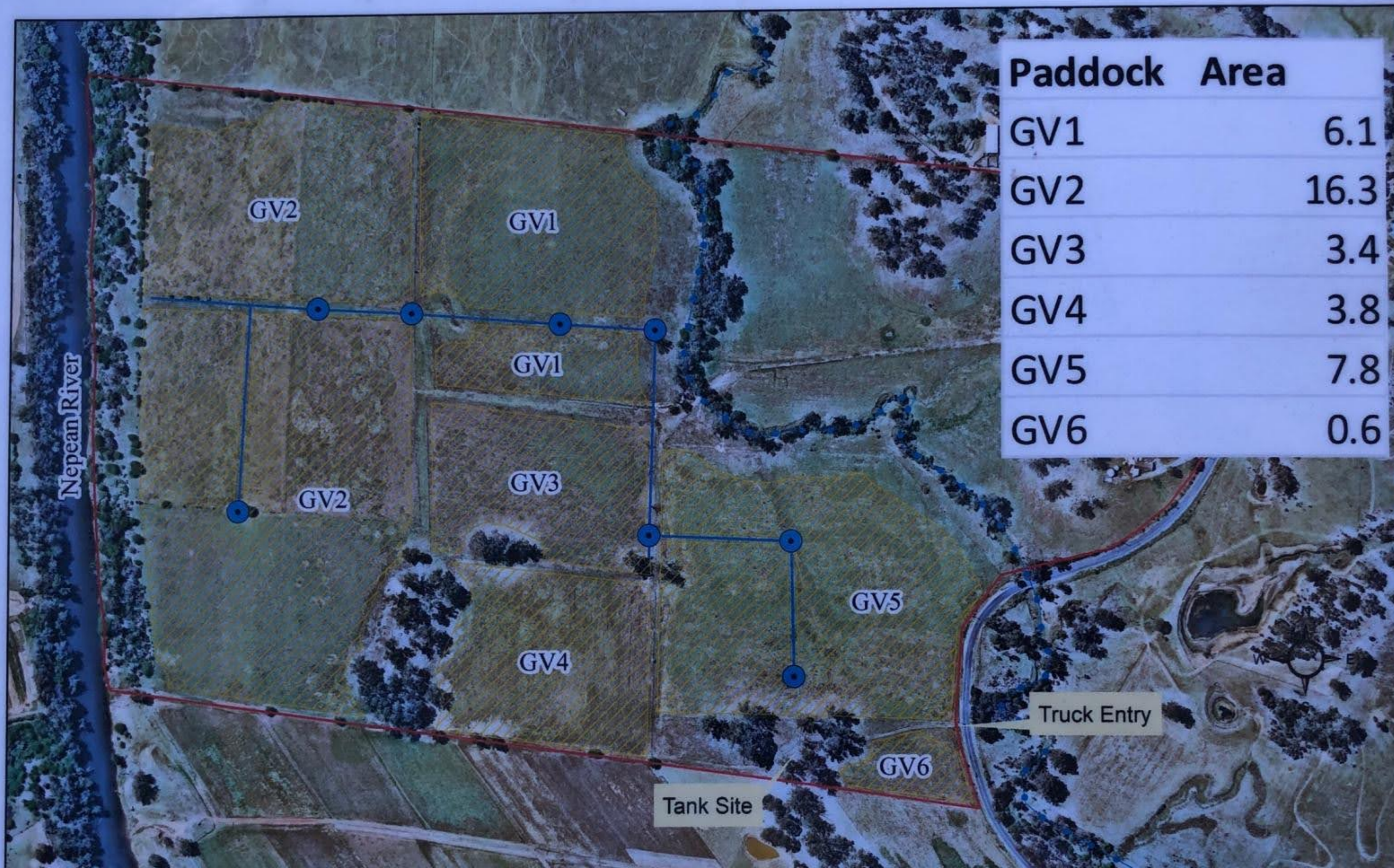


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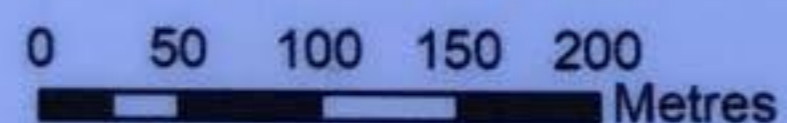


Paddock	Area
GV1	6.1
GV2	16.3
GV3	3.4
GV4	3.8
GV5	7.8
GV6	0.6

Glen View - 1290 Greendale Rd, Wallacia



Loop Organics
P.O Box 259
Berry, NSW, 2535.
Ph: (02) 4464 1800



Map Details

File name: Glen View Property
Date: 08/05/2020
Datum: WGS 1984
Author: Luke Hams
Projection: Mercator Auxiliary Sphere

Legend

- Hydrant
- Irrigation Line
- Glen View Paddocks
- Duncans Creek
- Property Boundary

Appendix D

Title Search Results



ABN: 36 092 724 251
Ph: 02 9099 7400
(Ph: 0412 199 304)

Level 14, 135 King Street, Sydney
Sydney 2000
GPO Box 4103 Sydney NSW 2001
DX 967 Sydney

Summary of Owners Report

Address: - 1290 Greendale Park Road, Wallacia

Description: - Lot 1290 D.P. 776645

<u>Date of Acquisition and term held</u>	<u>Registered Proprietor(s) & Occupations where available</u>	<u>Reference to Title at Acquisition and sale</u>
28.12.1928 (1928 to 1952)	Greendale Limited	Book 1544 No. 706 Now Vol 4510 Fol 150
22.08.1952	Surrender to the Crown	
05.09.1952 (1952 to 1971)	Leslie King Wines	Crown Tenure Closer Settlement Lease 1952/2 Penrith Then Crown Tenure Settlement Purchase 1970/1 Penrith Now Vol 11444 Fol 153
02.09.1971 (1971 to 1979)	Dennis Edwynne Robinson (Billiard Room Proprietor)	Vol 11444 Fol 153
12.12.1979 (1979 to 2000)	Thelma May Robinson (Home Duties) Now Thelma May Verran	Vol 11444 Fol 153 Now 1/776645
19.06.2000 (2000 to 2018)	Paul Galea Mary Galea	1/776645
20.08.2018 (2018 to date)	# Soukutsu Pty Ltd	1/776645

Denotes current registered proprietor

Easements: -

- 26.07.1988 (D.P. 776645) Easement for Underground Water Supply and Pipeline 4 wide

Leases: -

- 24.06.1980 to Donald Moss Fisher (Farmer) & Alice Eileen Maria Fisher (Married Woman) – expires 30.06.1982
- 10.05.1995 (O 219199) – easement expired, not investigated
- 13.03.2000 (6635484) – easement expired, not investigated
- 06.12.2005 (AB 963737) – easement expired, not investigated
- 15.12.2010 (AF 766005) – easement expired, not investigated

Yours Sincerely,
Mark Groll
28 June 2020

PLAN FORM 2

SIGNATURE AND SEALS ONLY.

John David Black

AS HORTICULTURE UNDER VOTING IN THE 1988 ELECTION, WESTPAC BANKING CORPORATION HEREBY CONSENTS TO THE WITHIN PLAN OF SUBDIVISION.

Crown Lands Office Approval

PLAN APPROVED

Land District

Field Book

Council Clerk's Certificate

I hereby certify that -

(a) the requirements of the Local Government Act, 1959 (other than the requirements for the registration of plans), and

(b) the requirements of section 348 of the Metropolitan Water, Sewerage and Drainage Act, 1956, as amended, in relation to the

proposed subdivision

(insert "new road" subdivision if the proposed subdivision is a new road)

Subdivision No. 124

Date 3-6-1988

(Signature) *John David Black*

Council File No. 362-66

"This part of certificate to be deleted where the application is only for a subdivision of land or the opening of a new road or where the land to be subdivided is wholly outside the area of operations of the Metropolitan Water, Sewerage and Drainage Board and the Hunter District Water Board."

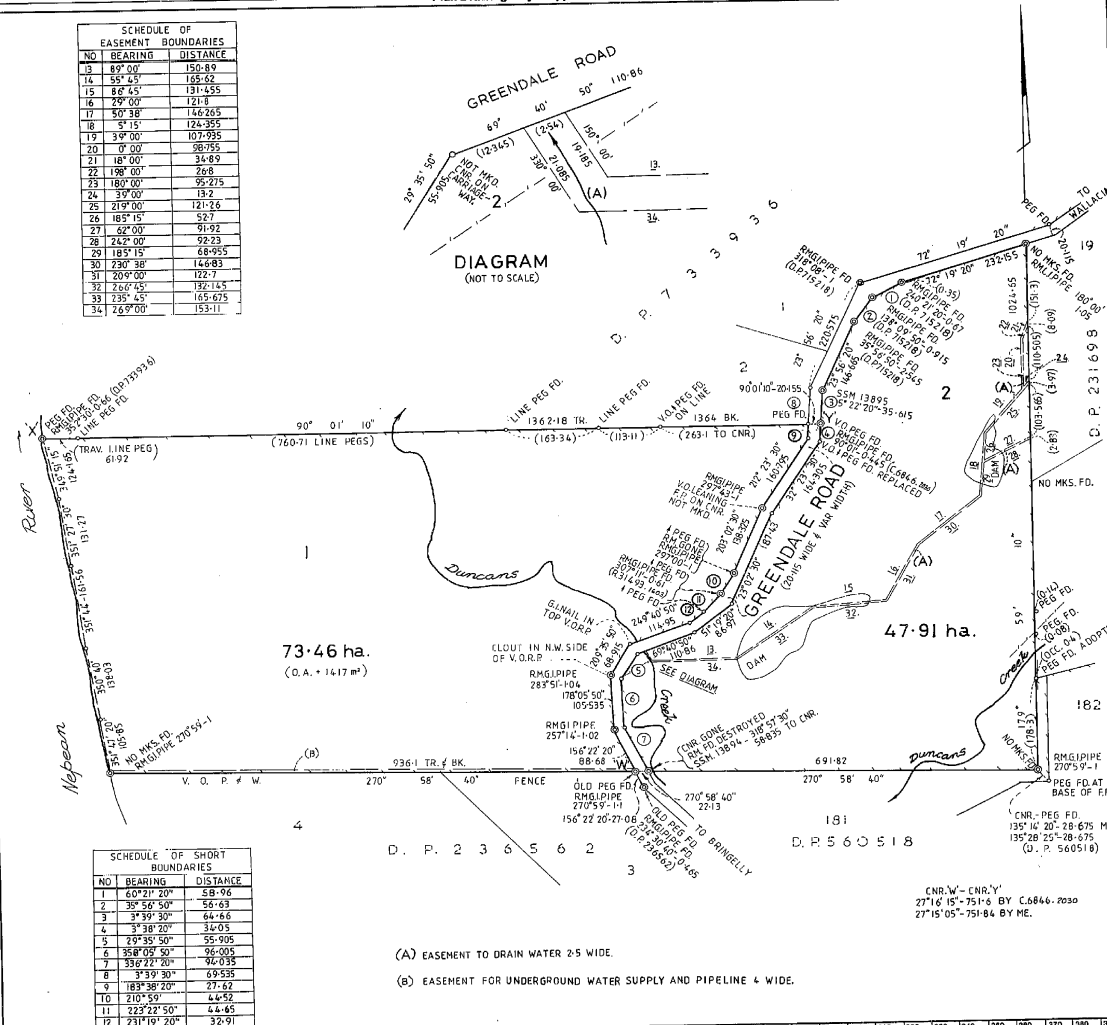
I Declare It Inapplicable.

SURVEYOR'S REFERENCE: 1243/07

NO	BEARING	DISTANCE
13	89° 00'	150.89
14	55° 23'	165.82
15	84° 45'	131.455
16	29° 00'	121.8
17	50° 38'	146.265
18	9° 15'	124.355
19	3° 00'	107.955
20	0° 00'	98.755
21	18° 00'	34.89
22	198° 00'	2.8
23	180° 00'	95.275
24	30° 00'	13.2
25	219° 00'	121.245
26	185° 15'	52.7
27	62° 00'	91.92
28	242° 00'	92.23
29	183° 15'	68.955
30	730° 38'	146.83
31	209° 00'	122.7
32	260° 45'	132.145
33	738° 45'	165.625
34	269° 00'	153.11

NO	BEARING	DISTANCE
1	60° 21' 20"	58.96
2	35° 50' 50"	58.63
3	3° 59' 30"	44.65
4	3° 38' 20"	34.05
5	29° 35' 50"	55.905
6	35° 09' 50"	96.005
7	316° 22' 20"	26.035
8	3° 39' 30"	69.535
9	183° 38' 20"	27.62
10	210° 50'	4.452
11	223° 22' 50"	44.65
12	231° 19' 20"	32.91

Plan Drawing only to appear in this space



(A) EASEMENT TO DRAIN WATER 2.5 WIDE.

(B) EASEMENT FOR UNDERGROUND WATER SUPPLY AND PIPELINE 4 WIDE.

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

*OFFICE USE ONLY

DP 776645

Registered: 26-7-1988

C.A. NO 1988 /24 OF 3-6-1988

Title System: TORRENCE

Purpose: SUBDIVISION

Ref. Map: PH CUMBERLAND 7

06445-4#7

Last Plan: C 6846 2030

PLAN OF SUBDIVISION OF PT. LOT 45 IN D.P.752016

Lengths are in metres. Reduction Ratio 1:5000

Mun./Shire City

LIVERPOOL

Locality: GREENDALE

Parish: BRINGELLY

County: CUMBERLAND

This is sheet 4 of my plan in (Delete if inapplicable) sheets.

I, JOHN DAVID BLACK, of R.O. BOX 51, JANNAL, 2276,

a surveyor registered under the Surveyors Act, 1929, as amended, hereby certify that the survey represented in this plan

is accurate and has been made in accordance with the Survey Practice Regulations, 1958 and any special requirements of the Department of Lands, and was completed on

30th OCTOBER, 1987.

Signature: *John David Black*

Surveyor registered under Surveyors Act, 1929, as amended.

Deputy Line of Assent, "X" - Y

Assent Date of Survey.

Plans used in preparation of survey/compilation:

C 6846, 2030 D.P. 560518

M 14361 Sy. D.P. 715218

R 31493, 1603 D.P. 733936

D.P. 231698

D.P. 236562

PANEL FOR USE ONLY for statements of intention to dedicate public roads or to create public reserves, drainage reserves, easements, restrictions on the use of land or positive covenants.

PURSUANT TO SECTION 88B OF THE CONVEYANCING ACT 1919-1964 IT IS INTENDED TO CREATE:

1. EASEMENT TO DRAIN WATER 2.5 WIDE.

2. EASEMENT FOR UNDERGROUND WATER SUPPLY AND PIPELINE 4 WIDE.

AS SET OUT IN THE ACCOMPANYING INSTRUMENT.

This negative is a photograph made as a permanent record of a document in the custody of the Registrar General this day, 27th July, 1988



10 20 30 40 50 60 70 Table of mm 110 120 130 140

APPLICATION TO BRING LANDS UNDER THE PROVISIONS OF
THE REAL PROPERTY ACT, 1933

	£	s.	d.
Assurance ...	54	9	4
Lodgment ...	1	0	
Certificate ...	1	5	
Advertising...	1	10	
Office Copy Plan ...		5	
Total	58	9	4



CAUTION: Applicants are reminded that by virtue of the provisions of the Crimes Act, 1900, and the provisions of the Real Property Act, 1900, every person who procures a Certificate through any fraud, error, omission, misrepresentation, or misdescription will, notwithstanding any disclaimer, remain liable for damages to any person thereby prejudiced. And any person who fraudulently procures, or attempts to procure, any Certificate of Title, is declared guilty of a crime, and is liable to a penalty not exceeding \$500, or imprisonment not exceeding three years; and any Certificate thereby procured is rendered void ab initio.

I, WILLIAM GEORGE MATCHETT of "Borambil" Redmyre Road Strathfield in the State of New South Wales Grazier the duly constituted Attorney of Greendale Limited whose registered Office is at Strathfield aforesaid do solemnly and sincerely declare that the said Greendale Limited is seized for an Estate in fee simple of the land delineated on the Plan annexed hereto and marked "A" situated in the Parish of Bringelly and Cook County of Cumberland and State of New South Wales comprising Five thousand three hundred and fifty (5350) acres being Portions 6 and 9 and part of Portions 2, 5, 7, 8, 10 and 11 in the Parish of Bringelly and also comprising Two hundred and eighty five (285) acres being part of Portion 14 Parish of Bringelly and part of Portion 6 Parish of Cook and also comprising Eight acres one rood thirtyeight perches (8 acs. 1 rd. 38 pchs.) being part of Portion 11 Parish of Bringelly aforesaid which land including all improvements is of the value of Twenty six thousand One hundred and forty five pounds (£26,145-0-0) (Valuer General's Valuation) and being the whole or part of the land hereinafter mentioned comprised in the following Crown Grants under the hand of the Governor of the Colony -

<u>Part or whole of Grant.</u>	<u>Date of Grant.</u>	<u>Area.</u> <u>acs.</u>	<u>Grantee.</u>	<u>Parish.</u>
Whole (P ⁿ . 6 P ⁿ)	25th August 1812	700 ✓	George Thomas Palmer ✓	Bringelly
Part Do. (P ⁿ . 8 P ⁿ)	25th August 1812	550 ✓	Samuel Fowler ✓	Do.
Whole Do. (P ⁿ . 5 P ⁿ)	1st January 1811	500 ✓	Mary Birch ✓	Do.
Part (P ⁿ . 2 P ⁿ)	8th October 1816	1200 ✓	D'Arcy Wentworth ✓	Do.
20-6-1816 Do. (P ⁿ . 5 P ⁿ)	1st January 1811	700 ✓	William Gore ✓	Do.
Do. (P ⁿ . 7 P ⁿ)	20th June 1816	1500 ✓	John Piper ✓	Do.
which land (including all improvements) is of the value of £				
Do. (P ⁿ . 10 P ⁿ)	20th June 1816	1000 ✓	D'Arcy Wentworth ✓	Do.
Do. (P ⁿ . 11 P ⁿ)	1st January 1811	1265 ✓	Ellis Bent ✓	Do.
by Crown grant, under the hand of the Governor of the Colony, dated the				
Do. (P ⁿ . 14 P ⁿ)	10th June 1815	800 ✓	Ellis Bent ✓	Do.
Do. (P ⁿ . 6 P ⁿ)	22nd August 1812	700 ✓	Edward Smith Hall ✓	Cook
And I further declare, that we verily believe there does not exist any lease or agreement for lease of the said land, for any term exceeding a tenancy for one year, or from year to year.				

Also, that there does not exist any mortgage, lien, writ of execution, charge or encumbrance, will or settlement, or any deed or writing, contract, or dealing (other than such lease or tenancy as aforesaid), giving any right, claim, or interest in or to the said land, or any part thereof, to any other person than ~~myself~~ ^{Greendale Limited}

and ¹ further declare, that there is no person in possession or occupation of the said land or any part thereof adversely to ^{my} Estate or Interest therein, and that the said land is now ⁱⁿ in the occupation of Greendale Limited by the Company Overseer Harry Crystal who has the right of residence whilst in the Company's employ.

and that the owners and occupiers of adjacent lands are as follows :-

State whether on North, South, East, or West.	Name.	State whether owner or occupier.	Address.
North	R. Graham ✓	Owner & Occupier	Bringelly
	Miss Peterson ✓	Do.	Do.
	C. Kerridge ✓	Owner	St. Marys
	J. Vickery ✓	Occupier	Bringelly
	S. C. Green ✓	Owner	14 St. Thomas Street, Waverley.
	Mrs. A. Hayman ✓	Do.	9 Ocean Street, Bondi.
	J. P. Green ✓	Do.	Trellawarren, Dick Street, Henley.
	W. P. Welch ✓	Do.	Raglan Street, Mosman.
	Miss E. Allen ✓	Do.	37 Guilford Road, Mt. Lawley, Western Australia.
	Mrs. E. Bray ✓	Owner & Occupier	Bringelly
	F. C. Emery ✓	Do.	Do.
	A. Booth ✓	Do.	Do.
	S. H. Wilmington ✓	Do.	Do.
	J. Lovat ✓	Do.	Do.
West	F. S. Leggo ✓	Do.	Bringelly.
	John Strang ✓	Do.	Castle Hill.
South	W. C. Wentworth ✓	Owner	C/- Norton Smith & Co., Solicitors, Hunter Street, Sydney.
	J. Auld ✓	Occupier	Bringelly.
	M. A. Vickery ✓	Do.	Do.
	M. T. & M. Holtz ✓	Do.	Do.
	M. D. Pye ✓	Owner & Occupier	Do.
East	M. Vickery ✓	Do.	Do.
	C. W. Vickery ✓	Do.	Do.
	George Maiden ✓	Do.	C/- Asher, Old & Jones, Solicitors, Sydney.

And ¹we further declare, that the annexed Schedule, to which ^{my}our signature ^{is}are affixed, and which is to be taken as part of this Declaration contains a full and correct list of all settlements, deeds, documents, or instruments, maps, plans and papers relating to the land comprised in this application, so far as ^{we} have any means of ascertaining the same, distinguishing such as being in ^{my}our possession or under control, are herewith lodged and indicating where or with whom, so far as known to ^{me}us, any others thereof are deposited; Also, there does not exist any fact or circumstance whatever material to the title, which is not hereby fully and fairly disclosed to the utmost extent of ^{my}our knowledge, information, and belief; and that there is not, to ^{my}our knowledge and belief, any action or suit pending affecting the said land, nor any person who has or claims any estate, right, title or interest therein, or in any part thereof, otherwise than by virtue and to the extent of some lease or tenancy hereby fully disclosed.

If there be any exception add the words "except as follows" and state necessary particulars.

If made in New South Wales this declaration must be attested by the Registrar-General or Deputy, or by a Notary Public, or by a Justice of the Peace, or Commissioner for Affidavits. If made outside the State it should be made according to the law of the State where made, before a person authorised by that law to take declarations. If the signature be by mark, the attestation must state that the document was read over to the declarant, and that he appeared fully to understand the contents. This applies also to the subjoined direction, particularly if a different person be nominated to receive certificate.

And ¹we make this solemn Declaration, conscientiously believing the same to be true.

DATED at Sydney this twenty fourth day of May 1929.

(RULE UP ALL BLANKS BEFORE SIGNING.)

Made and subscribed by the above-named William George Hatchett this 24 day of May 1929 in the presence of

Signature of Applicant

W. G. Hatchett

Garnet W. Henry

To the Registrar General,—

¹ We WILLIAM GEORGE HATCHETT

the above declarant, do hereby apply to have the land described in

above declaration brought under the provisions of the Real Property Act, and request you to issue the Certificate of Title in the name of Greendale Limited.

DATED at Sydney this 24 day of May 1929.

Witness to Signature—

Garnet W. Henry

(Signature of Applicant)

W. G. Hatchett

* N.B.—The Schedule below and Certificate indorsed on fourth page should be also signed.

In no case can any alterations, however trifling, be allowed to be made after the application has been once declared, unless all the parties re-sign and re-declare the same. If it is discovered that any alterations are necessary, the applicant may make a statutory declaration setting out in what manner he desires application to be altered, which declaration will then (unless the Registrar General considers that a fresh application ought to be made) be read as one with application.

(RULE UP ALL BLANKS BEFORE SIGNING.)

SCHEDULE REFERRED TO.*

(TO BE SIGNED BY APPLICANT IMMEDIATELY BELOW THE LAST DOCUMENT SCHEDULED.)

To include not only Title Deeds, &c., but also Plan, if any, and Surveyor's Declaration verifying same.

* For the particulars which this Schedule must comprise, see concluding part of Declaration, to which particular attention is directed, as any omission or misstatement will render applicant liable to the penalties of false Declaration.

Such of the Deeds and Documents as are in applicant's possession or control, must be deposited with the application. Counterpart leases must be included, but these will be returned, if required.

After the issue of the Certificate of Title, attested copies of unregistered documents may be required.

No.	Date.	Nature of Instrument.	Parties.	Registration.		When and by whom Lodged.
				Book.	No.	
<u>DOCUMENTS IN POSSESSION OF APPLICANT.</u>						
1	1928	Abstract of Title - Queensland Trustees Limited and F. A. Mayne to land at Bringelly				
2	25/8/1912	Crown Grant -	under hand of Governor of the Colony to Samuel Fowler of 550 acres.			
3	25/8/1912	Attested copy Crown Grant to George Thomas Palmer under the hand of the Governor of the Colony to 700 acres in the District of Bringelly Registered Number 3 Page 36.				

Should any transaction affecting the land in this application be entered into or any alterations in the building or fences be made subsequent to the date of the application, but prior to the issue of the Certificate of Title, the Registrar General should be informed immediately, and all documents evidencing such transaction should be lodged.

SCHEDULE REFERRED TO - (Continued).

Date.	Nature of instrument	Parties.	When & by whom lodged.
22/6/1928	- Copy Decretal Order made in the Supreme Court of New South Wales in Equity in matter No. 5512 of 1929 Mayne & others v Queensland Trustees Limited & others.		
28/12/1928	- Conveyance - Queensland Trustees Limited and Francis Arabin Mayne Trustees of the Will of John Thomas Colburn Mayne the Younger and also as Trustee of the Will of John Thomas Colburn Mayne the Elder to Greendale Limited Registered Number 706 Book 1544.		
15/9/1928	- Statutory Declaration by Horace Ramsay Mayne.		
22/10/1928	- Statutory Declaration by Clifford Simeon Woodhouse.		
<u>DOCUMENTS IN POSSESSION OF MESSRS. P. V. McCULLOCH & BUGGY, SOLICITORS, SYDNEY.</u>			
10/6/1815	- Grant from the Crown to Ellis Bent of 800 acres situated in the District of Bringelly registered in the Secretary's office Page 90, No. 4 Register, Sydney, on 10th April 1817.		
20/6/1816	- Grant from the Crown to William Gore of 700 acres in the District of Bringelly registered in the Secretary's Office Page 163 Number 4 Register Sydney on 11th September 1816.		
1/1/1811	- Copy Grant to Mary Birch of 500 acres situated in the District of Bringelly.		
5/10/1819	- Conveyance - John Birch to D'Arcy Wentworth.		
8/10/1816	- Grant from the Crown to D'Arcy Wentworth of 1200 acres in the District of Bringelly registered in the Secretary's Office Page 167 Number 4 Register on the 17th June 1817.		
16/6/1845	- Release and Disentailing Deed between William Charles Wentworth first part, George Wentworth and Ann Elizabeth his wife second part and Robert Downes third part Registered Number 280 Book 9.		
5/12/1851	- Disentailing Deed between William Charles Wentworth of the first part Gilbert Wright of the second part and William Charles Wentworth of the third part registered Number 389 Book 24.		
1/1/1811	- Copy Grant from the Crown to Ellis Bent of 1265 acres of land in the District of Bringelly to be known by the name of Moulsey Registered Number 3 Page 17.		
20/6/1816	- Copy Grant from the Crown to D'Arcy Wentworth of 1000 acres in the District of Bringelly Registered Number 4 Page 161.		
20/6/1816	- Copy Grant from the Crown to John Piper of 1500 acres in the District of Bringelly to be known as Bathurst Farm registered Number 4 Page 162.		
23/6/1902	- Conveyance - Fitzwilliam Wentworth to John Thomas Colburn Mayne of Moiety of the said Fitzwilliam Wentworth of 8515 acres situated in the District of Bringelly Number 1 Book 715.		
22/11/1881	- Statutory Declaration by Samuel Jackson.		
7/12/1881	- Statutory Declaration by John Lawson.		
9/12/1881	- Statutory Declaration by Arthur Joseph Liddington.		
21/12/1881	- Statutory Declaration by Henry Tudor Shadforth.		
23/12/1881	- Statutory Declaration by Joseph Ward Lowe.		
7/2/1882	- Statutory Declaration by Charles Edward Jeanneret with the following three Leases annexed.		
1/1/1863	- Lease Sarah Keys to C. E. Jeanneret		
2/1/1864	- Lease William Charles Wentworth and Thomas Alexander Reddall to C. E. Jeanneret.		
1/1/1864	- Lease William Charles Wentworth and Thomas Alexander Reddall to C. E. Jeanneret.		

P.W. McCulloch & Buggy
28 AUG 1929

P.W. McCulloch & Buggy
19.9.29.

P.W. McCulloch & Buggy
28 AUG 1929.

- 449 5.3.1924 Office Copy of will of J.C. Mayne
 50 26.8.1924 " " " " J.C. Mayne
 51 19-11-28 Receipt for redemption of quitrent on grant to Philip Bent
 52 ✓ " " " " " " " " to Philip Bent
 53 ✓ " " " " " " " " to Philip Bent
 54 ✓ " " " " " " " " to Philip Bent
 55 18.11.28 Transferred to P.30150 on 2/3/30 " " " " to Wacey
 56 ✓ " " " " " " " " Wentworth dated 17/9/1819
 57 17-7-29 " " " " " " " " quit rent on grant to Wacey
 58 ✓ " " " " " " " " Wentworth on 20/6/1816
 59 ✓ " " " " " " " " quit rent on grant to S. J. Palmer
 60 ✓ " " " " " " " " dated 25/9/1812
 " " " " " " " " on grant to P. Fowler
 " " " " " " " " dated 25/9/1812
 " " " " " " " " on grant to W. Gore
 " " " " " " " " dated 20/6/1816
 " " " " " " " " on grant to Wacey
 " " " " " " " " Wentworth dated 2/10/1816

- 61 Rhine Rate notice No 1278
 62 13.5.1930 Statute of W.G. Matchett re addresses
 63 1928 Memo & articles of assocn. of Greendale Ltd
 64 22.3.1930 Letter, A.R. Parkinson to R.G.
 65 22.5.1930 Letter M. P. Lands to Garland, Peaborn & Abbott
 66 11.5.1928 Contract for sale to W.G. Matchett
 67 2.9.1929 Agreement for sale Greendale Ltd to J.B. Pye
 68 Municipal Rate Notice No 373
 69 8-12-1930. Plat decln by Wm Geo. Matchett re quads. 38 43 & 44.
 70 2-12-1930. Nomination in favour of John B Pye.
 71 2-12-1930 Letter, W.G. Matchett attorney for applicant company to Reg. Genl as to sale of part of land to be let Vicary & requesting name of separate cests of title.
 72 2-9-1929. Agreement for sale, Greendale Ltd to J.B. Pye.
 73 6-6-1930 " " " " " " " " J.B. Vicary.
 74 18-9-1931 Plat decln by John B. Pye re bankruptcy.
 75 10-12-1931 Letter from Messrs P.V. McEulloch & Bryony consenting to retention of certain documents.
 76 15-12-1931. Plat decln by Wm Geo. Matchett
 77 24-12-1931 " " " " " " " " John B. Pye with annex A.
 78 14-1-1932 Plat decln by Alan C. Abbott with annex A & B. re contracts to Pye & Vicary & Vicary.

(TO BE SIGNED BY APPLICANT, IF UTILISED, IMMEDIATELY BELOW THE LAST DOCUMENT SCHEDULED.)

(TO BE SIGNED BY APPLICANT, IF UTILISED, IMMEDIATELY BELOW THE LAST DOCUMENT SCHEDULED.)

No.	Date	Nature of Instrument	Parties	Registration Book & No.	When and by whom Lodged
X	17/2/1882	/- Statutory Declaration by T. A. Reddall.	T. A. Reddall.		
29	16/5/1882	- Statutory Declaration of Thomas Alexander Reddall with the next mentioned Declaration annexed.	Thomas Alexander Reddall		
30	23/3/1882	- Statutory Declaration of Thomas Verrier Alkin with the following annexures.	Thomas Verrier Alkin		
31		Certificate of Marriage John Reddall and Martha Wentworth.	John Reddall and Martha Wentworth		
32		Certificate of Birth of T. A. Reddall.	T. A. Reddall.		
33		" Certificate of Burial of G. T. Reddall.	G. T. Reddall.		
✓ 34	18/10/1881	- Disentailing Deed T. A. Reddall 1st part, T. Salter 2nd. part, and T. A. Reddall 3rd part Registered Number 995 Book 233.	T. A. Reddall, T. Salter, T. A. Reddall		
✓ 35	21/3/1883	- Covenant to Produce Fitzwilliam Wentworth and T. A. Reddall.	Fitzwilliam Wentworth and T. A. Reddall		
✓ 36	21/1/1884	- Conveyance, T. A. Reddall to J. T. C. Mayne registered Number 422 Book 282.	T. A. Reddall to J. T. C. Mayne		
✓ 37	11/10/1928	- Deed of Appointment of New Trustees between H. R. Mayne and anor. of the one part and Queensland Trustees Ltd. and Anor. of the other part registered Number 24 Book 1539.	H. R. Mayne, Queensland Trustees Ltd., etc.		
✓ 38	5/7/1827	- Office copy Will of D'Arcy Wentworth.	D'Arcy Wentworth		
✓ 39	9/12/1842	- Conveyance R. T. Platt of the 1st part, George Wentworth of the 2nd. part, W. Q. Wentworth of the 3rd part Registered Number 279 Book 9.	R. T. Platt, George Wentworth, W. Q. Wentworth		
✓ 40	23/5/1902	- Statutory Declaration by Fitzwilliam Wentworth.	Fitzwilliam Wentworth		
✓ 41	23/5/1902	- Deed of Covenant - Fitzwilliam Wentworth with J.G. Mayne.	Fitzwilliam Wentworth with J.G. Mayne		
✓ 42	18/7/1902	- Indenture of Reconveyance - Bank of New South Wales to J. T. C. Mayne Registered Number 392 Book 725.	Bank of New South Wales to J. T. C. Mayne		
✓ 43	19/7/1902	- Mortgage - J. T. C. Mayne to the Bank of New South Wales Registered Number 546 Book 716.	J. T. C. Mayne to the Bank of New South Wales		
✓ 44	5/1/1903	- Statutory Discharge of last mentioned Mortgage Registered Number 585 Book 751.	Mortgage discharge		
✓ 45	22/3/1904	- Deed of Covenant made between Fitzwilliam Wentworth and John Thomas Colburn Mayne.	Fitzwilliam Wentworth and John Thomas Colburn Mayne		
DOCUMENT IN THE POSSESSION OF E. S. DUNHILL, SOLICITOR, SYDNEY.					
✓ 46	3/8/1861	- Disentailing Assurance between William Charles Wentworth and Sarah Wentworth 1st part, Fitzwilliam Wentworth 2nd. part, and James Norton 3rd part, Registered Number 730 Book 80.	William Charles Wentworth, Sarah Wentworth, Fitzwilliam Wentworth, James Norton		
DOCUMENTS LODGED WITH PRIMARY APPLICATION NUMBER 28179 OF JOHN BRUCE FYE.					
✓ 47	22/8/1812	- Crown Grant of 700 acres to Edward Smith Hall. - Consents as regards boundaries between the subject land and the land in Primary Application Number 28179.	Eward Smith Hall		
<i>(Signature)</i>					
✓ 48	24/5/19 Power of Attorney	Power of Attorney Grendale Limited to W.B.H. Akhurst	Grendale Limited, W.B.H. Akhurst		

MEMORANDUM whereby the undersigned states that he has no notice of the revocation of the Power of Attorney dated the *twenty fourth* day of May One thousand nine hundred and twenty nine from Greendale Limited to himself under the authority of which he has just signed the within Application.

SIGNED at Sydney the *twenty fourth* day of May in the year One thousand nine hundred and twenty nine.

SIGNED at the place and on the date)
mentioned in the presence of:

Garland M. Seaborn & Abbott

H. G. Matchett

I certify that the within application is correct for the purposes of the Real Property Act, 1900.

Section 117 requires that this Certificate be signed by Applicant or his Solicitor and renders liable any person falsely or negligently certifying, to a penalty of £50; also, to damages recoverable by parties injured. If by Solicitor, he should insert:— "And that I am the Solicitor of the within named Applicant," and should add his own address to his signature. The signature should be that of the Solicitor himself, and not of his firm.

(Signature) *H. G. Matchett*

(RULE UP ALL BLANKS BEFORE SIGNING, EXCEPT SPACE IN SCHEDULE BELOW APPLICANTS SIGNATURE)

F E E S.

PAYMENT OF THESE MUST ACCOMPANY THE APPLICATION.

1st.—Where the Applicant is the Original Grantee from the Crown, and no transactions have been registered

Lodgment	£0 10 0
Certificate of Title	1 5 0
Add Assurance, ½d. in the £ on declared value
Office Copy of Plan (when a Plan is furnished)	0 5 0
Preparation of Plan (when a Plan is not furnished)	0 7 6

2nd.—Where the Applicant is not the Grantee from the Crown, or being the Grantee, the property has been dealt with by any Registered Instrument.

F E E S. —	
Lodgment	£1 0 0
Certificate of Title	1 5 0
Office Copy of Plan (when a Plan is furnished)	0 5 0
Preparation of Plan (when a Plan is not furnished)	0 7 6
Advertisement	1 10 0
Assurance, ½d. in the £ on declared value

to whom all correspondence relating to this Application should be sent, with address, as under, viz.—

Name *Garland Seaborn & Abbott,*

Occupation *Solicitors,*

Post Town *9 Bligh Street, Sydney.*

War Service Land Settlement Greendale Promotion Estate

To cancel B2704 B466 O.R.s in part

PLAN OF PORTION 45
PARISH BRINGELLY COUNTY CUMBERLAND
LAND DISTRICT PENRITH LAND BOARD DISTRICT SYDNEY
SHIRE MUNICIPALITY LIVERPOOL

PAPERS L.B. 51-2171
W.S. 5214

A 101

Applied for under the Section of the Crown Lands Consolidation Act, 1913, by

NOTATION PLAN

Within an area Proclaimed on 16.9.1949 as liable to be acquired for Closer Settlement under Section 4, C.S. Amend Act 1907 (M^s 13269 Sy)

Part of C.T. Vol. 4520 fol. 150 to be acquired Partition of title survey M^s 14267 Sy R M^s 14322 Sy R

Vested in the Crown under Sec 90A C.S. Amend (Con^y) Act 1943 by Gaz 22-8-1952.

CSL 52-2 Leslie King Wines vested by Gaz 5-9-1952

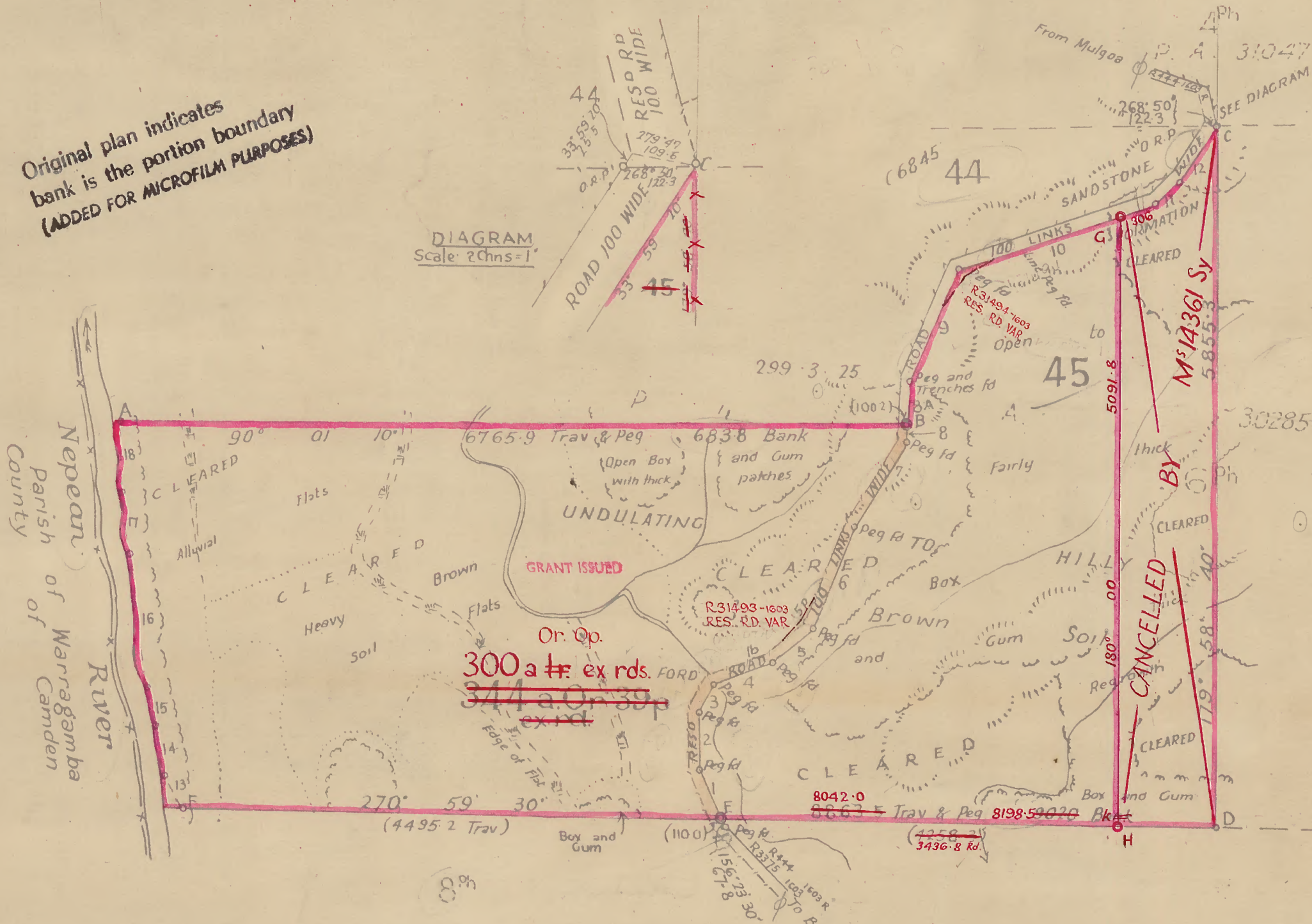
In (in 2 pts) resumed for roads R31493-1603 & R31494-1603, G. 12-9-69, Rds. 69-1244

Now S.P. 70/1 Leslie King Wines Ten. 70/3244 Approved 18/6/70. Grant issued. D70.2261

Area of acquired land ~~244 ac 8 79~~
300 ac 1r Op

Original plan indicates
bank is the portion boundary
(ADDED FOR MICROFILM PURPOSES)

DIAGRAM
Scale 2 Chns = 1"



PLAN MICROFILMED

NO ADDITIONS OR AMENDMENTS TO BE MADE

Plan approved for 300a 1r exrd.

WS 5214

last aided 20.8.52

Metropolitan LBO.

REFERENCE MARKS

CORNER	BEARING	FROM	LINKS	N ^o ON TREE
A	223° 59'	Oak	118.2	44-45
B	90° 01'	G.I. Pipe	2.2	
C	204° 15'	Gum	121.4	44-45
D	352° 26'	Box	205.0	45
E	90° 31'	G.I. Pipe	2.0	
F	85° 04'	Oak	127.4	45
G	180° 00'	G.I. Pipe	10.0	Peg 45
H	360° 00'	G.I. Pipe	10.0	Peg 45

REFERENCE TO ROAD TRAVERSE

LINE	BEARING	DISTANCE
1	336° 23' 30"	467.3
2	358° 07'	477.1
3	29° 37'	277.8
4	69° 42'	550.9
5	51° 20' 30"	432.2
6	23° 03' 40"	931.4
7	32° 24' 40"	816.5
8	3° 39' 30"	169.2
8A	3° 39' 30"	321.3
9	23° 56' 20"	1033.3
10	72° 19' 20"	1770.6
11	46° 31' 20"	261.2
12	33° 19' 20"	567.1

REFERENCE TO RIVER TRAVERSE

LINE	BEARING	DISTANCE
13	327° 44' 20"	332.7
14	347° 32' 30"	424.3
15	347° 12' 00"	317.9
16	352° 25' 00"	1125.8
17	352° 04' 30"	524.8
18	0° 16' 00"	604.9

Offset Area + 3r. 28p
Surround Area 247.429 ac
303.444 ac

I CERTIFY that this is a CORRECT COPY of the original plan of survey and of all notations thereon now relevant, I being the officer having the custody thereof.

Officer-in-Charge, Land Board Office, Sydney 31.7.1952.

Plan of portion 45 approved
for 300a 0r 0p by dedn
Rds. 69-1244

Authorised Officer
Frank M. Mason
of 10 Collingwood St. Sydney

Surveyor registered under the Surveyors Act, 1929 do hereby solemnly and sincerely declare that the survey represented in this plan has been made by me in accordance with the Survey Practice Regulations, 1933 and the special requirements of the Department of Lands was completed on the 28th February 1952, and the reference marks have been placed as shown thereon. And I make this solemn declaration conscientiously believing the same to be true and by virtue of the provisions of the Oaths Act, 1900.

Subscribed and declared before me at Sydney this 2nd day of April 1952
Cain C. Burnside
Justice of the Peace
Transmitted to the District Surveyor with my letter of 2-4-52
CHECKED & CHARTED R. M. Anderson 13.6.52
EXAMINED AND PLAN APPROVED R. T. Hanks 16.6.52
GENERAL DRAFTING BRANCH

AZIMUTH TAKEN FROM POR 44
FIELD BOOK 2848 PAGES 1-40

NOTATION PLAN

SCALE 10 CHAINS TO AN INCH

CAT. N^o

C6846 2030



NEW SOUTH WALES
James
McLennan
 STAMP DUTY
 SYDNEY, N.S.W.

Nehr South Wales



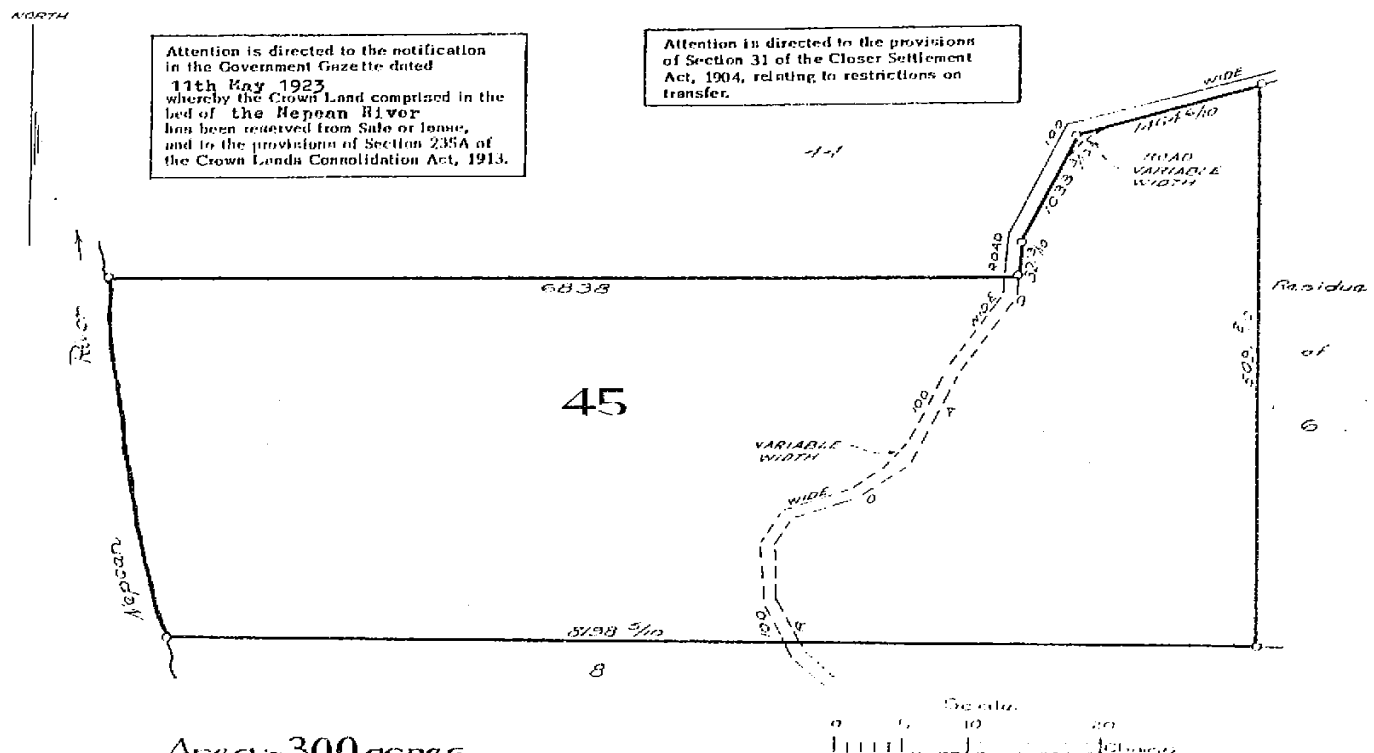
Registrar General.

[UNDER THE CLOSER SETTLEMENT ACTS]

To All to whom these Presents shall come, Greeting:--

Whereas LESLIE KING WINES of Greendale Road Wallacia

of Our State of New South Wales (hereinafter called the GRANTEE) is the holder of Settlement Purchase No.1970/1 in the Land District of Penrith in Our said State comprising the parcel of land hereinafter described and intended to be hereby granted And Whereas the sum of fifteen thousand one hundred and fifty four dollars twenty six cents being the purchase money payable for the said Land has been duly paid into the Office of the Treasurer of Our said State And all things required by law to be done to entitle the GRANTEE to a grant of the fee simple of the said Land subject to the Reservations and Exceptions hereinafter contained have been done and performed Now Know Ye That for and in consideration of the said sum for and on Our behalf well and truly paid into the Treasury of Our said State before these Presents are issued and of all and singular the premises We HAVE GRANTED and for Us Our Heirs and Successors Do HEREBY GRANT unto the GRANTEE Subject to the Reservations and Exceptions hereinafter contained ALL THAT Piece or Parcel of Land in Our said State containing by admeasurement three hundred acres be the same more or less situated in the County of Cumberland and Parish of Bringelly Portion 45 as shown in plan catalogued No.C.6846-2030 in the Department of Lands excepting out of the said piece or parcel of land the Roads shown in the plan hereon the areas of which are not included in the above stated area



Area:-300 acres

This order does not include the original

As per Plan hereon With all the Rights and Appurtenances whatsoever thereto belonging To Hold unto the Grantee in fee simple and Successors all minerals which the said Land contains with full power and authority for Us Our Heirs and Successors and such person or persons as shall from time to time be authorised by Us or Them to enter upon the said Land and to search for mine dig and remove the said minerals and also all such parts and so much of the said Land as may hereafter be required for public ways in over and through the same to be set out by Our Governor for the time being of Our said State or some person by him authorised in that respect with full power for Us Our Heirs and Successors and for Our Governor as aforesaid by such person or persons as shall be by Us Them or him authorised in that behalf to make and conduct all such public ways and the right of full and free ingress egress and regress into out of and upon the said Land for the several purposes aforesaid or any of them In Testimony Whereof We have caused this Our Grant to be Sealed with the Seal of Our said State

Witness Our Governor of Our State of New South Wales and its Dependencies in the Commonwealth of Australia, at Sydney in Our said State, this eighteenth day of November in the nineteenth year of Our Reign and in the year of Our Lord one Thousand nine hundred and seventy 1970.

Governor

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

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

SCHEDULE OF REGISTERED PROPRIETORS

REGISTERED PROPRIETOR

INSTRUMENT

NATURE NUMBER DATE ENTERED Signature of Registrar-General

~~Thelma May Robinson of Enfield, Home Duties.~~
 Thelma May Verran. See T605476. Registered 29-6-1983

Transfer

R564023

12-12-1979

[Signature]

5973 776645 Registered 26-7-1988
 This folio is cancelled as to whole/parts upon creation
 of computer folios for lots 1, 2 in the
 above mentioned plan.



SCHEDULE OF ENCUMBRANCES ETC.

INSTRUMENT

NATURE NUMBER DATE

PARTICULARS

ENTERED

Signature of Registrar-General

CANCELLATION

Mortgage M21870 2-9-1971 to Leslie King, Farmer of Wallacia, New South Wales

Mortgage M21841 2-9-1971 to Burslem Pty Limited

Caveat N329615 26-6-1973

Caveat Q165718 by Thelma May Robinson

Caveat Q177837 by Donald Moss Fisher and Alice Eileen Fisher

Mortgage R564024 to Citicorp Australia Limited

Lease R843937 to Donald Moss Fisher of Wallacia, Farmer and Alice Eileen

R564024 Mortgage S920696 Variation Maria Fisher his wife as joint tenants. Expires 30-6-1982. Registered 22-2-1982

T584689 Mortgage to St. George Building Society

T605476 Mortgage to Westpac Banking Corporation. Registered 29-6-1983

Registered pursuant to Section 883 Conveyancing Act 1919
 by the Registrar-General 776645

Registered 26-7-1988



Discharged R564020

Discharged R564021

Withdrawn R564017

Withdrawn R564018

Withdrawn R564019

Discharged T605475

Expired 29-6-1983

Cancelled T605475

CT 12 5-3

R564021

380

5920696

T605475

75 M

01 776645



SEARCH DATE

28/6/2020 1:56PM

FOLIO: 1/776645

First Title(s): VOL 11444 FOL 153

Prior Title(s): VOL 11444 FOL 153

Recorded	Number	Type of Instrument	C.T. Issue
-----	-----	-----	-----
28/7/1988	DP776645	DEPOSITED PLAN	FOLIO CREATED EDITION 1
24/1/1991	Z472406	MORTGAGE	EDITION 2
10/5/1995	0219199	LEASE	EDITION 3
8/12/1998	5448745	DEPARTMENTAL DEALING	
7/4/1999	5728367	DISCHARGE OF MORTGAGE	
7/4/1999	5728368	MORTGAGE	EDITION 4
13/3/2000	6635484	LEASE	EDITION 5
19/6/2000	6868822	DISCHARGE OF MORTGAGE	
19/6/2000	6868823	TRANSFER	
19/6/2000	6868824	MORTGAGE	EDITION 6
9/8/2001	7838841	DISCHARGE OF MORTGAGE	
9/8/2001	7838842	MORTGAGE	EDITION 7
6/12/2005	AB963737	LEASE	EDITION 8
4/2/2010	AE906556	REJECTED - LEASE	
5/2/2010	AF217333	CAVEAT	
21/4/2010	AF444885	DEPARTMENTAL DEALING	EDITION 9
15/12/2010	AF766005	LEASE	EDITION 10
10/8/2011	AG423492	DEPARTMENTAL DEALING	
7/3/2013	AH248507	REJECTED - LEASE	
18/6/2013	AH807200	DEPARTMENTAL DEALING	
1/2/2016	AK183399	DEPARTMENTAL DEALING	
20/8/2018	AN594687	DISCHARGE OF MORTGAGE	

END OF PAGE 1 - CONTINUED OVER

NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

28/6/2020 1:56PM

FOLIO: 1/776645

PAGE 2

Recorded -----	Number -----	Type of Instrument -----	C.T. Issue -----
20/8/2018	AN594688	TRANSFER	EDITION 11

*** END OF SEARCH ***

Wallacia 1290 Greendale Park Rd

PRINTED ON 28/6/2020

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Received: 28/06/2020 13:56:20

TRANSFER

New South Wales
Real Property Act 1900

0000023H



STAMP DUTY

Office of State Revenue use only

OFFICE OF STATE REVENUE (N.S.W. TREASURY)

CLIENT No. 5700190

STAMP No. 820

STAMP DUTY \$2.00

SIGNATURE

TRANSACTION No. 002202

DATE 24.5.00

ASSESSMENT DETAILS:

(A) **TORRENS TITLE**

If appropriate, specify the part or share transferred
Folio Identifier 1/776645

(B) **LODGED BY**

LTO Box

Name, Address or DX and Telephone

CODES

245

CTB

Reference (optional): 468 086-T 00

T
TS (\$713)
TW (Sheriff)

(C) **TRANSFEROR**

THELMA MAY VERRAN

(D)

The transferor acknowledges receipt of the consideration of \$1,200,000.00 and as regards the land specified above transfers to the transferee an estate in fee simple.

(E)

Encumbrances (if applicable): 1. 2. 3.

(F) **TRANSFEE**

PAUL GALEA and MARY GALEA

(G)

TENANCY: JOINT

(H) We certify this dealing correct for the purposes of the Real Property Act 1900.

DATE: 7.6.2000

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

Signature of witness:

WYN SPARROW

Signature of transferor:

Thelma May Verran

Name of witness:

WYN SPARROW

Address of witness:

1/14 Sunseeker Close
NOOSA LIE

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

Signature of witness:

Signature of transferee:

John Milton Montgomery

Name of witness:

Address of witness:

If signed on the transferee's behalf by a solicitor or licensed conveyancer, show the signatory's full name and capacity below:

JOHN MILTON MONTGOMERY (SOLICITOR)

All handwriting must be in block capitals.

A set of notes on this form (97-01T-2)
is available from the Land Titles Office.



FOLIO: 1/776645

SEARCH DATE	TIME	EDITION NO	DATE
28/6/2020	1:55 PM	11	20/8/2018

LAND

LOT 1 IN DEPOSITED PLAN 776645
AT GREENDALE
LOCAL GOVERNMENT AREA LIVERPOOL
PARISH OF BRINGELLY COUNTY OF CUMBERLAND
TITLE DIAGRAM DP776645

FIRST SCHEDULE

SOUKUTSU PTY. LTD.

(T AN594688)

SECOND SCHEDULE (5 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 LAND EXCLUDES MINERALS AND IS SUBJECT TO RIGHTS TO MINE -SEE CROWN GRANT
- 3 LAND EXCLUDES PART OF THE LAND BEING THE CROWN LAND COMPRISED IN THE BED OF THE NEPEAN RIVER HAS BEEN RESERVED FROM SALE OR LEASE
- 4 EASEMENT(S) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM CREATED BY:
DP776645 -FOR UNDERGROUND WATER SUPPLY AND PIPELINE 4 WIDE
- 5 AS TO BOUNDARIES TO RIVERS/LAKES - SEE SECTION 172 CROWN LANDS ACT 1989

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

Appendix E

Planning Certificate

PLANNING CERTIFICATE UNDER SECTION 10.7
ENVIRONMENTAL PLANNING AND ASSESSMENT ACT 1979

Ref.: 26.11:93348

Ppty: 10897

Cert. No.:

6212

Applicant:

TRACE ENVIRONMENTAL

SHOP 2, 793-799 NEW CANTERBURY RD

DULWICH HILL NSW 2203

Receipt No.:

4618917

Receipt Amt.:

133.00

Date:

22-Jun-2020

The information in this certificate is provided pursuant to Section 10.7(2)&(5) of the Environmental Planning and Assessment Act (EP&A Act) 1979, as prescribed by Schedule 4 of the Environmental Planning and Assessment Regulation (EP&A Regulation) 2000. The information has been extracted from Council's records, as they existed at the date listed on the certificate. Please note that the accuracy of the information contained within the certificate may change after the date of this certificate due to changes in Legislation, planning controls or the environment of the land.

The information in this certificate is applicable to the land described below.

Legal Description: LOT 1 DP 776645**Street Address:** COOMARA PARK, 1290 GREENDALE ROAD, WALLACIA NSW 2745

Note: Items marked with an asterisk () may be reliant upon information transmitted to Council by a third party public authority. The accuracy of this information cannot be verified by Council and may be out-of-date. If such information is vital for the proposed land use or development, applicants should instead verify the information with the appropriate authority.*

Note: Commonly Used Abbreviations:

LEP: Local Environmental Plan

DCP: Development Control Plan

SEPP: State Environmental Planning Policy

EPI: Environmental Planning Instrument

1. Names of relevant planning instruments and DCPs

- (a) The name of each EPI that applies to the carrying out of development on the land is/are listed below:

LEPs:

Liverpool LEP 2008

SEPPs*:

**SEPP No. 33 – Hazardous and Offensive Development
SEPP No. 50 – Canal Estate Development
SEPP No. 55 – Remediation of Land
SEPP No. 62 – Sustainable Aquaculture
SEPP No. 65 – Design Quality of Residential Flat Development
SEPP (Building Sustainability Index: BASIX) 2004
SEPP No. 70 – Affordable Housing (Revised Schemes)
SEPP (Infrastructure) 2007
SEPP (Mining, Petroleum Production and Extractive Industries) 2007
SEPP (Miscellaneous Consent Provisions) 2007
SEPP (State and Regional Development) 2011
SEPP (Education Establishments and Child Care Facilities) 2017
SEPP (Vegetation in Non-Rural Areas) 2017
SEPP (Exempt and Complying Development Codes) 2008
SEPP (Affordable Rental Housing) 2009
SEPP No 19 – Bushland in Urban Areas
SEPP No 21 – Caravan Parks
SEPP No 30 – Intensive Agriculture
SEPP Koala Habitat Protection
SEPP No 64 – Advertising and Signage**

Deemed SEPPs*:

SREP No 20 – Hawkesbury – Nepean River (No. 2 – 1997)

- (b) The name of each draft EPI, or Planning Proposal (which has been subject to community consultation).

Draft LEPs:

Draft Liverpool Local Environmental Plan 2008 (Amendment 82)

Draft SEPPs*:

Draft SEPP (Competition) 2010

- (c) The name of each DCP that applies to the carrying out of development on the land.

Liverpool DCP 2008**2. Zoning and land use under relevant LEPs and /or SEPPs**

This section contains information required under subclauses 2 and 2A of Schedule 4 of the EP&A Regulation 2000. Subclause 2 of the regulation requires Council to provide information with respect to zoning and land-use in areas zoned by, or proposed to be zoned by, a LEP. Subclause 2A of Schedule 4 of the regulation requires Council to provide information with respect to zoning and land-use in areas which are zoned by, or proposed to be zoned by, the SEPP (Sydney Region Growth Centres) 2006. The land use and zoning information under any EPI applying to the land is given below.

- (a) Name of zone, and the EPI from which the land zoning information is derived.

RU1 Primary Production - Liverpool LEP 2008

- (b) The purposes for which development may be carried out within the zone without the need for development consent

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

- (c) The purposes for which development may not be carried out within the zone except with development consent

Agriculture; Airstrips; Animal boarding or training establishments; Bed and breakfast accommodation; Building identification signs; Business identification signs; Cemeteries; Community facilities; Crematoria; Dual occupancies; Dwelling houses; Environmental facilities; Extractive industries; Farm buildings; Farm stay accommodation; Flood mitigation works; Forestry; Hazardous storage establishments; Health consulting rooms; Helipads; Heliports; Home businesses; Home industries; Landscaping material supplies; Offensive storage establishments; Open cut mining; Plant nurseries; Recreation areas; Recreation facilities (outdoor); Roads; Roadside stalls; Rural industries; Rural supplies; Rural workers' dwellings; Secondary dwellings; Veterinary hospitals; Water recreation structures

- (d) The purposes for which the instrument provides that development is prohibited within the zone

Any development not specified in item (b) or (c)

(e) If a dwelling house is a permitted use, are there any principal development standards applying to the land that fix minimum land dimensions for the erection of a dwelling house?

No

(f) Does the land include or comprise critical habitat?

No

(g) Is the land in a conservation area (however described):

No

(h) Is there an item of environmental heritage (however described) situated on the land

No

3. Complying development

The information below outlines whether complying development is permitted on the land as per the provisions of clauses 1.17A (1) (c) to (e), (2), (3) and (4), 1.18(1) (c3) and 1.19 SEPP of the (Exempt and Complying Development Codes) 2008 only. The table does not specify whether any code applies to the land; applicants should read the full extent of the code with their building certifier, solicitor, or other professional to determine whether any code applies to the land.

The first column identifies the code(s). The second column describes the extent of the land in which exempt and complying development is permitted, as per the clauses above, for the code(s) given to the immediate left. The third column indicates the reason as to why exempt and complying development is prohibited on some or all of the land, and will be blank if such development is permitted on all of the land.

Code	Extent of the land for which development is permitted:	The reason(s) as to why development is prohibited:
------	--	--

Code	Extent of the land for which development is permitted:	The reason(s) as to why development is prohibited:
Housing Code, Rural Housing Code and Greenfield Housing Code	Part	Part of the land is identified as being within the foreshore area (Clause 1.19(1)(g) or Clause 1.19(5)(h)) Part of the land is identified as being environmentally sensitive land (Clause 1.17A(e))
Commercial and Industrial (New Buildings and Additions) Code	Part	Part of the land is identified as being within the foreshore area (Clause 1.19(1)(g) or Clause 1.19(5)(h)) Part of the land is identified as being environmentally sensitive land (Clause 1.17A(e))
General Development Code, Container Recycling Facilities Code, Fire Safety Code, Housing Alterations Code, Commercial and Industrial Alterations Code, Subdivisions Code, and Demolition Code	Part	Part of the land is identified as being environmentally sensitive land (Clause 1.17A(e))

Note: If council does not have sufficient information to ascertain the extent to which complying development may or may not be carried out on the land, a statement below will describe that a restriction applies to the land, but it may not apply to all of the land, and that council does not have sufficient information to ascertain the extent to which complying development may or may not be carried out on the land.

Nil

4. Coastal protection*

Has the Department of Finance, Services and Innovation notified Council of the land being affected by 38 or 39 of the Coastal Protection Act, 1979?

No

4A. Certain information relating to beaches and coasts*

(a) Has an order has been made under Part 4D of the Coastal Protection Act 1979 on the land (or on public land adjacent to that land)?

No

(b) Has Council been notified under section 55X of the Coastal Protection Act 1979 that temporary coastal protection works have been placed on the land (or on public land adjacent to that land), and if works have been so placed, is council is satisfied that the works have been removed and the land restored in accordance with that Act?

Not applicable

4B. Annual charges under Local Government Act 1993 for coastal protection services that relate to existing coastal protection works*

Has the owner (or any previous owner) of the land consented, in writing, that the land is subject to annual charges under section 496B of the Local Government Act 1993 for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of that Act)?

No

5. Mine subsidence*

Is the land a proclaimed to mine subsidence district within the meaning of section 15 of the Mine Subsidence Compensation Act 1961?

No

6. Road widening and road realignment

Is the land is affected by any road widening or road realignment under:

(a) Division 2 of Part 3 of the Roads Act 1993?*

No

(b) An EPI?

No

(c) A resolution of the council?

No

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

The following table lists hazard/risk policies that have been adopted by Council (or prepared by another public authority and subsequently adopted by Council). The right-most column indicates whether the land is subject to those policies.

Hazard/Risk	Adopted Policy	Does this hazard/risk policy apply to the land?
Landslip hazard	Nil	No
Bushfire hazard	Liverpool DCP 2008	Yes
	Liverpool Growth Centre Precincts DCP*	No
	Edmondson Park South DCP 2012	No
	Planning for Bushfire Protection (Rural Fire Services, 2006)*	Yes
	Pleasure Point Bushfire Management Plan	No
Tidal inundation	Nil	No
Subsidence	Nil	No
Acid Sulphate Soils	Liverpool LEP 2008	No
	Liverpool DCP 2008	No
Potentially Contaminated Land	Liverpool DCP 2008	Yes, see section 10 of Part 1 of the Liverpool DCP 2008
	Liverpool Growth Centre Precincts DCP*	No
Potentially Saline Soils	Liverpool DCP 2008	Yes
	Liverpool Growth Centre Precincts DCP*	No

Note: Land for which a policy applies does not confirm that the land is affected by that hazard/risk. For example, all land for which the Liverpool DCP applies is subject to controls relating to contaminated land, as this policy contains triggers and procedures for identifying potential contamination. Applicants are encouraged to review the relevant policy, and other sections of this certificate, to determine what effect, if any, the policy may have on the land.

7A. Flood related development controls information

- (a) For the purpose of residential accommodation (excluding group homes or seniors housing), is the land, or part of the land, within the flood planning area and subject to flood planning controls?

Yes

For details of these controls, please refer to the flooding section of the relevant DCP(s) as specified in Section 1(c) of this certificate.

- (b) Is development on that land, or part of the land, for any other purpose subject to flood related development controls?

Yes

For details of these controls, please refer to the flooding section of the relevant DCP(s) as specified in Section 1(c) of this certificate.

Note: Words and expressions in this clause have the same meanings as in the instrument set out in the Schedule to the Standard Instrument (Local Environmental Plans) Order 2006.

8. Land reserved for acquisition

Does a LEP, draft LEP, SEPP or draft SEPP identify the acquisition of the land, or part of the land, by a public authority, as referred to in section 3.15 of the Act?

No

9. Contribution Plans

Liverpool Contributions Plan 2009

9A. Biodiversity certified land*

Is the land, or part of the land, biodiversity certified land (within the meaning of Part 8 of the Biodiversity Conservation Act 2016)?

No

10. Biobanking agreements*

Is the land subject to a bio-banking agreement under Part 6 of the Biodiversity Conservation Act 2016, as notified to Council by the Chief Executive of the Office of Environment and Heritage?

No

10A. Native vegetation clearing set asides

Does the land contain a set aside area under section 60ZC of the Local Land Services Act 2013?

No, Liverpool is excluded from section 60ZC of the Local Land Services Act 2013

11. Bushfire prone land

Is the land or part of the land, bushfire prone land as defined by the EP&A Act 1979?

Yes, part of the land is bushfire prone land

12. Property vegetation plans*

Is Council aware of the land being subject to a Property Vegetation Plan under the Native Vegetation Act 2003?

No, Liverpool is excluded from the operation of the Native Vegetation Act 2003

13. Orders under Trees (Disputes between Neighbours) Act 2006*

Does an order, made under the Trees (Disputes Between Neighbours) Act 2006 in relation to carrying out of work in relation to a tree on the land, apply?

No, Council has not been notified of an order

14. Directions under Part 3A*

Is there a direction (made by the Minister) that a provision of an EPI in relation to a development does not have effect?

No

15. Site compatibility certificates and conditions for seniors housing*

(a) Is there is a current site compatibility certificate (seniors housing), in respect of proposed development on the land?

No, Council has not been notified of an order.

16. Site compatibility certificates for infrastructure*

(a) Is there is a current site compatibility certificate (infrastructure), in respect of proposed development on the land?

No, Council has not been notified of an order

17. Site compatibility certificates and conditions for affordable rental housing*

Is there is a current site compatibility certificate (Affordable housing), in respect of proposed development on the land?

No, Council has not been notified of an order.

18. Paper subdivision information*

Does any development plan adopted by a relevant authority (or proposed plan subject to a consent ballot) apply to the land? If so the date of the subdivision order that applies to the land.

No

19. Site verification certificates*

Does a current site verification certificate, apply to the land?

No, Council is not aware of a site verification certificate

20. Loose-fill asbestos insulation *

Is a dwelling on the land listed on the register (maintained by the NSW Department of Fair Trading) as containing loose-fill asbestos insulation?

No

Note: despite any listing on the register, any buildings constructed before 1980 may contain loose-fill asbestos insulation or other asbestos products.

21. Affected building notices and building product rectification orders*

Is there any affected building notice (as in Part 4 of the Building Products (Safety) Act 2017) of which the council is aware that is in force in respect of the land?

No

Is there any building product rectification order (as in the Building Products (Safety) Act 2017) of which the council is aware that is in force in respect of the land and has not been fully complied with?

No

Is there any notice of intention to make a building product rectification order (as in the Building Products (Safety) Act 2017) of which the council is aware has been given in respect of the land and is outstanding?

No

22. Contaminated land

Is the land:

(a) Significantly contaminated land within the meaning of that Act?

No

(b) Subject to a management order within the meaning of that Act?

No

(c) Subject of an approved voluntary management proposal within the meaning of that Act?

No

(d) Subject to an ongoing maintenance order within the meaning of that Act?

No

(e) Subject of a site audit statement within the meaning of that Act? *

No

Note: in this clause 'the Act' refers to the Contaminated Land Management Act 1997.

THE FOLLOWING INFORMATION IS PROVIDED PURSUANT TO SECTION 10.7(5) OF THE
ENVIRONMENTAL PLANNING AND ASSESSMENT ACT (EP&A ACT) 1979

1. Controlled access road

Does the land have a boundary to a controlled access road?

No

2. Sewer Access and On-site Management

On-Site Sewerage Management System/s

Council's records indicate that the property may not be connected to Sydney Water's sewerage system.

If the property is not connected and emits any waste water (sewerage) it must have an On-Site Sewerage Management System that is operating satisfactorily. It is the ongoing responsibility of the current owner(s) of the property (at any given time) to ensure that any On-Site Sewerage Management System continually operate in compliance with the relevant provisions of the Local Government Act 1993, and the Protection of the Environment Operations Act 1997 (including regulations made there under).

It is recommended that any applicant intending to purchase the property make enquires to ascertain if the property has an On-Site Sewerage Management System and engage the services of a suitably qualified wastewater engineer or plumber to assess the condition and compliance status of those system(s).

The Onsite Sewage System for this property is now an "Aerated System" but if it fails at any time the onsite system will have to be turned into a pump out system where the effluent will be required to be removed off site by tanker.

3. Other Information in Relation to Water Restrictions

All/part of the property is identified as flood prone and is within the low risk flood category. Low Flood Risk Category means the outer extent of the floodplain (within the extent of the probable maximum flood) but not identified within either the High Flood Risk or the Medium Flood Risk Category. Refer to Section 1(c) of this certificate for the relevant DCP which contains controls relating to flood prone land.

Note: No flooding certificate will be provided if the property is only within the low risk flood category.

All/part of the property is identified as flood prone and is within the medium risk flood category. Medium Flood Risk Category means land below the 1% Annual Exceedance

Probability flood that is not subject to a high hydraulic hazard or where there are no significant evacuation difficulties. Refer to Section 1(c) of this certificate for the relevant DCP which contains controls relating to flood prone land.

4. Contaminated Land

Nil

5. Airport Noise Affection*

The land is identified as being within an ANEF (Australian Noise Exposure Forecast) contour by Liverpool LEP 2008; as such, the development of the land may be restricted. The proximity of the land in relation to the future Western Sydney Airport may impact on the permissibility of residential development despite the current zoning under LEP 2008 due to potential noise impacts. Please contact Department of Infrastructure and Regional Development (<https://infrastructure.gov.au/>) for more information. The land is identified as being within an ANEF (Australian Noise Exposure Forecast) contour by draft SEPP (Western Sydney Aerotropolis) 2019; as such, the development of the land may be restricted.

6. Environmentally Significant Land

The subject property is identified as containing environmentally significant land under Liverpool LEP 2008.

7. Archaeological Management Plan

Nil

8. Western Sydney Long Term Strategic Corridors*

Has the NSW Government identified that the land may be traversed by, or located near, a future transport corridor as identified in the Western Sydney Long Term Strategic Corridors project?

No

For more information on the Western Sydney Long Term Strategic Corridors, visit:
<https://www.transport.nsw.gov.au/corridors>

9. Fifteenth Avenue Smart Transit Project

Not Applicable

10. Offensive Odour and Rural Land Uses

Nil

For further information, please contact
CALL CENTRE – 1300 36 2170

Kiersten Fishburn
Chief Executive Officer
Liverpool City Council

ANNEXURE TO SECTION 10.7(5) CERTIFICATE

Issue Date: 23/06/2020

Issue No: 2028307

File No: 2020/0230

Premises at Lot 1 DP 776645
Greendale Road Wallacia

Further to the advice contained in the Section 10.7(2) Certificate and on the basis of the latest information available to the Council:

1. the maximum calculated level of the probable maximum flood (PMF) in the vicinity of your property in metres AHD is **57.0**.
2. the maximum calculated level of the 1% annual exceedance probability flood (previously referred to as the 1 in 100 year) in the vicinity of your property in metres AHD is **46.1**.
3. the maximum calculated level of the 2% annual exceedance probability flood (previously referred to as the 1 in 50 year) in the vicinity of your property in metres AHD is **Not Available**.
4. the maximum calculated level of the 5% annual exceedance probability flood (previously referred to as the 1 in 20 year) in the vicinity of your property in metres AHD is **43.0**.

The Council does not possess accurate information on the natural surface levels of individual allotments or on constructed building levels, and these should be established by private survey to ascertain their relationship to the above flood levels.

Flood levels are obtained from **Upper Nepean River Flood Study - Sep 1995**

Name of Assessor: **W. Siripala**

Signature:



Appendix F

Proposed Development Masterplan



RIVER GARDENS

CEMETERY

CONTENTS

I. EXISTING CONDITIONS

- DA-1.01 - SITE LOCATION
- DA-1.02 - SITE PLAN + STREETSCAPE
- DA-1.03 - SITE SECTIONS + PHOTOS

II. FLOODING

- DA-2.01 - SITE FLOODING PLAN + SECTION
- DA-2.02 - SITE FLOODING ISOMETRICS

III. MASTERPLAN

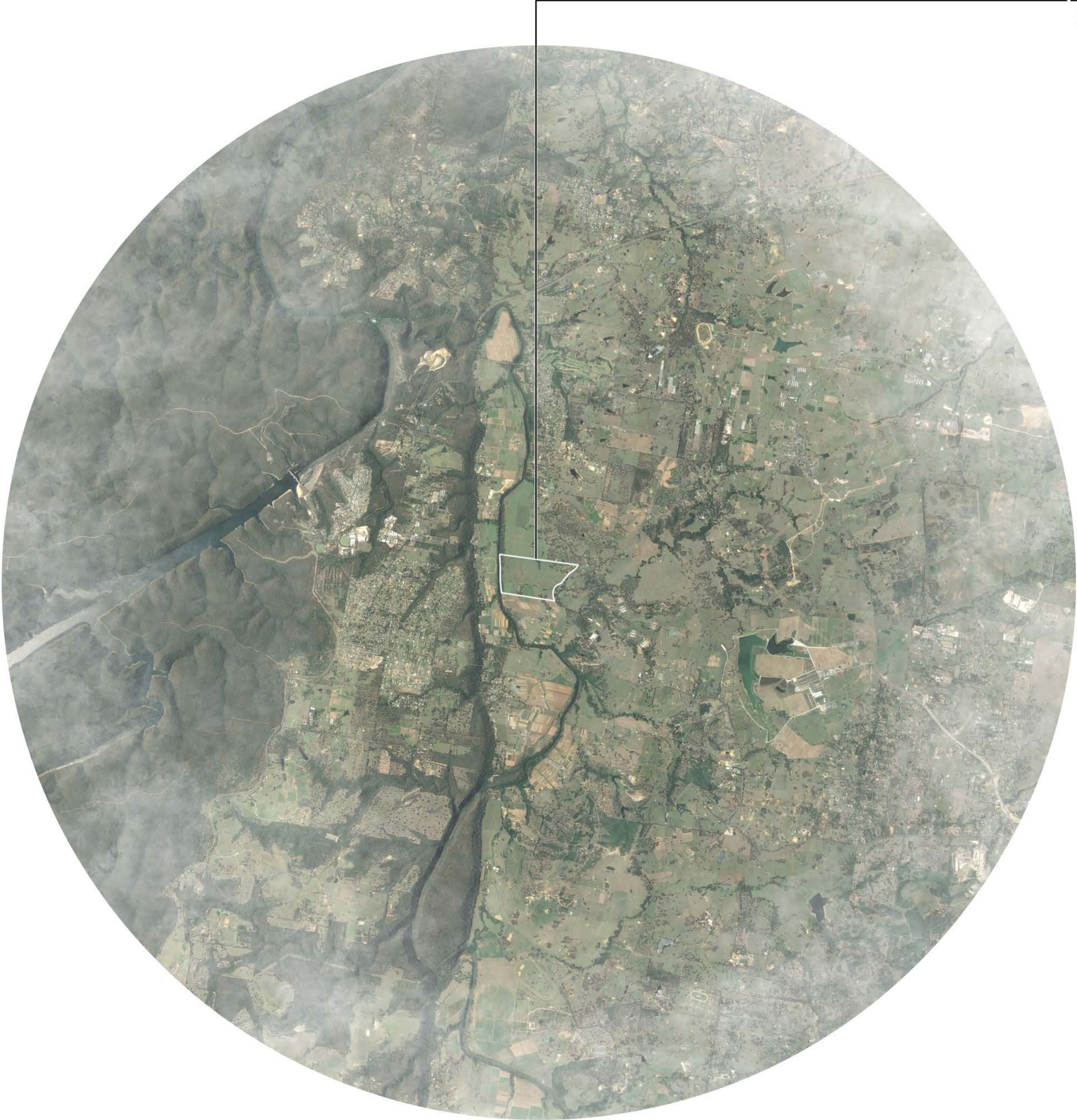
- DA-3.01 - PROPOSED SITE PLAN
- DA-3.02 - BUILDINGS LOCATION PLAN
- DA-3.03 - BURIAL TYPES LOCATION PLAN
- DA-3.04 - PROPOSED SITE SECTIONS

IV. BURIAL TYPES

- DA-4.01 - IN-GROUND & CREMATION WALL ISOMETRIC + PRECEDENTS
- DA-4.02 - MAUSOLEUM ISOMETRIC + PRECEDENTS
- DA-4.03 - MAUSOLEUM PLAN + SECTION



1290 GREENDALE PARK ROAD
WALLACIA





STREETSCAPE
V1



S1



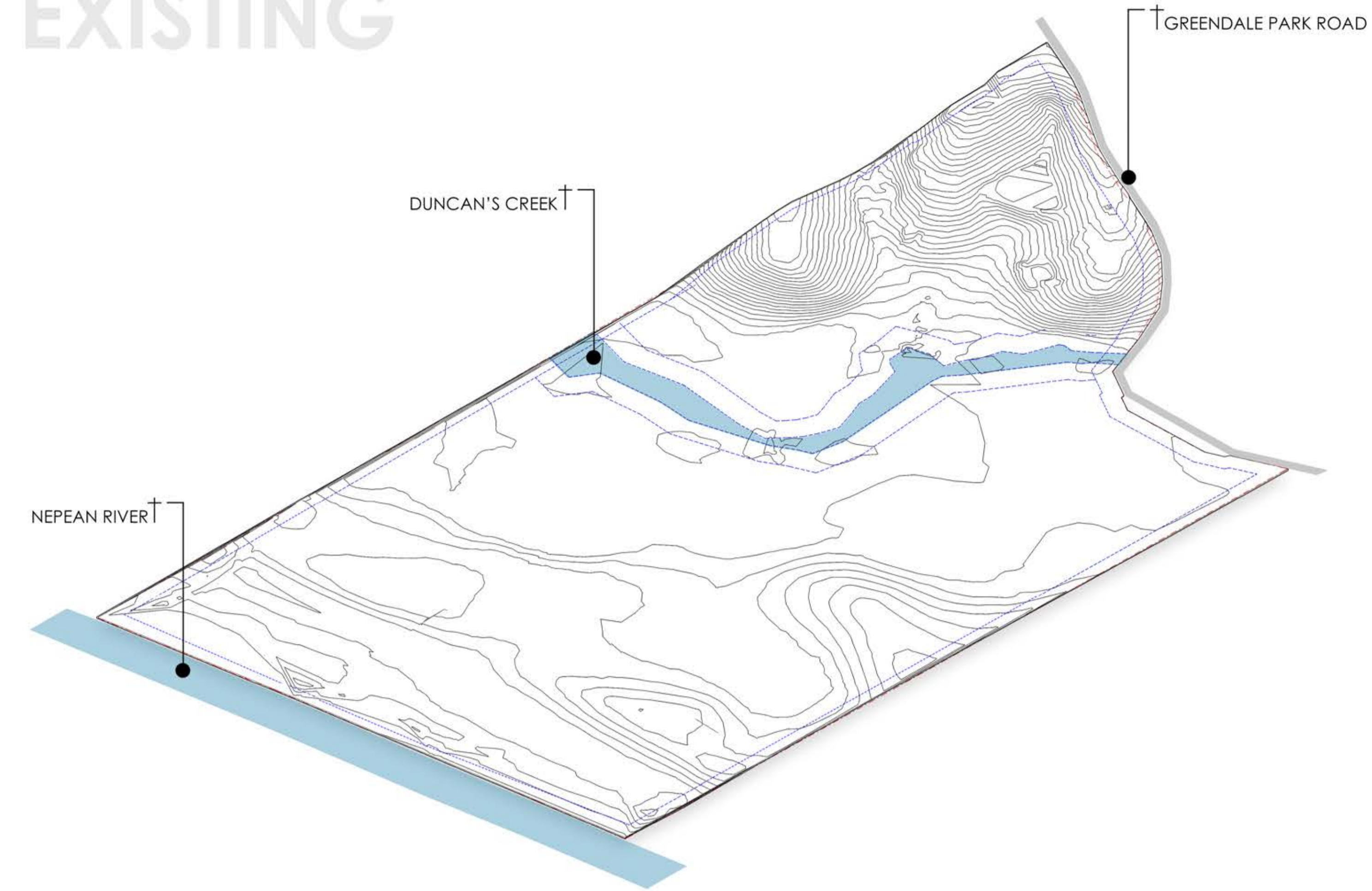
S2



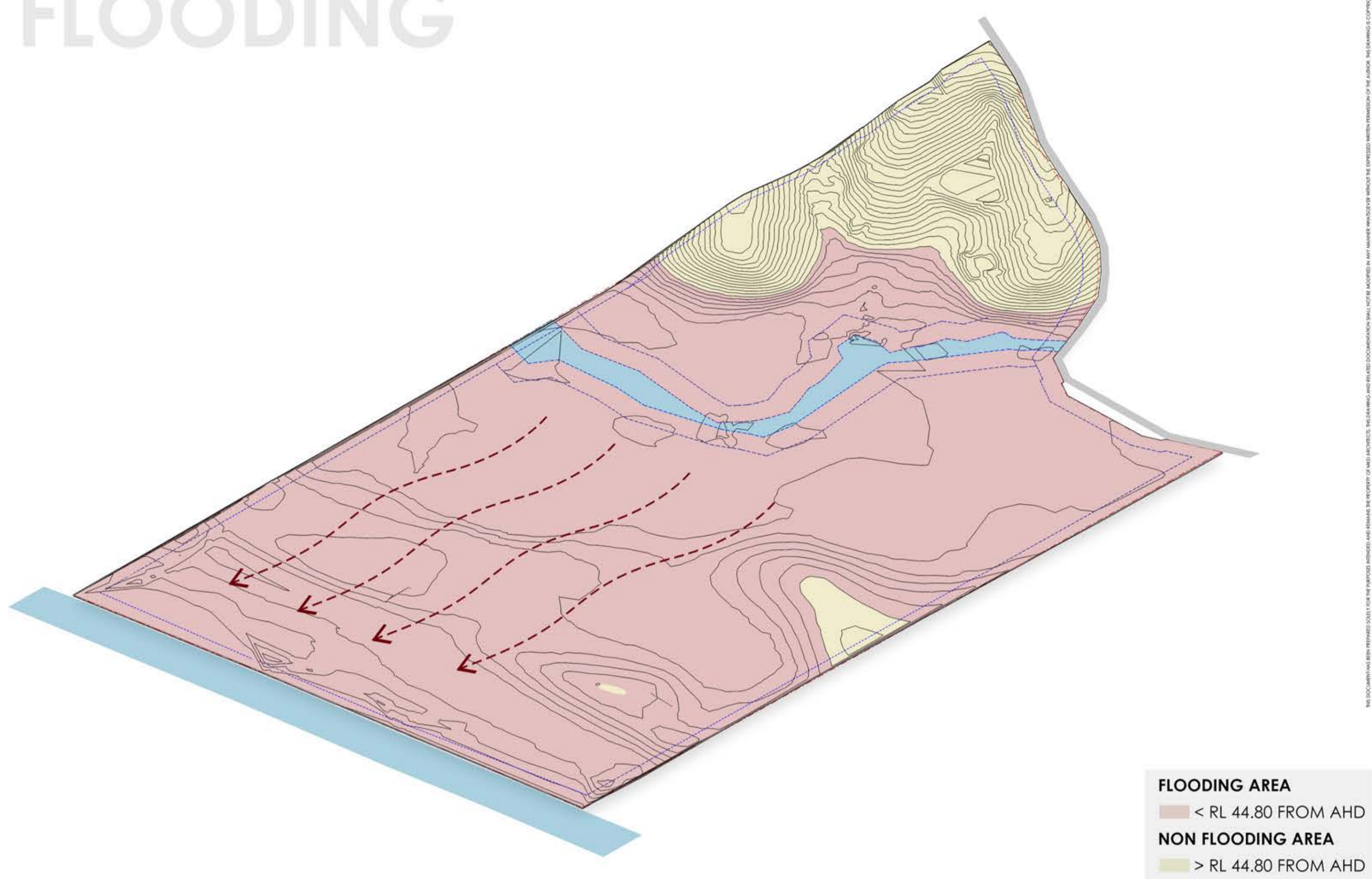
S3



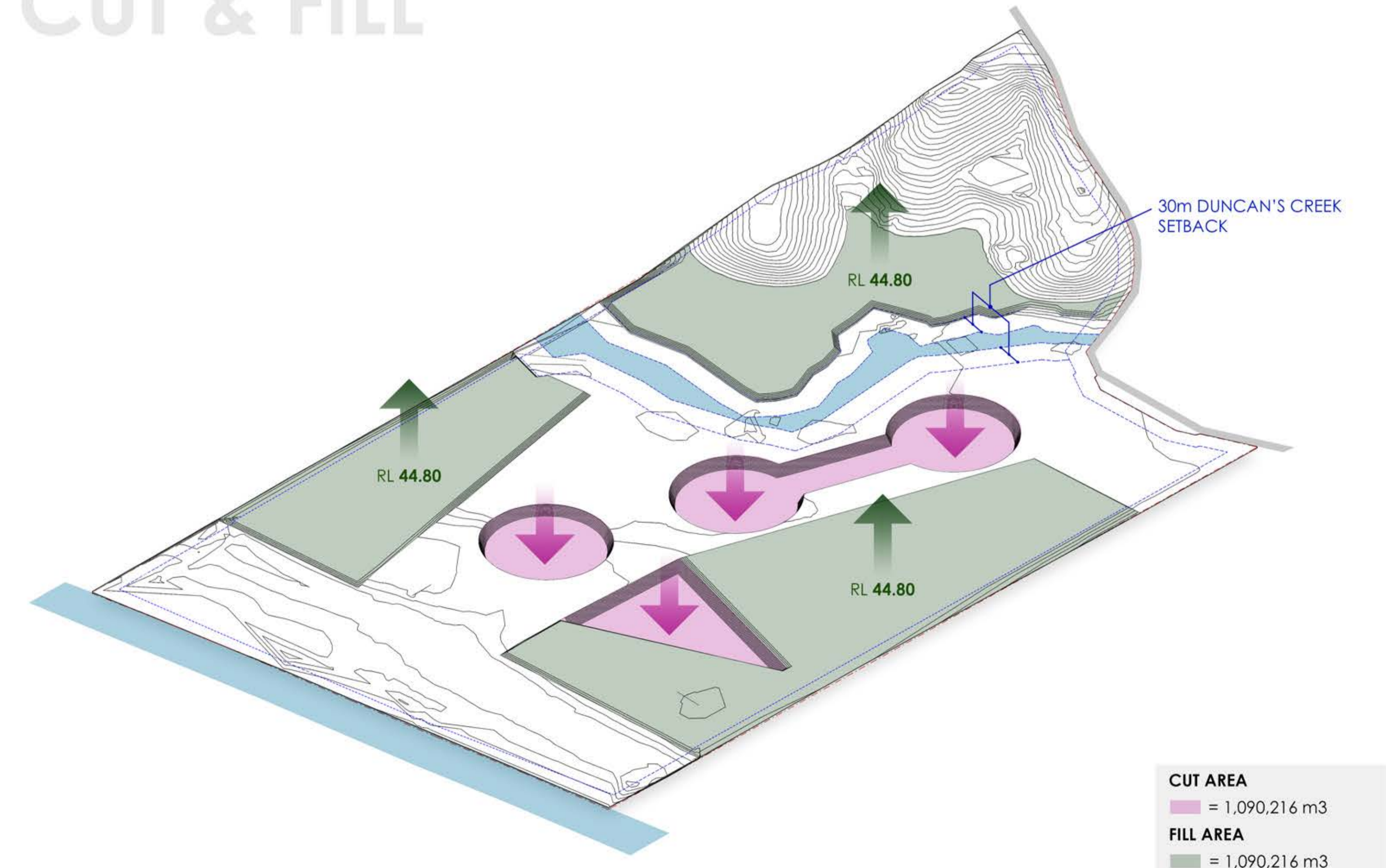
EXISTING



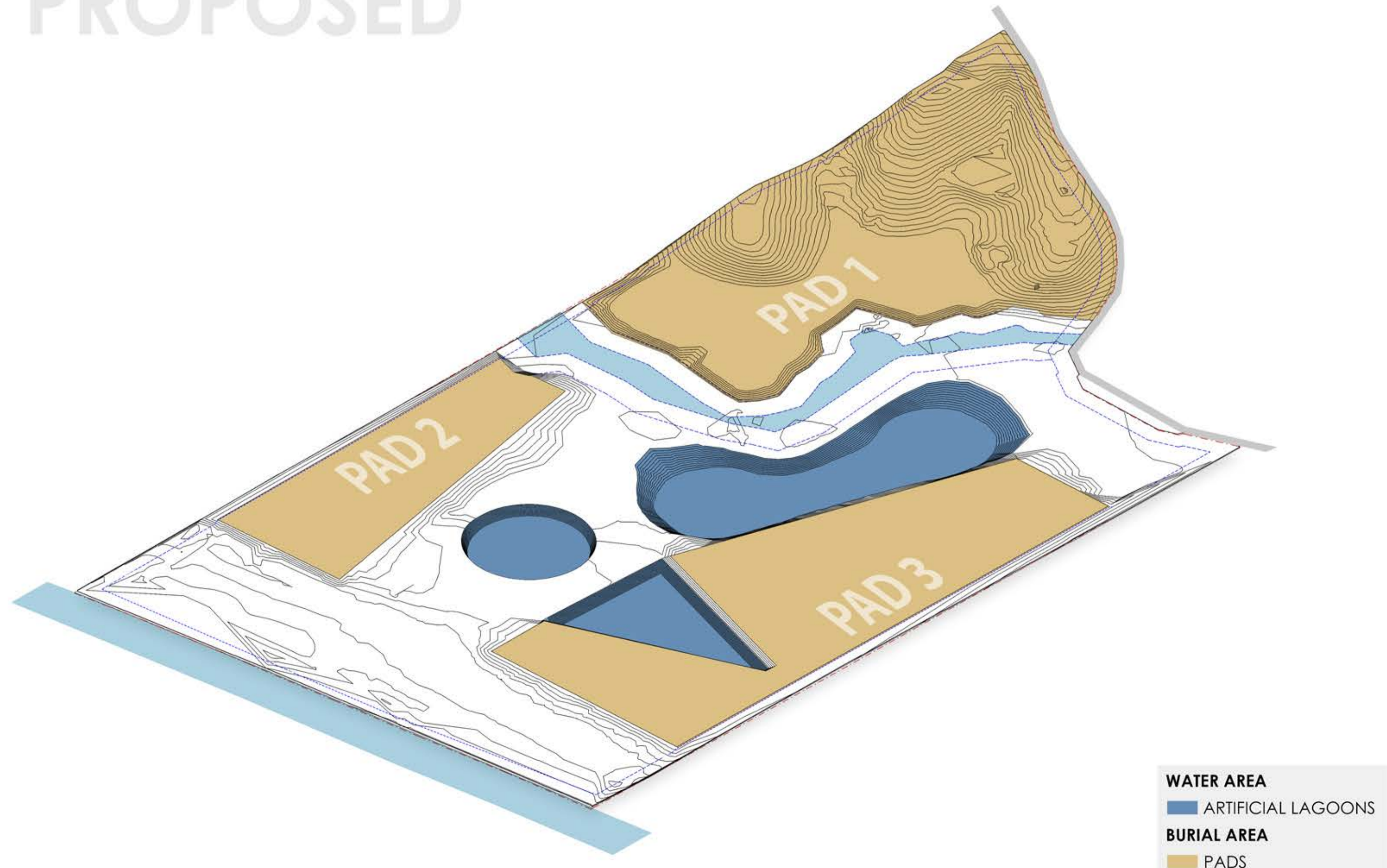
FLOODING



CUT & FILL



PROPOSED





TOTAL PAD AREA = 327,856m2

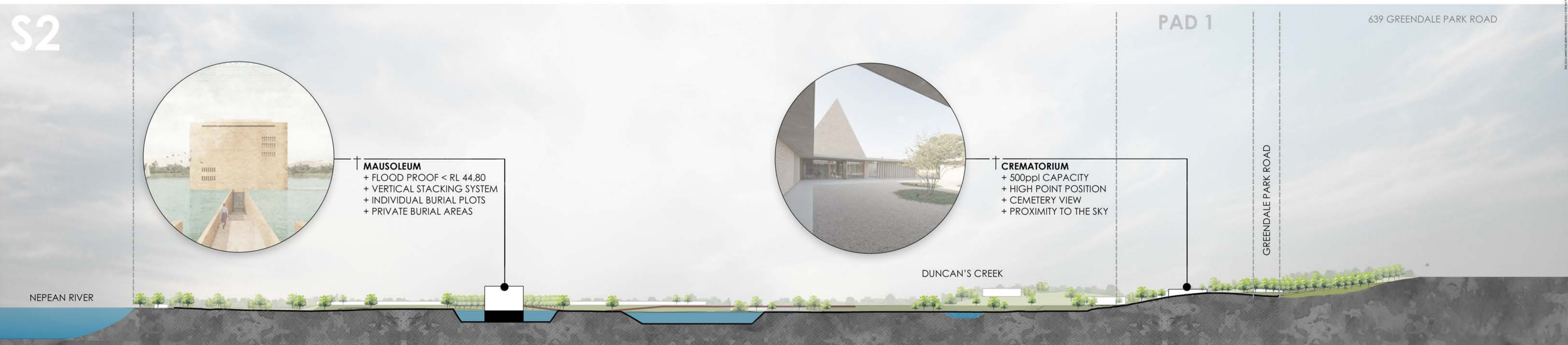
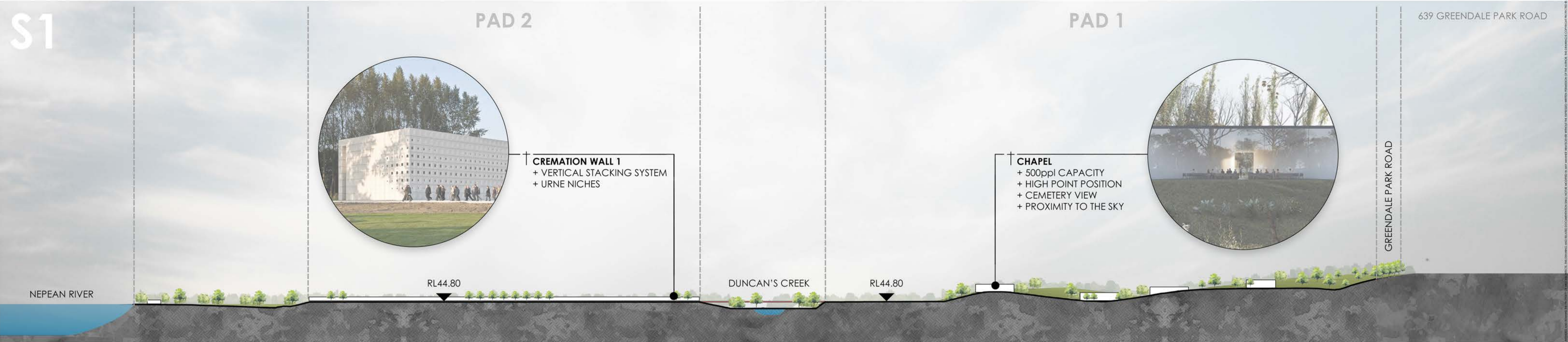
- CAR PARK ISLE (32 CARS SPOTS)
- 8mts WIDE ROAD (2 WAYS TRAFFIC + 1 SIDE PEDESTRIAN WALKWAY + PARALLEL PARKING)
- 3mts WIDE PEDESTRIAN FOOTPATH
- 3mts WIDE PEDESTRIAN FOOTPATH (RAISED TO RL 44.80)





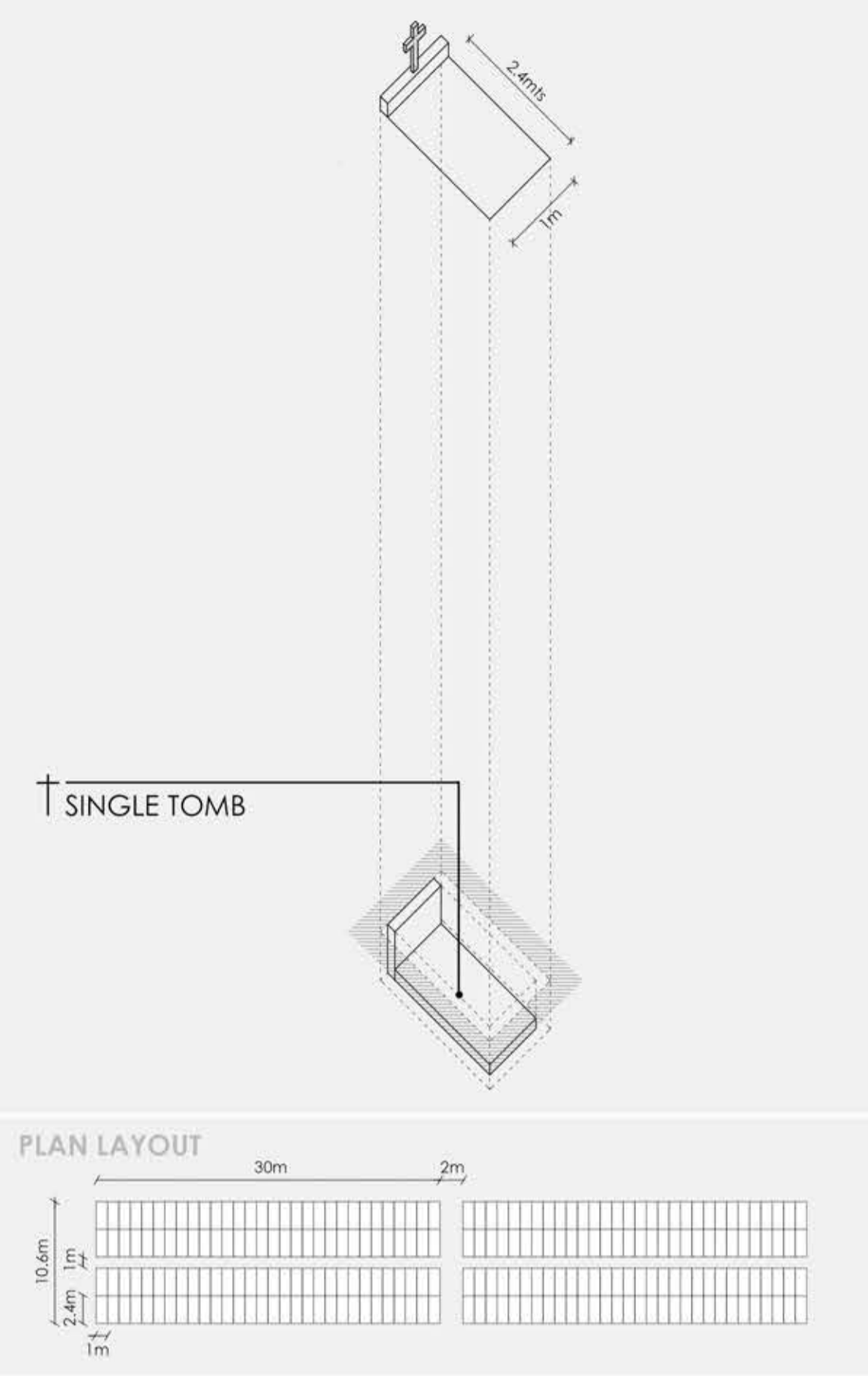
BURIAL PLOTS = 150,000aprox.

INCLUDING:
1. IN-GROUND PLOTS
2. CREMATION WALL PLOTS
3. MAUSOLEUM PLOTS

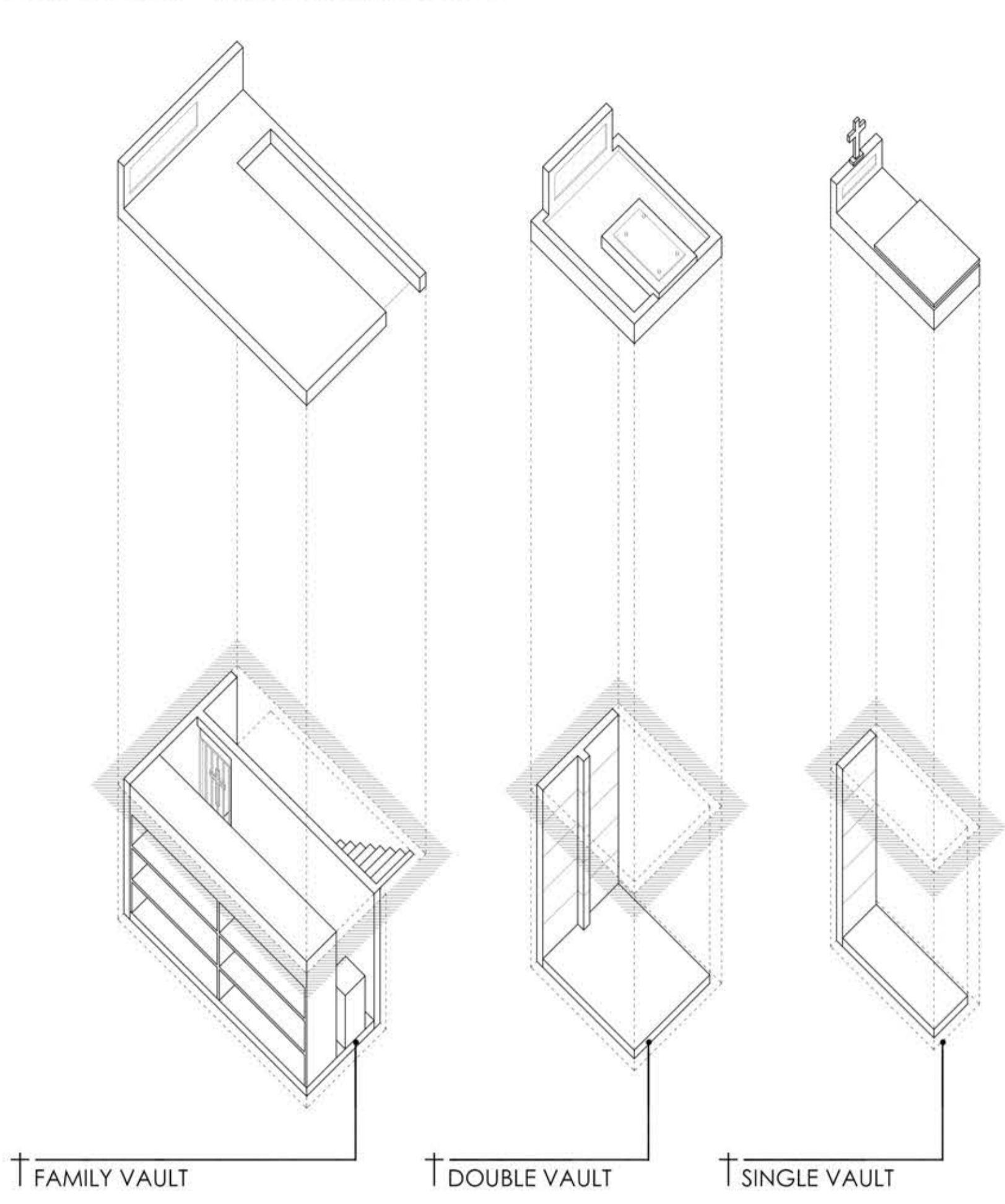


IN-GROUND

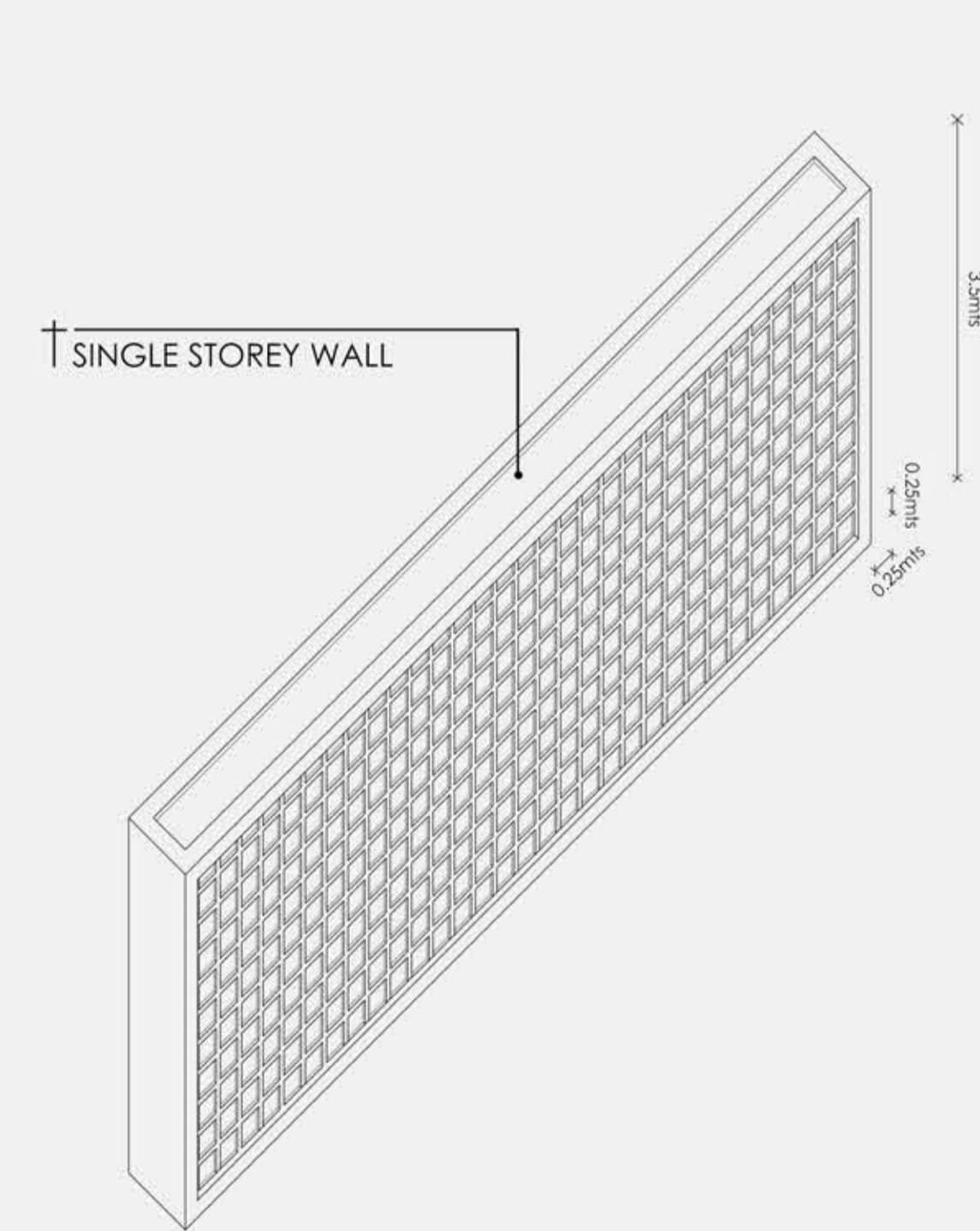
(TRADITIONAL - ISLAMIC - GREEN)



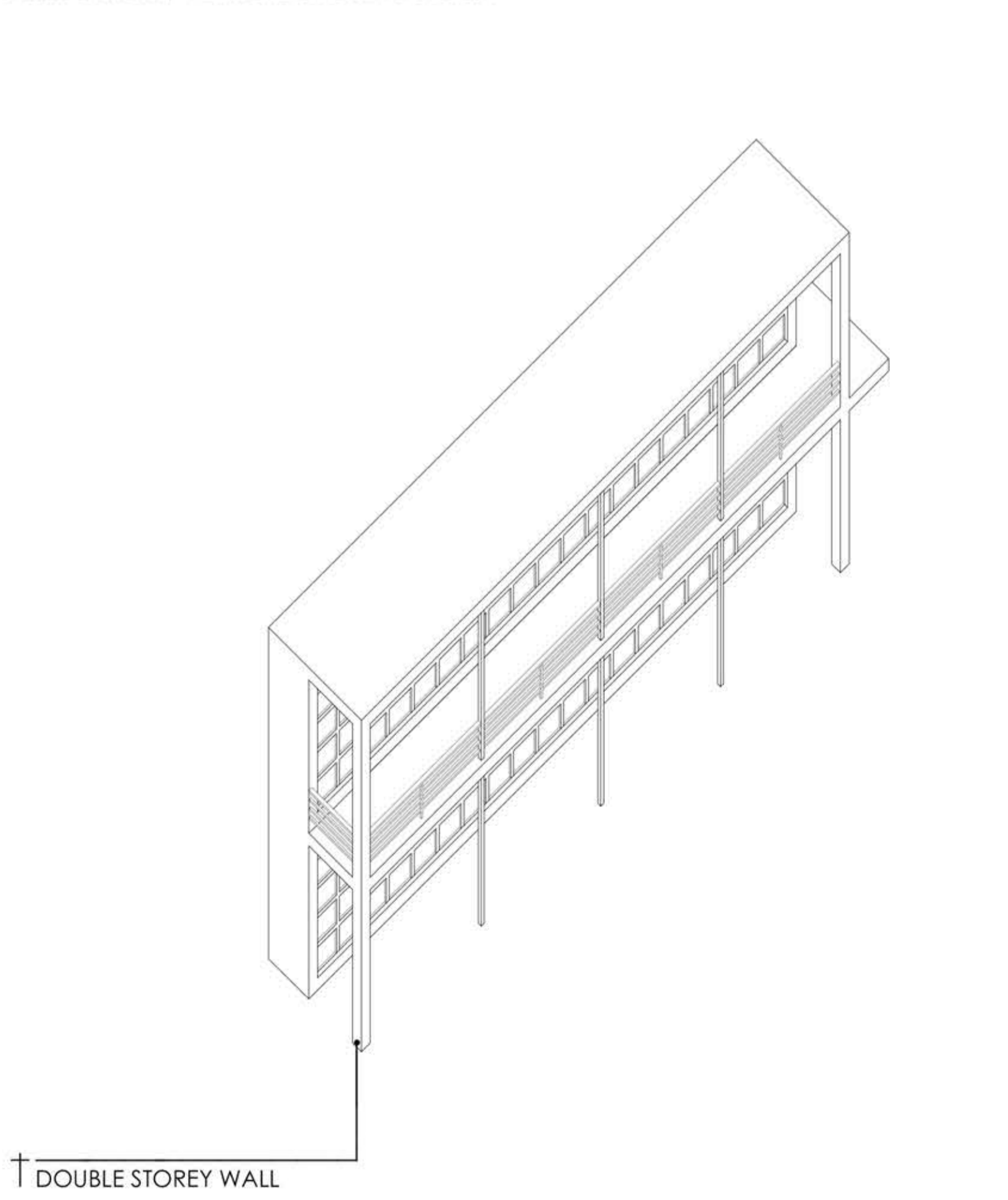
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CREMATION WALL



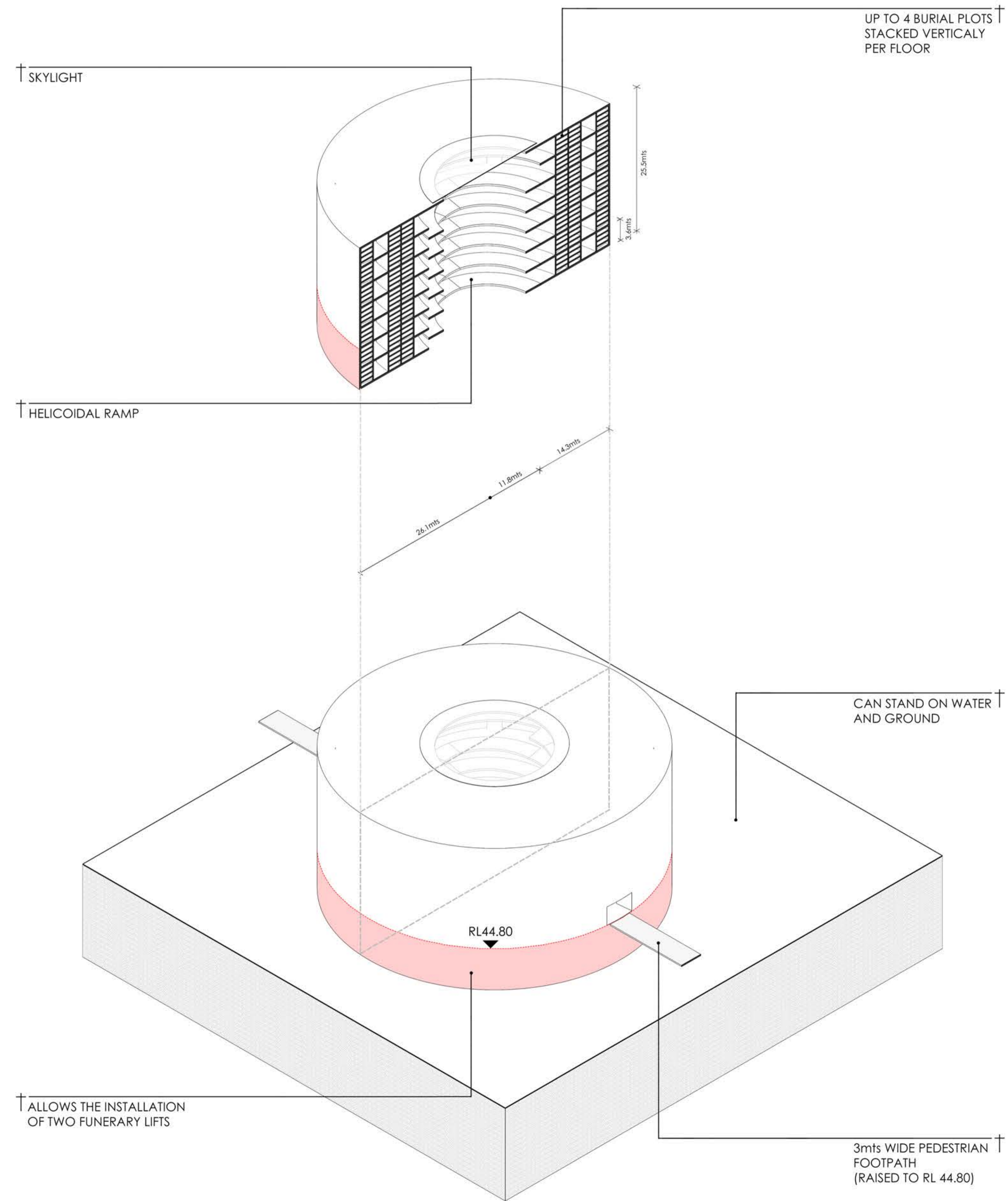
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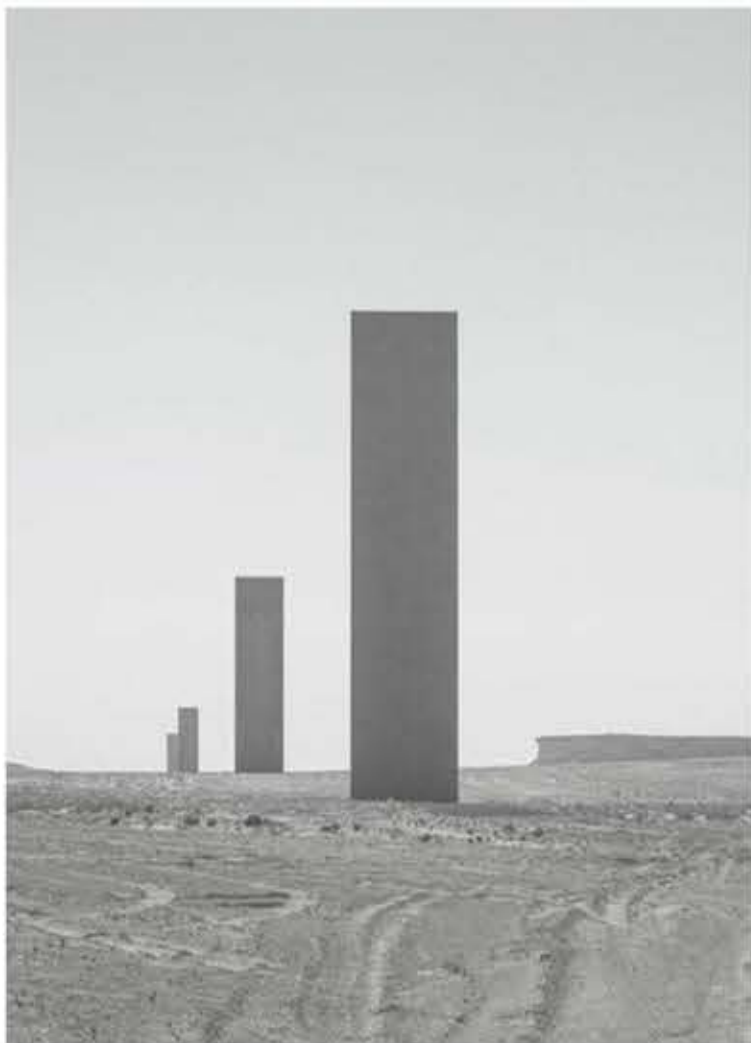
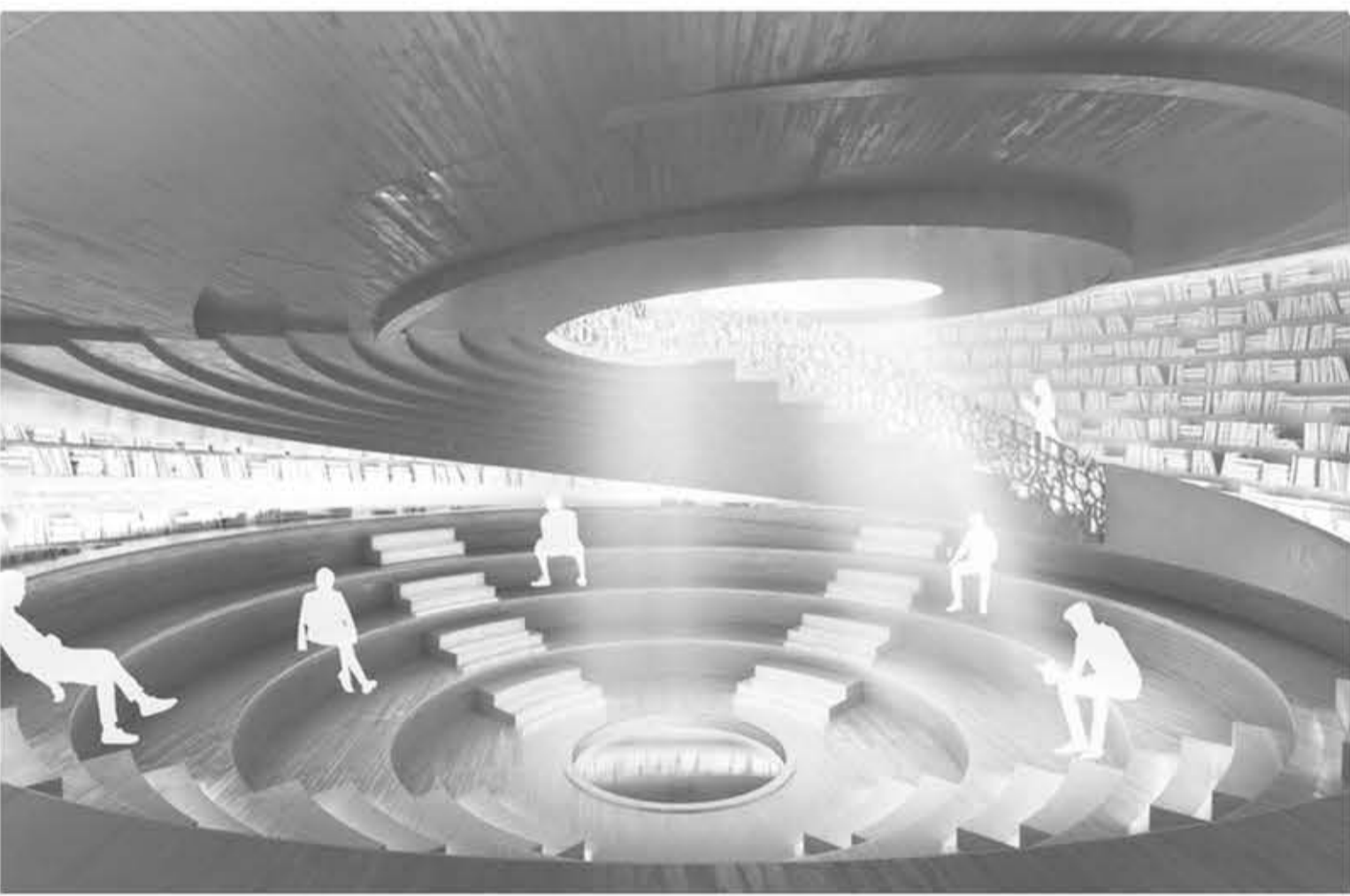
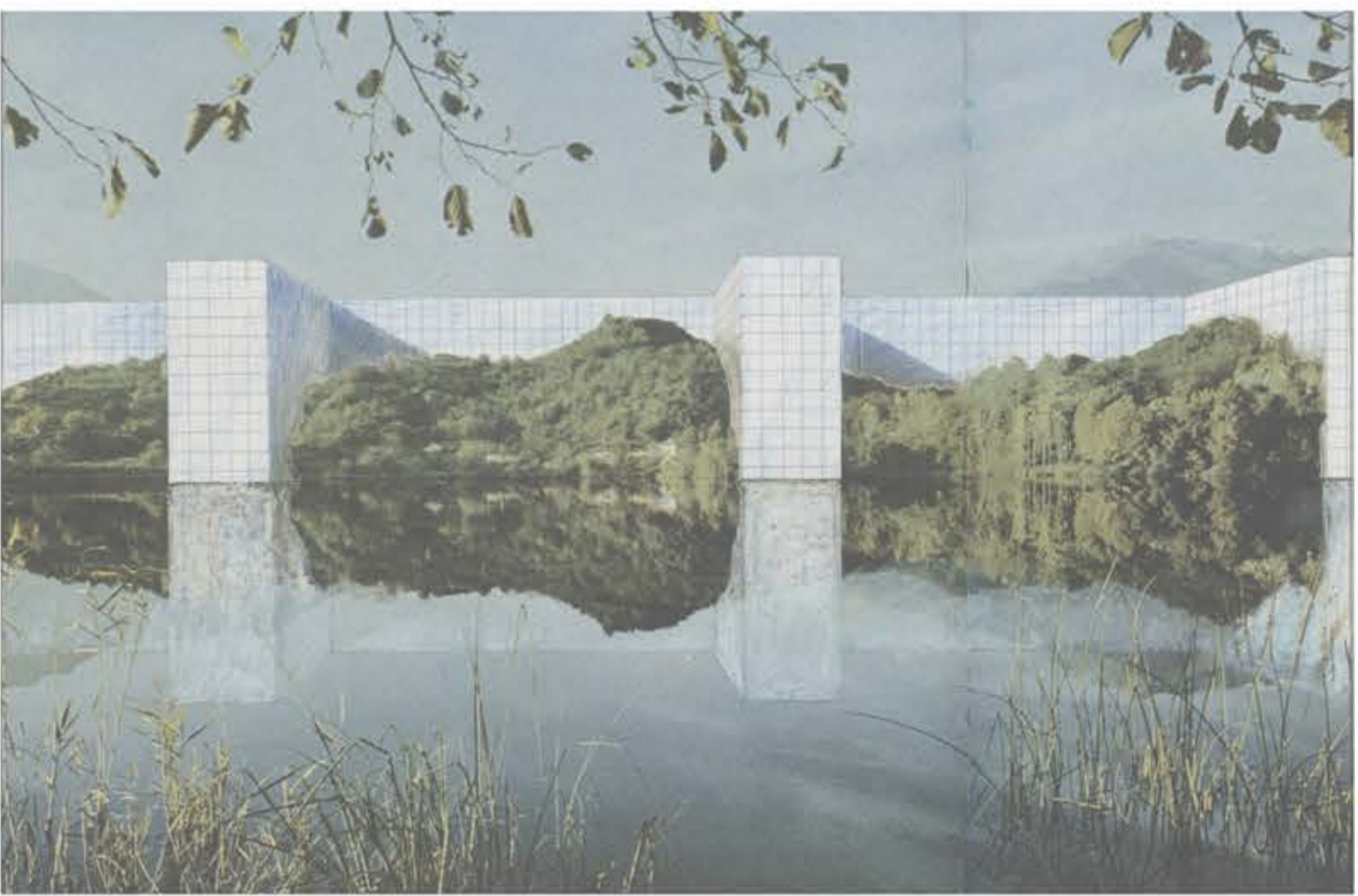
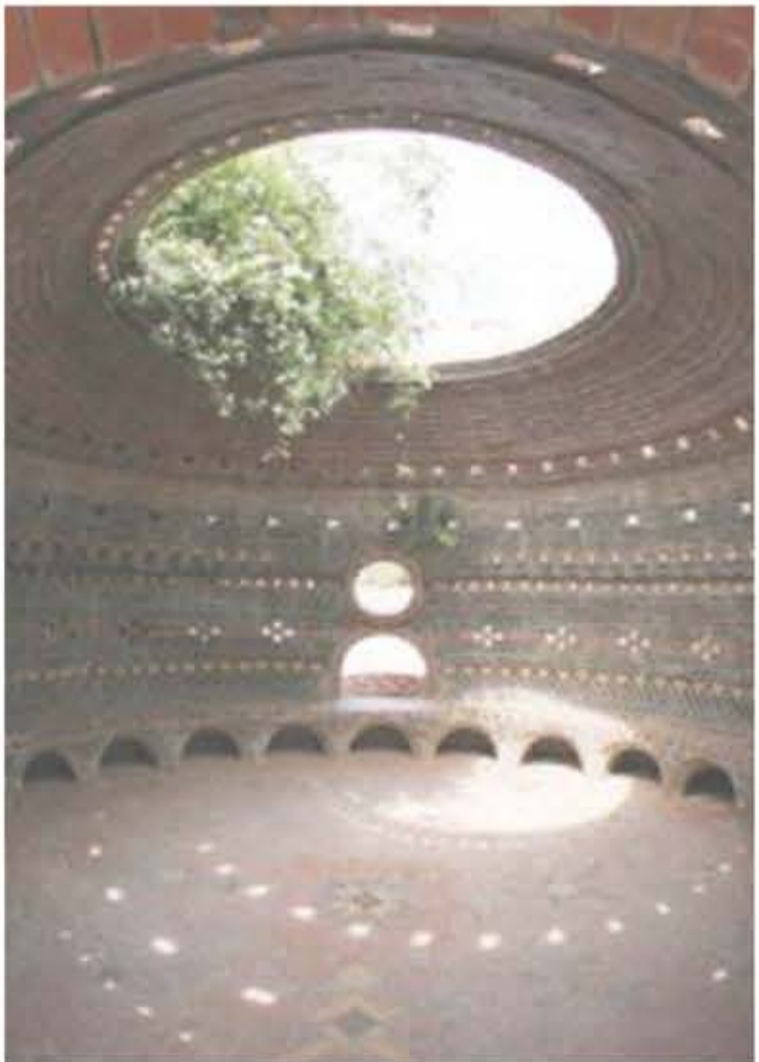
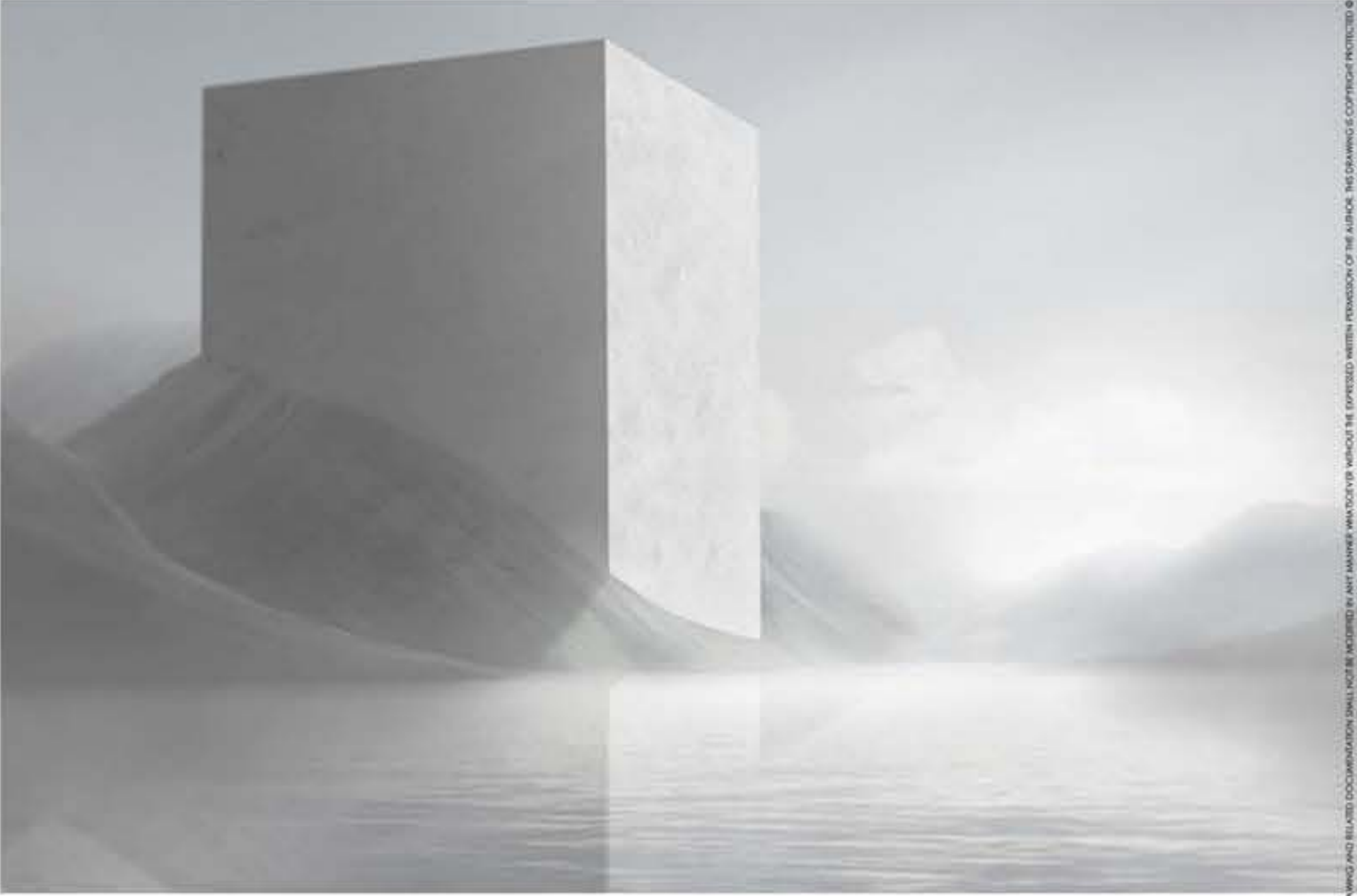
PRECEDENTS

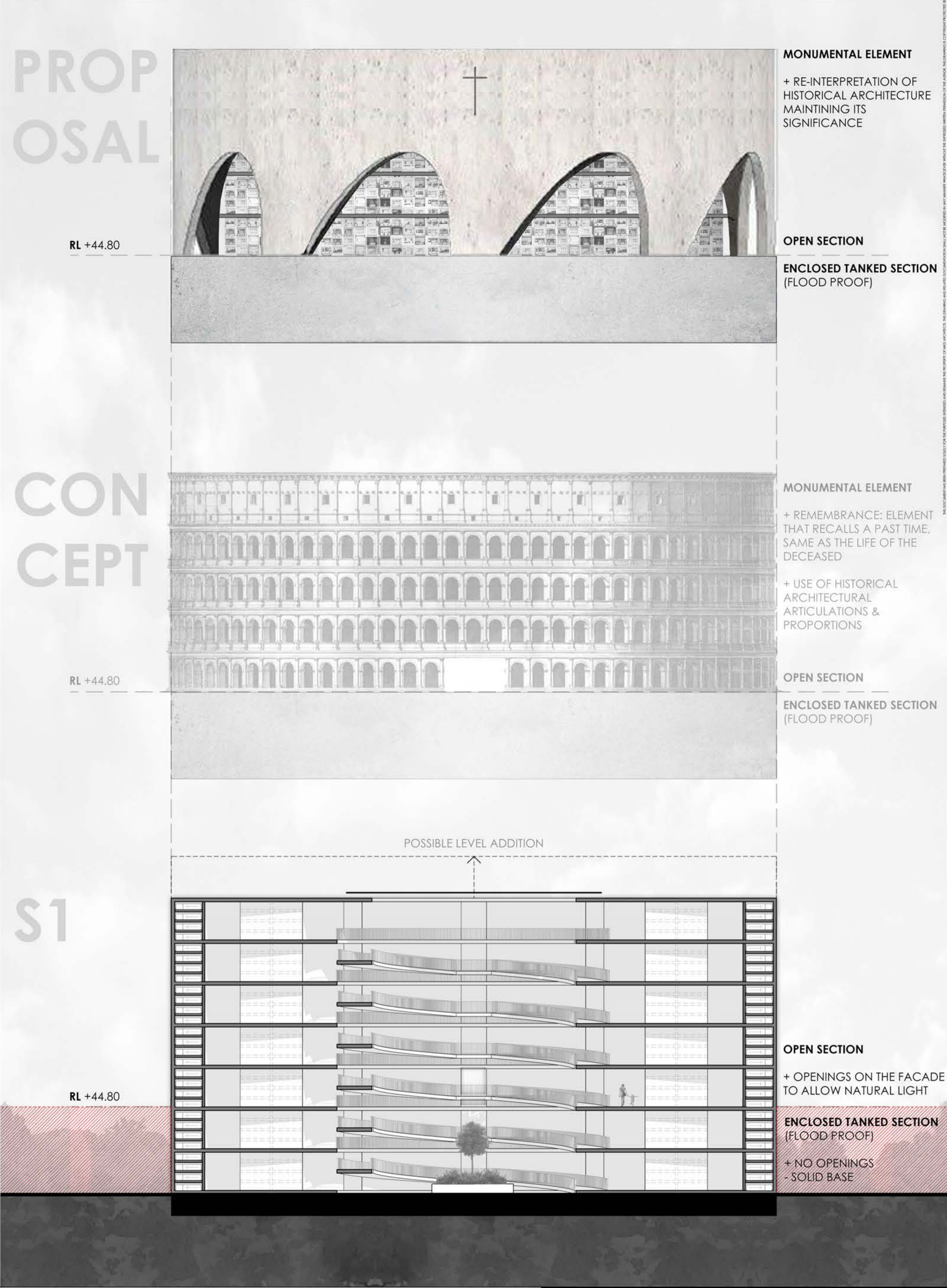
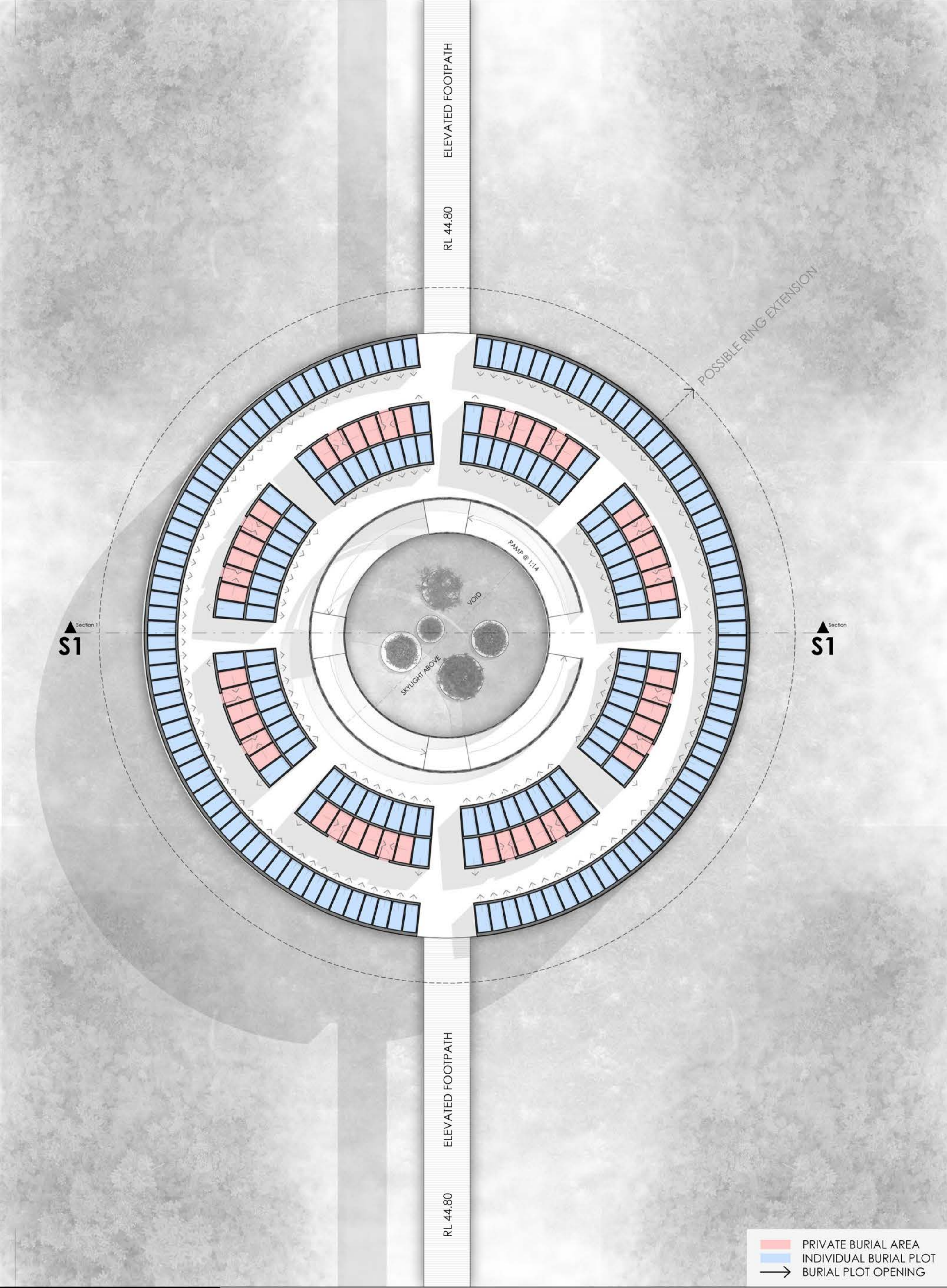


MAUSOLEUM



PRECEDENTS





Appendix G

EPA Records Search

Background

A strategy to systematically prioritise, assess and respond to notifications under Section 60 of the *Contaminated Land Management Act 1997* (CLM Act) has been developed by the EPA. This strategy acknowledges the EPA's obligations to make information available to the public under *Government Information (Public Access) Act 2009*.

When a site is notified to the EPA, it may be accompanied by detailed site reports where the owner has been proactive in addressing the contamination and its source. However, often there is minimal information on the nature or extent of the contamination.

After receiving a report, the first step is to confirm that the report does not relate to a pollution incident. The Protection of the Environment Operations Act 1997 (POEO Act) deals with pollution incidents, waste stockpiling or dumping. The EPA also has an incident management process to manage significant incidents (<https://www.epa.nsw.gov.au/reporting-and-incidents/incident-management>).

In many cases, the information indicates the contamination is securely immobilised within the site, such as under a building or carpark, and is not currently causing any significant risks for the community or environment. Such sites may still need to be cleaned up, but this can be done in conjunction with any subsequent building or redevelopment of the land. These sites do not require intervention under the CLM Act, and are dealt with through the planning and development consent process. In these cases, the EPA informs the local council or other planning authority, so that the information can be recorded and considered at the appropriate time (<https://www.epa.nsw.gov.au/your-environment/contaminated-land/managing-contaminated-land/role-of-planning-authorities>).

Where indications are that the contamination could cause actual harm to the environment or an unacceptable offsite impact (i.e. the land is 'significantly contaminated'), the EPA would apply the regulatory provisions of the CLM Act to have the responsible polluter and/or landowner investigate and remediate the site. If the reported contamination could present an immediate or long-term threat to human health NSW Health will be consulted. SafeWork NSW and Water NSW can also be consulted if there appear to be occupational health and safety risks or an impact on groundwater quality.

As such, the sites notified to the EPA and presented in the list of contaminated sites notified to the EPA are at various stages of the assessment and remediation process. Understanding the nature of the underlying contamination, its implications and implementing a remediation program where required, can take a considerable period of time. The list provides an indication, in relation to each nominated site, as to the management status of that particular site. Further detailed information may be available from the EPA or the person who notified the site.

The following questions and answers may assist those interested in this issue.

Frequently asked questions

Why does my land appear on the list of notified sites?

Your land may appear on the list because:

- the site owner and/or the polluter has notified the EPA under section 60 of the CLM Act
- the EPA has been notified via other means and is satisfied that the site is or was contaminated.

If a site is on the list, it does not necessarily mean the contamination is significant enough to regulate under the CLM Act.

Does the list contain all contaminated sites in NSW?

No. The list only contains contaminated sites that EPA is aware of. If a site is not on the list, it does not necessarily mean the site is not contaminated.

The EPA relies on responsible parties and the public to notify contaminated sites.

How are notified contaminated sites managed by the EPA?

There are different ways the EPA can manage notified contaminated sites. Options include:

- regulation under the CLM Act, POEO Act, or both
- notifying the relevant planning authority for management under the planning and development process
- managing the site under the Protection of the Environment Operation (Underground Petroleum Storage Systems) Regulation 2014.

There are specific cases where contamination is managed under a tailored program operated by another agency (for example, the Resources & Geoscience's Legacy Mines Program).

What should I do if I am a potential buyer of a site that appears on the list?

You should seek advice from the seller to understand the contamination issue. You may need to seek independent contamination or legal advice.

The information provided in the list is indicative only and a starting point for your own assessment. Land contamination from past site uses is common, mainly in urban environments. If the site is properly remediated or managed, it may not affect the intended future use of the site.

Who can I contact if I need more information about a site?

You can contact the Environment Line at any time by calling 131 555 or by emailing info@environment.nsw.gov.au.

List of NSW Contaminated Sites Notified to the EPA

Disclaimer

The EPA has taken all reasonable care to ensure that the information in the list of contaminated sites notified to the EPA (the list) is complete and correct. The EPA does not, however, warrant or represent that the list is free from errors or omissions or that it is exhaustive.

The EPA may, without notice, change any or all of the information in the list at any time.

You should obtain independent advice before you make any decision based on the information in the list.

The list is made available on the understanding that the EPA, its servants and agents, to the extent permitted by law, accept no responsibility for any damage, cost, loss or expense incurred by you as a result of:

- 1. any information in the list; or
- 2. any error, omission or misrepresentation in the list; or
- 3. any malfunction or failure to function of the list;
- 4. without limiting (2) or (3) above, any delay, failure or error in recording, displaying or updating information.

Site Status	Explanation
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 <i>Protection of the Environment Operations Act 1997</i> .
Under Preliminary Investigation Order	The EPA has issued a Preliminary Investigation Order under s10 of the <i>Contaminated Land Management Act 1997</i> , to obtain additional information needed to complete the assessment.

Regulation under CLM Act not required	The EPA has completed an assessment of the contamination and decided that regulation under the <i>Contaminated Land Management Act 1997</i> is not required.
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 <i>Contaminated Land Management Act 1997</i> . A regulatory approach is being finalised.
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.
Contamination currently regulated under POEO Act	Contamination is currently regulated under the Protection of the Environment Operations Act 1997 (POEO Act). The EPA as the appropriate regulatory authority reasonably suspects that a pollution incident is occurring/ has occurred and that it requires regulation under the POEO Act. The EPA may use environment protection notices, such as clean up notices, to require clean up action to be taken. Such regulatory notices are available on the POEO public register.
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 <i>Environmental Planning and Assessment Act 1979</i> (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 formerly regulated under the CLM Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation under the <i>Contaminated Land Management Act 1997</i> (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 <i>Protection of the Environment Operations Act 1997</i> (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 <i>Environmental Planning and Assessment Act 1979</i> (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.

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
URALLA	Caltex Service Station	103 Bridge STREET	Service Station	Regulation under CLM Act not required	-30.64524911	151.4934484
URALLA	Phoenix Foundry	44 Duke STREET	Metal Industry	Regulation under CLM Act not required	-30.65093272	151.5004479
URANQUINTY	Former Caltex Depot Kapooka (Wagga Wagga)	6876 Olympic (Uranquinty Rd) HIGHWAY	Service Station	Regulation under CLM Act not required	-35.15319793	147.3085469
URUNGA	Former Antimony Process plant	Hillside DRIVE	Chemical Industry	Contamination currently regulated under CLM Act	-30.50422942	153.0132011
VALENTINE	BP Express Service Station	855 Macquarie DRIVE	Service Station	Regulation under CLM Act not required	-33.00801109	151.6425806
VALENTINE	Valentine Public School	Tallawalla ROAD	Unclassified	Regulation under CLM Act not required	-33.0091613	151.6423231
VILLAWOOD	Nepotian (Former Toll) Site	110A Christina ROAD	Other Industry	Under preliminary investigation order	-33.87919117	150.9812193
VILLAWOOD	Former Defence Site	29 Biloela STREET	Landfill	Regulation under CLM Act not required	-33.88782978	150.9886275
VILLAWOOD	Former Siemens/Westinghouse	49 Miowera ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-33.87641909	150.9836746
VILLAWOOD	Former Orica Crop Care	2 Christina ROAD	Chemical Industry	Contamination currently regulated under CLM Act	-33.880329	150.9896329
VILLAWOOD	PPG Industries	9 Birmingham AVENUE	Chemical Industry	Regulation under CLM Act not required	-33.87800757	150.9887929
VILLAWOOD	Former Electrical Component Manufacturer	66 Christina ROAD	Other Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.88018315	150.9838773
VILLAWOOD	Ettason Villawood Site	2A Birmingham AVENUE	Chemical Industry	Under preliminary investigation order	-33.878734	150.98259
VINEYARD	Shell Coles Express Service Station	731 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.65780463	150.8753245
WAGGA WAGGA	Caltex Service Station	170 Fitzmaurice STREET	Service Station	Regulation under CLM Act not required	-35.10289587	147.3679002
WAGGA WAGGA	Former BP Service Station	31 Bourke STREET	Service Station	Regulation under CLM Act not required	-35.12626628	147.3547199

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WAGGA WAGGA	Caltex (former Mobil) Service Station	106 Edward STREET	Service Station	Regulation under CLM Act not required	-35.11910909	147.3682364
WAGGA WAGGA	Former Caltex Depot	60 Lake Albert DRIVE	Service Station	Regulation under CLM Act not required	-35.12316794	147.37724
WAGGA WAGGA	Former Mobil Depot Wagga Wagga	97-99 Coleman STREET	Other Petroleum	Regulation under CLM Act not required	-35.12173871	147.3576651
WAGGA WAGGA	Ashmont Autoport	Cnr Tobruk Street and Bardia STREET	Service Station	Regulation under CLM Act not required	-35.12517373	147.329919
WAGGA WAGGA	Former Caltex Service Station	343 Hammond AVENUE	Service Station	Regulation under CLM Act not required	-35.12420793	147.4157959
WAGGA WAGGA	Caltex Service Station	56 - 60 Docker St STREET	Service Station	Regulation under CLM Act not required	-35.11737947	147.3558145
WAGGA WAGGA	Former Iron Foundry	212-230 Hammond STREET	Metal Industry	Regulation under CLM Act not required	-35.12605478	147.4045461
WAGGA WAGGA	Coles Express Wagga Wagga	353-355 Edward STREET	Service Station	Regulation under CLM Act not required	-35.11606625	147.3509339
WAGGA WAGGA	Former Wiradjuri landfill	Narrung STREET	Landfill	Under assessment	-35.09628532	147.3619535
WAGGA WAGGA	Former Gasworks	54 Chaston STREET	Gasworks	Contamination currently regulated under CLM Act	-35.12262069	147.3482778
WAGGA WAGGA	Former Gasworks	Cnr Tarcutta Street and Cross STREET	Gasworks	Contamination currently regulated under CLM Act	-35.10871183	147.3737933
WAGGA WAGGA	BP Wagga Wagga	180 Edward STREET	Service Station	Regulation under CLM Act not required	-35.11850802	147.3639619
WAGGA WAGGA	Former Dry Cleaning Facility	183 Fitzmaurice STREET	Other Industry	Contamination currently regulated under CLM Act	-35.10209987	147.3683852
WAHROONGA	Coles Express Wahroonga	1601 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.71945571	151.1163002
WAHROONGA	7-Eleven Service Station	1579 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.71974617	151.1168106
WAITARA	Caltex Service Station	59-61 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.71064349	151.1024644

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WALGETT	Former Shell Depot	Castlereagh HIGHWAY	Other Petroleum	Regulation under CLM Act not required	-30.00861179	148.1239938
WALLERAWANG	Wallerawang Power Station	1 Main STREET	Other Petroleum	Regulation under CLM Act not required	-33.40339296	150.0855101
WALLERAWANG	Lidsdale Coal Loading Facility	Main STREET	Other Industry	Regulation under CLM Act not required	-33.39996523	150.0737717
WALLSEND	Caltex Maryland Service Station Wallsend	41 Minmi ROAD	Service Station	Regulation under CLM Act not required	-32.88967866	151.6619253
WALLSEND	Coles Express Wallsend East	15 Thomas STREET	Service Station	Regulation under CLM Act not required	-32.90719444	151.6693426
WALLSEND	OneSteel Recycling	64-80 Sandgate ROAD	Metal Industry	Regulation under CLM Act not required	-32.89425477	151.6799648
WALLSEND	Ausgrid Wallsend Depot	Abbott STREET	Other Industry	Regulation under CLM Act not required	-32.90162796	151.6857267
WALLSEND	Cnr of Douglas Street and 111 Newcastle Road Wallsend	111 Newcastle ROAD	Metal Industry	Regulation under CLM Act not required	-32.90414175	151.6830784
WAMBERAL	Caltex Service Station	654 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.42338668	151.4375685
WANGI WANGI	Myuna Colliery	Wangi Point ROAD	Other Industry	Regulation under CLM Act not required	-33.06139532	151.5697186
WARATAH	Waratah Area Health	Turton ROAD	Unclassified	Regulation under CLM Act not required	-32.90961233	151.7260867
WARATAH	Waratah former Gasworks	Turton and Georgetown ROADS	Gasworks	Regulation being finalised	-32.9057763	151.7270033
WARDELL	Nancy's Cattle Dip, Thurgates Lane, Wardell	Thurgates LANE	Cattle Dip	Regulation under CLM Act not required	-28.954176	153.427349
WARILLA	Woolworths Petrol Warilla	43 -57 Shellharbour ROAD	Service Station	Regulation under CLM Act not required	-34.5470966	150.863748
WARKWORTH	Emulsion Plant, Dyno Nobel Asia Pacific Pty Ltd	186 Long Point ROAD	Chemical Industry	Regulation under CLM Act not required	-32.5781708	151.0834387
WARKWORTH	United Colliery	Jerrys Plains ROAD	Other Industry	Regulation under CLM Act not required	-32.5654356	150.9916698

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WARNERS BAY	Caltex Service Station	55 King STREET	Service Station	Regulation under CLM Act not required	-32.97418806	151.6476184
WARNERS BAY	7-Eleven (former Mobil) Service Station	393 Hillsborough ROAD	Service Station	Regulation under CLM Act not required	-32.9659363	151.6543264
WARNERS BAY	Historically Filled Land	41-43 Charles STREET	Unclassified	Regulation under CLM Act not required	-32.97340461	151.6464383
WARNERVALE	Former Timber Treatment Plant	Aldenham and Railway ROADS	Other Industry	Contamination formerly regulated under the CLM Act	-33.24732018	151.4469037
WARRAGAMBA	Warragamba Dam Viewing Platform	Eighteenth STREET	Unclassified	Regulation under CLM Act not required	-33.88546354	150.6024501
WARRAGAMBA	Megarrity's Creek Site	Weir ROAD	Unclassified	Regulation under CLM Act not required	-33.885049	150.597628
WARRAWONG	Caltex Service Station	75-77 King STREET	Service Station	Regulation under CLM Act not required	-34.49037817	150.888802
WARREN	Former Shell Depot	8 Dubbo STREET	Other Petroleum	Regulation under CLM Act not required	-31.69379262	147.8308088
WARREN	Caltex Warren Service Station	1 Coonamble ROAD	Service Station	Regulation under CLM Act not required	-31.69508383	147.8405578
WARREN	Former Mobil Warren Depot	16 Dubbo STREET	Other Petroleum	Contamination currently regulated under CLM Act	-31.6943058	147.8314606
WARWICK FARM	Warwick Farm Public School	95 Lawrence Hargrave ROAD	Unclassified	Regulation under CLM Act not required	-33.91050532	150.9302197
WATERLOO	Proposed Construction Site	2 John STREET	Other Industry	Regulation under CLM Act not required	-33.89989686	151.2010324
WATERLOO	Waverley Woollahra Process Plant	355 Botany ROAD	Other Industry	Regulation under CLM Act not required	-33.9063092	151.2042672
WATERLOO	Shell Coles Express Service Station	867-877 South Dowling STREET	Service Station	Regulation under CLM Act not required	-33.90179774	151.2143789
WATERLOO	Lawrence Dry Cleaners	887-893 Bourke STREET	Unclassified	Contamination currently regulated under CLM Act	-33.89897433	151.2101436
WATERLOO	Diversity Waterloo Blocks C & D and adjacent plaza / park	1, 9, 13, 13A, 13B and 23 Archibald Avenue, 20 Dunkerley Place and 850 Bourke STREET	Other Industry	Regulation under CLM Act not required	-33.90200158	151.2098496

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WATERLOO	Iconic (Former Chubb Factory) Waterloo	830-838 Elizabeth STREET	Other Industry	Regulation under CLM Act not required	-33.90227718	151.2060305
WATERLOO	22-24 Archibald Avenue	22-24 Archibald AVENUE	Other Petroleum	Regulation under CLM Act not required	-33.90263766	151.2132105
WAUCHOPE	Expressway Spares UST	3 Sancrox ROAD	Other Petroleum	Regulation under CLM Act not required	-31.44163879	152.8231104
WAUCHOPE	Former Shell Depot	56-64 High STREET	Other Petroleum	Regulation under CLM Act not required	-31.45804845	152.7314151
WAUCHOPE	Wauchope Service Station	57 High STREET	Service Station	Regulation under CLM Act not required	-31.45737022	152.7305018
WAUCHOPE	Former Timber Treatment Site	Blackbutt DRIVE	Other Industry	Regulation under CLM Act not required	-31.46575645	152.7228555
WAUCHOPE	Shell Coles Express Service Station	64 High STREET	Service Station	Regulation under CLM Act not required	-31.45764495	152.7315975
WAUCHOPE	Wauchope Public Primary School	2 Waugh STREET	Unclassified	Regulation under CLM Act not required	-31.4556387	152.7295455
WAVERTON	SRA Land	95 Bay ROAD	Unclassified	Contamination formerly regulated under the CLM Act	-33.83716728	151.1969497
WAVERTON	Berry's Bay Woodley's Marina	1 Balls Head DRIVE	Other Industry	Contamination formerly regulated under the POEO Act	-33.84441851	151.1947433
WAVERTON	Oyster Cove AGL	2 King STREET	Gasworks	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.83637995	151.193541
WEE JASPER	Wee Jasper Tavern	6499 Wee Jasper ROAD	Other Industry	Regulation under CLM Act not required	-35.110374	148.679405
WELLINGTON	Former Caltex Service Station	124-128 Lee STREET	Service Station	Regulation under CLM Act not required	-32.55082729	148.9411537
WELLINGTON	BP Wellington Service Station	35A Maxwell STREET	Service Station	Under assessment	-32.55835121	148.9447284
WELLINGTON	Woolworths Petrol Wellington	79 Lee STREET	Service Station	Regulation under CLM Act not required	-32.54874227	148.9408531
WENTWORTH	Caltex - Wentworth	110 Adams STREET	Service Station	Regulation under CLM Act not required	-34.1024927	141.9160539

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WENTWORTH FALLS	Bodington Hospital	Bodington DRIVE	Unclassified	Contamination formerly regulated under the CLM Act	-33.73201608	150.3874102
WENTWORTH POINT	RMS Eastern Precinct	3-7 Burroway ROAD	Other Petroleum	Regulation under CLM Act not required	-33.8233882	151.0815668
WENTWORTH POINT	Former TNT Express	23 Bennelong PARKWAY	Other Petroleum	Regulation under CLM Act not required	-33.83115118	151.0726636
WENTWORTHVILLE	Former Workshop	2 Rawson Rd and 8 Barfil CRESCENT	Unclassified	Regulation under CLM Act not required	-33.81568808	150.9671853
WERRINGTON	Caltex Service Station	Cnr Dunheved Rd and Henry Lawson DRIVE	Service Station	Regulation under CLM Act not required	-33.74577725	150.7409877
WERRINGTON	Claremont Meadows Former landfill	Gipps STREET	Landfill	Regulation under CLM Act not required	-33.77341076	150.7557628
WERRINGTON COUNTY	7-Eleven Werrington	Lot 122 Dunheved ROAD	Service Station	Regulation under CLM Act not required	-33.74699408	150.7428609
WEST BALLINA	Caltex Big Prawn Service Station	Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-28.86374913	153.5321482
WEST GOSFORD	Caltex Service Station	283 Manns ROAD	Service Station	Regulation under CLM Act not required	-33.41659727	151.325219
WEST GOSFORD	Caltex Service Station	69-71 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.42729985	151.3214621
WEST GOSFORD	Caltex Service Station	30a Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.42778813	151.3190581
WEST GOSFORD	Adcock Memorial Park	Central Coast HIGHWAY	Landfill	Contamination currently regulated under CLM Act	-33.42963075	151.3273331
WEST NOWRA	Endeavour Energy Nowra Field Service Centre	20 Depot ROAD	Other Industry	Regulation under CLM Act not required	-34.88993085	150.5878854
WEST PENNANT HILLS	7-Eleven (former Mobil) Service Station	552 Pennant Hills ROAD	Service Station	Regulation under CLM Act not required	-33.74686545	151.0508067
WEST RYDE	7-Eleven (former Mobil) Service Station	917 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.80921103	151.0932917
WEST RYDE	Pfizer Australia Pty Ltd	38-42 Wharf ROAD	Chemical Industry	Regulation under CLM Act not required	-33.81021085	151.0693631

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WEST RYDE	Reckitt Benckiser	44 Wharf ROAD	Chemical Industry	Regulation under CLM Act not required	-33.81172205	151.0692752
WEST RYDE	JHM Property Development	2A Mellor STREET	Other Industry	Regulation under CLM Act not required	-33.81207534	151.094598
WEST TAMWORTH	Woolworths Petrol	119 Bridge STREET	Service Station	Regulation under CLM Act not required	-31.09358262	150.9167693
WEST WYALONG	Lowes Petroleum (Former BP) Depot West Wyalong	Compton (formerly known as Town Bypass/Railway Road) ROAD	Other Petroleum	Regulation under CLM Act not required	-33.93440247	147.2154596
WEST WYALONG	Caltex Depot	(Wyalong By-pass Rd) Lot 1-3 Showground ROAD	Service Station	Regulation under CLM Act not required	-33.92580863	147.1978504
WEST WYALONG	Former Mobil Depot	104 Compton ROAD	Other Petroleum	Regulation under CLM Act not required	-33.93449194	147.2147948
WESTON	Illegal Dumping Site	Corner Kline Street & First STREET	Unclassified	Regulation under CLM Act not required	-32.81367986	151.4551507
WETHERILL PARK	Former Fuel Storage Depot	200-212 Cowpasture ROAD	Other Petroleum	Regulation under CLM Act not required	-33.84568871	150.8764012
WETHERILL PARK	Sims Wetherill Park	35-37 Frank STREET	Metal Industry	Regulation under CLM Act not required	-33.84056122	150.9086265
WETHERILL PARK	Shell Coles Express Service Station	565 Polding STREET	Service Station	Regulation under CLM Act not required	-33.8569731	150.8992804
WETHERILL PARK	Cleanaway (Formerly Nationwide Oil) Wetherill Park	6 Davis ROAD	Other Industry	Regulation under CLM Act not required	-33.83770038	150.9045197
WETHERILL PARK	BOC Sydney Operations Centre	428-440 Victoria STREET	Chemical Industry	Regulation being finalised	-33.84375988	150.8960027
WETHERILL PARK	Camide Former Landfill	Newton ROAD	Landfill	Regulation under CLM Act not required	-33.83898879	150.8963813
WICKHAM	Caltex Terminal and "Building 33" on offsite adjacent land	156 Hannell Street and 33 Annie STREET	Other Petroleum	Contamination currently regulated under CLM Act	-32.9153413	151.7560062
WICKHAM	Former Warehouse	10 Dangar STREET	Unclassified	Regulation under CLM Act not required	-32.92383206	151.759761
WICKHAM	Former Factory	57 Annie STREET	Other Industry	Regulation under CLM Act not required	-32.91524827	151.7539893

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WICKHAM	Railcorp Wickham	50 Railway STREET	Other Industry	Regulation under CLM Act not required	-32.9210433	151.7544687
WICKHAM	Fuchs Lubricants Wickham	2 Holland STREET	Other Industry	Under assessment	-32.9214709	151.7556928
WILBERFORCE	Former Drum Reconditioners	12-14 Box AVENUE	Other Industry	Contamination formerly regulated under the CLM Act	-33.5453884	150.8587934
WILBERFORCE	Former Solvent Recycling Site	13 Box AVENUE	Chemical Industry	Regulation under CLM Act not required	-33.54557427	150.8577006
WILEY PARK	Sydney Water Property	1B Hillcrest STREET	Other Industry	Regulation under CLM Act not required	-33.92391634	151.0676256
WILLIAMTOWN	Hunter Land Effluent Pond	38 Cabbage Tree ROAD	Other Industry	Regulation under CLM Act not required	-32.80750069	151.8310107
WILLOUGHBY	Shell Coles Express Service Station	616-626 Willoughby ROAD	Service Station	Regulation under CLM Act not required	-33.80593769	151.1988559
WILLOUGHBY	Caltex Service Station	157 Penhur STREET	Service Station	Regulation under CLM Act not required	-33.79793513	151.1981926
WILLOUGHBY	BP Express Tower	498 Willoughby STREET	Service Station	Contamination currently regulated under POEO Act	-33.81022918	151.199315
WILLOUGHBY EAST	Willoughby Bus Depot	Corner Ann Street and Stan STREET	Other Industry	Regulation under CLM Act not required	-33.7982569	151.2038993
WILTON	Condell Park Homestead	(Part Lot 17 DP 270536) Condell Park ROAD	Unclassified	Regulation under CLM Act not required	-34.21910141	150.6837962
WINDANG	Caltex Service Station	244-248 Windang ROAD	Service Station	Regulation under CLM Act not required	-34.5274434	150.8691161
WINDSOR	Former Caltex Service Station	46-52 Macquarie STREET	Service Station	Regulation under CLM Act not required	-33.60783315	150.8213428
WINDSOR	Former Caltex Windsor Depot and Service Station	48-50 Mileham STREET	Service Station	Regulation under CLM Act not required	-33.61538627	150.8157517
WINDSOR	Woolworths (former Caltex) Service Station	Cnr Macquarie Street & Baker STREET	Service Station	Regulation under CLM Act not required	-33.60569346	150.8232803
WINDSOR	Former Fire Station Windsor	19 Fitzgerald STREET	Other Industry	Under assessment	-33.6064873	150.8199089

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WINGHAM	Former Caltex Service Station	1036-1038 Wingham ROAD	Service Station	Regulation under CLM Act not required	-31.86236594	152.3805752
WINGHAM	Bogas Service Station	Cnr Primrose Street and Isabella STREET	Service Station	Regulation under CLM Act not required	-31.86833656	152.3716346
WINMALEE	Prime Winmalee Service Station	281 Hawkesbury ROAD	Service Station	Regulation under CLM Act not required	-33.68223276	150.5997203
WIRLINGA	Former Liquid Waste Disposal Facility	704 Riverina ROAD	Unclassified	Regulation under CLM Act not required	-36.07103958	147.0193522
WOLLI CREEK	Former Ausgrid Substation 10061	13 Gertrude STREET	Other Industry	Regulation under CLM Act not required	-33.93364031	151.1543818
WOLLONGONG	Redevelopment site	33 - 39 Beatson STREET	Other Petroleum	Regulation under CLM Act not required	-34.43196083	150.8976661
WOLLONGONG	Caltex Service Station	9 Flinders STREET	Service Station	Regulation under CLM Act not required	-34.41505616	150.8932515
WOLLONGONG	Greenhouse Park	Springhill ROAD	Landfill	Contamination currently regulated under CLM Act	-34.44119949	150.8931764
WOLLONGONG	Former Wollongong Gasworks	120 and 122 Smith STREET	Gasworks	Regulation under CLM Act not required	-34.42030173	150.8906745
WOLLONGONG	Woolworths Service Station	425 Crown STREET	Service Station	Contamination currently regulated under CLM Act	-34.42637378	150.8799288
WOLLONGONG	Wollongong Harbour Central Spur	Off Endeavour DRIVE	Other Petroleum	Regulation under CLM Act not required	-34.42066879	150.906821
WOODBURN	Caltex Service Station	129 River STREET	Service Station	Regulation under CLM Act not required	-29.07206887	153.3409769
WOODBURN	Crown Reserve 88037 Woodburn	Pacific HIGHWAY	Landfill	Regulation under CLM Act not required	-29.06580577	153.3541886
WOOLGOOLGA	Caltex Woolgoolga Service Station	16 Bosworth ROAD	Service Station	Regulation under CLM Act not required	-30.12569561	153.1946006
WOOLGOOLGA	United Petroleum Service Station	58 Clarence STREET	Service Station	Under assessment	-30.11045544	153.1904609
WOOLLAHRA	Former Service Station	20 Wallis STREET	Service Station	Regulation under CLM Act not required	-33.8901965	151.2372752

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WOOLLAHRA	Proposed Jewish Care Centre	7-21 Saber STREET	Unclassified	Regulation under CLM Act not required	-33.8904055	151.2480062
WOOLLAHRA	Caltex Woollahra Service Station	116 Old South Head ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.88959697	151.2553736
WOOLLOOMOOLOO	Former BP Service Station	2 Dowley STREET	Service Station	Contamination being managed via the planning process (EP&A Act)	-33.86940191	151.2218741
WOLOMIN	Woolomin Gold Rush Store	65 Nundle ROAD	Other Petroleum	Contamination formerly regulated under the CLM Act	-31.30415134	151.149729
WOOLOOWARE	Caltex Service Station	100 Woollooware ROAD	Service Station	Regulation under CLM Act not required	-34.05274635	151.1408413
WOOLOOWARE	Oyster Farm	Captain Cook DRIVE	Other Industry	Regulation under CLM Act not required	-34.03807914	151.1476055
WOONGARRAH	Former Warnervale Landfill	236-264 Hakone ROAD	Landfill	Regulation under CLM Act not required	-33.2376313	151.464362
WOOTTON	Former Chemical Spill Site	11859 Pacific HIGHWAY	Chemical Industry	Regulation under CLM Act not required	-32.28168548	152.3117819
WOY WOY	Mobil Former Woy Woy Service Station and adjacent land	177-181 Blackwall ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.49254403	151.3270829
WOY WOY	Barry Robertson Holden	231 Blackwall ROAD	Service Station	Regulation under CLM Act not required	-33.49621068	151.3285128
WOY WOY	Bogas Service Station	66 Memorial AVENUE	Service Station	Contamination currently regulated under CLM Act	-33.5069738	151.3315579
WOY WOY	Rogers Park	Dunban ROAD	Landfill	Regulation under CLM Act not required	-33.50009693	151.3181347
WOY WOY	Austin Butler Memorial Oval	Blackwall ROAD	Landfill	Regulation under CLM Act not required	-33.48626871	151.3276042
WOY WOY	James Browne Oval	Welcome STREET	Landfill	Regulation under CLM Act not required	-33.49756053	151.3234871
WYALONG	Caltex Service Station	50 Neeld (Newell Highway) STREET	Service Station	Regulation under CLM Act not required	-33.92665025	147.2446546
WYOMING	Caltex Service Station Wyoming	465 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.40945391	151.3499812

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
WYONG	Wyong Bayer/Kemcon	16 Lucca ROAD	Chemical Industry	Contamination formerly regulated under the CLM Act	-33.26192339	151.4429446
WYONG	Caltex Service Station	M1 Pacific (Northbound) MOTORWAY	Service Station	Regulation under CLM Act not required	-33.25641477	151.4024821
WYONG	Caltex Service Station	M1 Pacific (Southbound) MOTORWAY	Service Station	Regulation under CLM Act not required	-33.25330747	151.4053862
WYONG	IXOM Facility	8 Pavitt CRESCENT	Other Industry	Regulation under CLM Act not required	-33.26379108	151.4485113
YAGOONA	Galserv Galvanising Services	117-153 Rookwood ROAD	Metal Industry	Contamination currently regulated under POEO Act	-33.89493085	151.0388013
YAGOONA	BP Service Station Potts Hill (Yagoona)	155 Rookwood ROAD	Service Station	Regulation under CLM Act not required	-33.89330525	151.0390969
YAGOONA	7-Eleven (former Mobil) Service Station	519 Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-33.90760623	151.0207783
YAGOONA	Shell Coles Express Service Station	112 Rookwood ROAD	Service Station	Regulation under CLM Act not required	-33.89856213	151.0370458
YAGOONA	Sydney Water Corporation Potts Hill Complex	91 Brunner ROAD	Other Industry	Regulation under CLM Act not required	-33.89887589	151.0289165
YALLAH	Tallawarra Power Station site	Princes HIGHWAY	Unclassified	Ongoing maintenance required to manage residual contamination (CLM Act)	-34.52412143	150.8062159
YAMBA	Caltex Service Station	22 Treelands DRIVE	Service Station	Regulation under CLM Act not required	-29.42701701	153.3279204
YANCO	Former Service Station	14 Main AVENUE	Service Station	Contamination formerly regulated under the CLM Act	-34.60356494	146.4105016
YASS	Caltex Service Station	228 Comur STREET	Service Station	Regulation under CLM Act not required	-34.84440036	148.9140179
YASS	Caltex Service Station	1715 Yass Valley WAY	Service Station	Regulation under CLM Act not required	-34.80708856	148.8824228
YASS	Former Mobil Depot Yass and adjacent land	54-58 Laidlaw STREET	Service Station	Ongoing maintenance required to manage residual contamination (CLM Act)	-34.83252976	148.9068888
YASS	Former Gasworks	Dutton STREET	Gasworks	Contamination currently regulated under CLM Act	-34.83982614	148.9060029

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Search results

Your search for: Suburb: WALLACIA

did not find any records in our database.

If a site does not appear on the record it may still be affected by contamination. For example:

- Contamination may be present but the site has not been regulated by the EPA under the Contaminated Land Management Act 1997 or the Environmentally Hazardous Chemicals Act 1985.
- The EPA may be regulating contamination at the site through a licence or notice under the Protection of the Environment Operations Act 1997 (POEO Act).
- Contamination at the site may be being managed under the [planning process](#).

More information about particular sites may be available from:

- The [POEO public register](#)
- The appropriate planning authority: for example, on a planning certificate issued by the local council under [section 149 of the Environmental Planning and Assessment Act](#).

See [What's in the record and What's not in the record](#).

If you want to know whether a specific site has been the subject of notices issued by the EPA under the CLM Act, we suggest that you search by Local Government Area only and carefully review the sites that are listed.

This public record provides information about sites regulated by the EPA under the Contaminated Land Management Act 1997, including sites currently and previously regulated under the Environmentally Hazardous Chemicals Act 1985. Your inquiry using the above search criteria has not matched any record of current or former regulation. You should consider searching again using different criteria. The fact that a site does not appear on the record does not necessarily mean that it is not affected by contamination. The site may have been notified to the EPA but not yet assessed, or contamination may be present but the site is not yet being regulated by the EPA. Further information about particular sites may be available from the appropriate planning authority, for example, on a planning certificate issued by the local council under section 149 of the Environmental Planning and Assessment Act. In addition the EPA may be regulating contamination at the site through a licence under the Protection of the Environment Operations Act 1997. You may wish to search the POEO public register. [POEO public register](#)



For

9 July 2020

business and industry 

For local government

Contact us

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-  info@epa.nsw.gov.au (mailto:info@epa.nsw.gov.au)

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Number	Name	Location	Type	Status	Issued date
1501707	BERNARD FUSSELL	665 Bents Basin Road, WALLACIA, NSW 2745	s.91 Clean Up Notice	Issued	11-Nov-11
3085769180	BERNARD FUSSELL	665 Bents Basin Road, WALLACIA, NSW 2745	Penalty Notice	Issued	22-Feb-13
3085772021	BERNARD FUSSELL	665 Bents Basin Road, WALLACIA, NSW 2745	Penalty Notice	Issued	5-Aug-13
1540640	DIB HANNA ABDALLAH HANNA	82 Park Road, WALLACIA, NSW 2745	s.91 Clean Up Notice	Issued	7-Sep-16
1516188	HENDRICK CORNELIS MAK	1600 Greendale Road, Wallacia , WALLACIA, NSW 2745	s.91 Clean Up Notice	Issued	12-Nov-13
3085774203	HENDRICK CORNELIS MAK	1600 Greendale Road, Wallacia , WALLACIA, NSW 2745	Penalty Notice	Issued	29-May-14
3085774212	HENDRICK CORNELIS MAK	1600 Greendale Road, Wallacia , WALLACIA, NSW 2745	Penalty Notice	Issued	29-May-14
1509036	Joseph and Karen Bugeja	470 Bents Basin Road, WALLACIA, NSW 2745	s.91 Clean Up Notice	Issued	25-Sep-12
1547011	USANNE JANE HARRIS	169 Park Road , WALLACIA, NSW 2745	s.91 Clean Up Notice	Issued	4-Jul-17
1547023	MICHAEL SUKKAR	1504 Mulgoa Road, WALLACIA, NSW 2745	s.91 Clean Up Notice	Issued	3-Feb-17
1547278	MICHAEL SUKKAR	147 Park Road, WALLACIA, NSW 2745	s.91 Clean Up Notice	Issued	3-Feb-17
1559839	MOUNIR EL EJEL	147 Park Road, WALLACIA, NSW 2745	s.91 Clean Up Notice	Issued	11-Apr-18
3173525850	MOUNIR EL EJEL	147 Park Road, WALLACIA, NSW 2745	Penalty Notice	Issued	18-Jun-18
1508170	ROB DORN	344 Park Road, WALLACIA, NSW 2745	s.91 Clean Up Notice	Issued	15-Aug-12
12235	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	POEO licence	Issued	23-Dec-04
1044480	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	25-Oct-05
1061022	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	1-Aug-06
1074762	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	27-Jun-07
1081518	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	16-Sep-08
1092478	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	3-Nov-08
1116054	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	2-Jul-10
1129009	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	27-Jun-11
1504906	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	28-Jun-12
1512452	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	Compliance Audit	Complete	27-Feb-13
1528931	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	23-Mar-15
1538209	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	19-Feb-16
1539419	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	7-Apr-16
1542297	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	27-Jul-16
1572516	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	30-Nov-18
1577329	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	25-Mar-19
1580211	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	1-Jul-19
1586319	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	4-Oct-19
1587680	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	31-Oct-19
1594027	SYDNEY WATER CORPORATION	including the STP at NORTONS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	16-Jun-20
4312	THE PROPRIETORS, STRATA PLAN NO 30514	GREENDALE ROAD, WALLACIA, NSW 2745	POEO licence	Surrendered	25-Oct-99
1021182	THE PROPRIETORS, STRATA PLAN NO 30514	GREENDALE ROAD, WALLACIA, NSW 2745	s.80 Surrender of a Licence	Issued	14-Nov-02
1543865	WALLACIA SOILS PTY LIMITED	205 BENTS BASIN ROAD, WALLACIA, NSW 2745	s.91 Clean Up Notice	Issued	19-Aug-16
20737	WALLACIA SOILS PTY LIMITED	205 BENTS BASIN ROAD, WALLACIA, NSW 2745	POEO licence	Surrendered	6-Apr-17
3085782756	WALLACIA SOILS PTY LIMITED	205 BENTS BASIN ROAD, WALLACIA, NSW 2745	Penalty Notice	Issued	27-Jun-17
1551413	WALLACIA SOILS PTY LIMITED	205 BENTS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	15-Jul-17
1557318	WALLACIA SOILS PTY LIMITED	205 BENTS BASIN ROAD, WALLACIA, NSW 2745	s.58 Licence Variation	Issued	13-Oct-17
1585118	WALLACIA SOILS PTY LIMITED	205 BENTS BASIN ROAD, WALLACIA, NSW 2745	s.80 Surrender of a Licence	Issued	31-Oct-19