



# Mount Piper to Wallerawang Transmission Line Upgrade




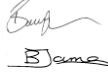


## Technical Paper 11 – Contamination Assessment

Transgrid

August 2025

→ The Power of Commitment



<b>Project name</b>		Mount Piper to Wallerawang Transmission Line Upgrade Project					
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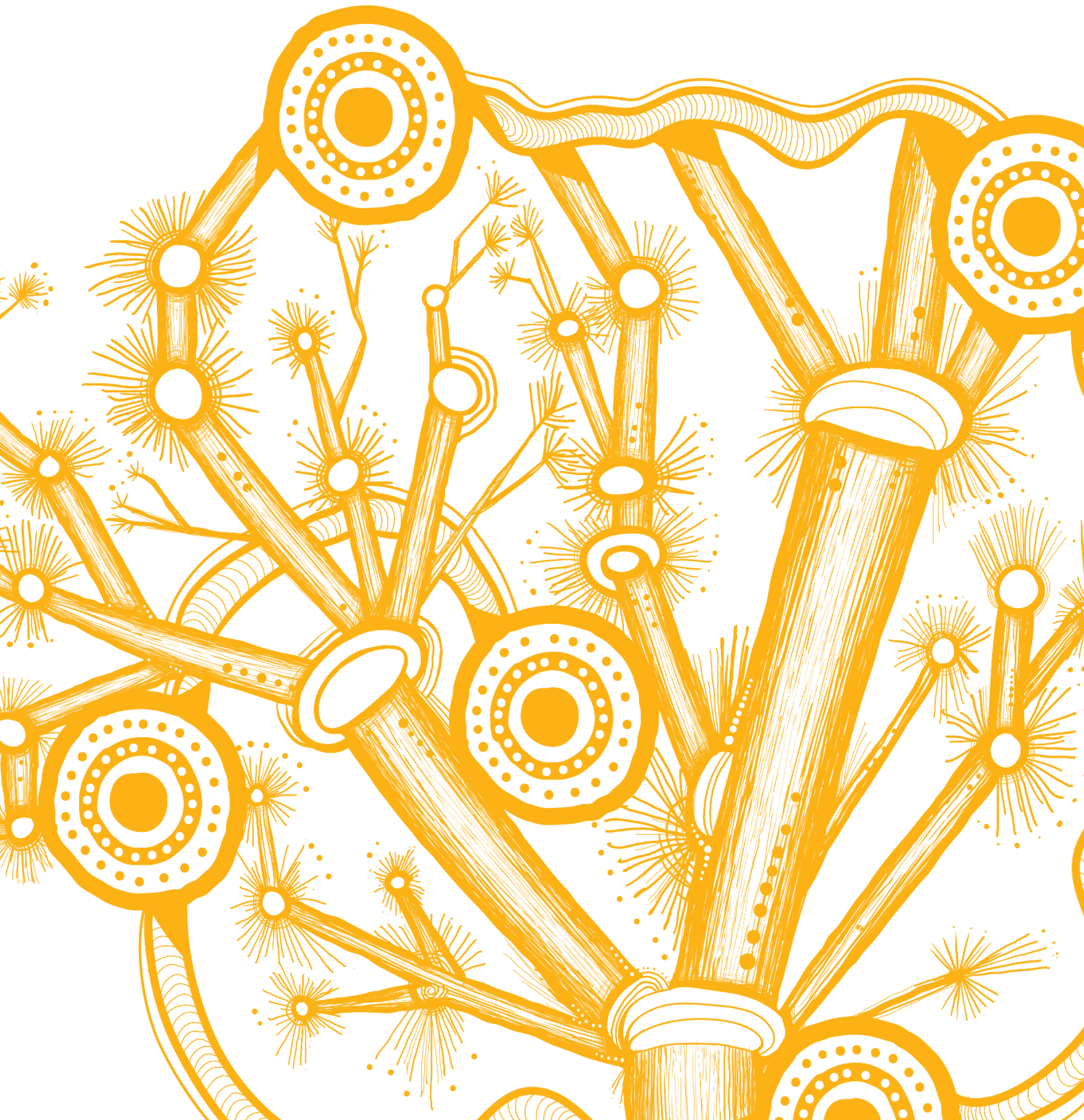
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# Acknowledgement of Country

Transgrid and GHD acknowledge Aboriginal and Torres Strait Islander peoples as the Traditional Custodians of the land, water and sky throughout Australia on which we do business. We recognise their strength, diversity, resilience and deep connections to Country. We pay our respects to Elders of the past, present and future, as they hold the memories, knowledges and spirit of Australia. Transgrid and GHD are committed to learning from Aboriginal and Torres Strait Islander peoples in the work we do.



# Executive summary

## The project

Transgrid proposes to deliver approximately eight kilometres (km) of new 330 kilovolt (kV) transmission line and double circuit transmission structures located between the Mount Piper 500 kV/330 kV substation (Mount Piper 330 kV substation) and Wallerawang 330 kV/132 kV substation (Wallerawang 330 kV substation) (the project). The project would incorporate sections of an existing, single-circuit 132 kV transmission line, where the two transmission lines would share a widened easement and transmission structures. The project is located within the Central West region of NSW within the Lithgow Local Government Area (Lithgow LGA).

The project is identified in the NSW Network Infrastructure Strategy (EnergyCo 2023) and also supports the key tenets of the NSW Electricity Infrastructure Roadmap (DPIE 2020). The Roadmap identifies that the expansion of renewable generation must be accompanied by increased transmission capacity to transfer power from Renewable Energy Zones (REZ) in inland NSW to key demand centres. The Mount Piper to Wallerawang Transmission Line Upgrade Project would provide the additional capacity required to reliably transmit power from the Central West Orana REZ to the Greater Sydney region.

## Purpose of this report

This contamination assessment has been prepared as part of the Environmental Impact Statement (EIS) to assess potential contamination impacts from the construction and operation of the project. The assessment has been undertaken in accordance with the environmental assessment requirements of the Planning Secretary of the Department of Planning, Housing and Infrastructure (the SEARs).

## Existing environment

The study area comprises a mix of natural and developed areas. Key existing infrastructure and features include the Mount Piper 330 kV and the Wallerawang 330 kV substations and associated transmission lines, Centennial Coal mining operations, agricultural land, the former Wallerawang Power Station and the nearby urban area of Wallerawang. The study area also includes natural landscapes, such as the Coxs River and the Gardens of Stone State Conservation Area.

The topography of the study area is undulating, characterised by a ridgeline sloping to the north. The undulating topography leads to groundwater level variance across the project footprint. Six soil landscapes occur within the project footprint, however the probability of Naturally Occurring Asbestos (NOA) and Acid Sulfate Soils (ASS) occurring is considered low.

An onsite visual inspection of the project footprint and surrounding area was completed in May 2024. The outcomes of the inspection coupled with reviews of desktop information identified some areas of environmental concern (AECs) which have been assessed in this report. The risk of contamination being present is increased at the western and eastern ends of the projects due to the industrial land uses at these locations.

## Impacts from the project

A number of AECs have been identified where potential linkages exist between potential sources of contamination, either in soil and/or groundwater, the project footprint and excavation activities required as part of the project. The risk of encountering contaminated soils is considered to be low, mostly due to the relatively small percentage of the project footprint which would be subject to disturbance by excavation. Exposure of construction personnel through dermal contact or inhalation of contaminated soils is considered to be minimal, given the small excavation volumes and with the implementation of standard mitigation measures.

The risk of intercepting groundwater during ground disturbance is considered to be low due to the overall small volume and relatively shallow depths of excavation required. The risk of intercepting groundwater would be higher during piling activities for transmission line structures, which have an excavation depth (up to 18 m). Overall, the risk of such activities encountering groundwater that is contaminated, is considered low due to the limited number of AECs identified and the relatively small diameter of piles.

During operation, the risk of exposure to contaminants is considered to be very low as routine maintenance would largely comprise visual inspections, vegetation clearing, track maintenance and minor excavation activity by maintenance personnel. The potential for localised contamination events to occur would be managed in accordance with Transgrid's existing environmental policies and internal environmental management system (EMS).

## **Cumulative impacts**

The contamination assessment has noted that the project is of low risk of interacting with existing contamination within or adjacent to the project footprint. Where multiple projects are present in the area and requiring disposal of contaminated waste this has the potential to put a strain on local waste facilities where contaminated waste can be disposed of.

Provided that construction activities are managed in accordance with the proposed mitigation measures, the project is unlikely to generate cumulative impacts with other projects.

## **Recommended mitigation measures**

The methodology for undertaking excavation works (including piling) within AECs identified as having a potentially complete source-pathway-receptor linkage would be undertaken during detailed design and construction planning with avoidance of disturbance the preference. Disturbance of soils within AECs identified as having a potentially complete source-pathway-receptor linkage would be managed with an adaptive management approach to reduce human health risk and environment risk. Testing of soils would be undertaken with management measures to be developed as required in accordance with the Assessment of Site Contamination (NEPC 2013) and the Waste Classification Guidelines (NSW EPA 2014).

Mitigation measures to address contamination would be integrated into the Soil and Water Management Plan, which would form a component of the Construction Environmental Management Plan (CEMP).

## **Conclusion**

While there are a number of potential sources of contamination (AECs) located within or close to the project footprint, it is considered unlikely that significant or widespread contamination is present. The risk from these sources is generally considered low and unlikely to impact the construction and/or operation of the project, however, there are locations in the project footprint with an increased risk due to industrial land uses particularly around the western and eastern ends of the project.

The mitigation measures relevant to construction would be included in the project CEMP. Operation risks from exposure to contamination would be managed in accordance with Transgrid's existing environmental policies and internal EMS. With the implementation of these measures, the project's residual impact on soil and contamination is expected to be negligible.

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# Key terms, acronyms and abbreviations

Abbreviations	Definitions
AEC	Areas of Environmental Concern
AFFF	Aqueous Film Forming Foam
AHD	Australian Height Datum
AS	Australian Standard
ASS	Acid Sulfate Soil
BESS	Battery Energy Storage System
bgl	Below ground level
BOM	Bureau of Meteorology
BTEX	Benzene, toluene, ethylbenzene, xylene
CEMP	Construction Environmental Management Plan
CLM Act	<i>Contaminated Land Management Act 1997</i>
CLMP	Contaminated Land Management Plan
CoPC	Contaminants of potential concern
CSM	Conceptual Site Model
CSSI	Critical State Significant Infrastructure
CT1	Contaminant Threshold 1
CWO REZ	Central-West Orana Renewable Energy Zone
DEC	Department of Environment and Conservation
DEMP	Demolition Environmental Management Plan
DGV	Default guideline value
DP	Deposited Plans
DPIE	Department of Planning, Industry and Environment
DoP	Douglas Partners
DSI	Detailed Site Investigation
EIS	Environmental impact statement
EMS	Environmental Management System
EnergyCo	Energy Corporation of NSW
ENM	Excavated Natural Material
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
EPA	Environment Protection Authority
EPL	Environment Protection Licence
GDE	Groundwater dependent ecosystem
GHD	GHD Pty Ltd
GIR	Geotechnical Investigation Report
GSW	General Solid Waste
Ha	Hectare
HEPA	Heads of Environmental Protection Agency
km	Kilometre
kV	Kilovolt

Abbreviations	Definitions
LNAPL	Light Non-Aqueous Phase Liquid
LNAR	Lambert North Ash Repository
LSAR	Lambert South Ash Repository
LCC	Lithgow City Council
LGA	Local Government Area
L/s	Litres per second
LOR	Limit of Reporting
m	Metres
ML	Megalitre
NOA	Naturally Occurring Asbestos
NEMP	National Environmental Management Plan
NEPM	National Environment Protection (Assessment of Site Contamination) Measure
NSW	New South Wales
OCPs	Organochlorine Pesticides
OPPs	Organophosphorus Pesticides
PACM	Potential Asbestos Containing Material
PAHs	Polycyclic aromatic hydrocarbons
PASS	Potential Acid Sulfate Soil
PCBs	Polychlorinated Biphenyls
PESA	Preliminary environmental site assessment
PFAS	Per- and polyfluoroalkyl substances
POEO Act	<i>Protection of the Environment Operations Act 1997</i>
PPE	Personal Protection Equipment
PSI	Preliminary Site Investigation
RAP	Remedial Action Plan
REA	Reject Emplacement Area
REZ	Renewable Energy Zones
SAS	Site Audit Statement
SCA	State Conservation Area
SEARs	Secretary's environmental assessment requirements
SPR	Sources, pathway and receptors
SPT	Standard Penetration Testing
SWL	Standing water level
SWMP	Soil and Water Management Plan
TRH	Total recoverable hydrocarbons
UFP	Unexpected Finds Protocol
UST	Underground Storage Tank
UXO	Unexploded Ordnance
VENM	Virgin Excavated Natural Materials
VOCs	Volatile Organic Compounds
µS/cm	Microsiemens per centimetre

# 1. Introduction

## 1.1 Background

The Commonwealth and NSW governments have both established targets to achieve net-zero emissions by 2050. Achieving these targets requires low emissions technologies to be deployed at scale across all sectors of the economy, including the electricity generation sector, currently Australia's largest source of greenhouse gas emissions.

The NSW Transmission Infrastructure Strategy (DPE 2018) aims to engage the private sector to invest in priority energy infrastructure projects, which can deliver low-cost, clean and reliable energy to consumers

As part of the Transmission Infrastructure Strategy, the NSW Government has developed a plan to establish five Renewable Energy Zones (REZs) to increase renewable energy generation, reduce carbon emissions, and help deliver lower wholesale electricity costs to consumers. The Central-West Orana REZ (CWO REZ), being the first REZ established, is planned to generate at least 4.5 gigawatt by the late-2020s.

The NSW Government's Electricity Infrastructure Roadmap (DPIE 2020) identifies that the expansion of renewable generation must be accompanied by increased transmission capacity to transfer power from REZs in inland NSW to key demand centres. Interest in new energy generation projects in the CWO REZ is forecasted to exceed the existing transmission network capacity in several locations. The existing infrastructure located between the Mount Piper 550/330 kilovolt (kV) substation (Mount Piper 330 kV substation) and the Wallerawang 330/132 kV substation (Wallerawang 330 kV substation) has been identified in the NSW Network Infrastructure Strategy (EnergyCo 2023) as requiring upgrades. The Mount Piper to Wallerawang Transmission Line Upgrade Project (the project) would provide the additional capacity required to reliably transmit power from the CWO REZ to the Greater Sydney region.

## 1.2 Location

The project is located within the Central West region of NSW within the Lithgow City Local Government Area (LGA). It is located approximately 14 kilometres (km) north-west of Lithgow situated on the western fringes of the Blue Mountains (Figure 1.1).

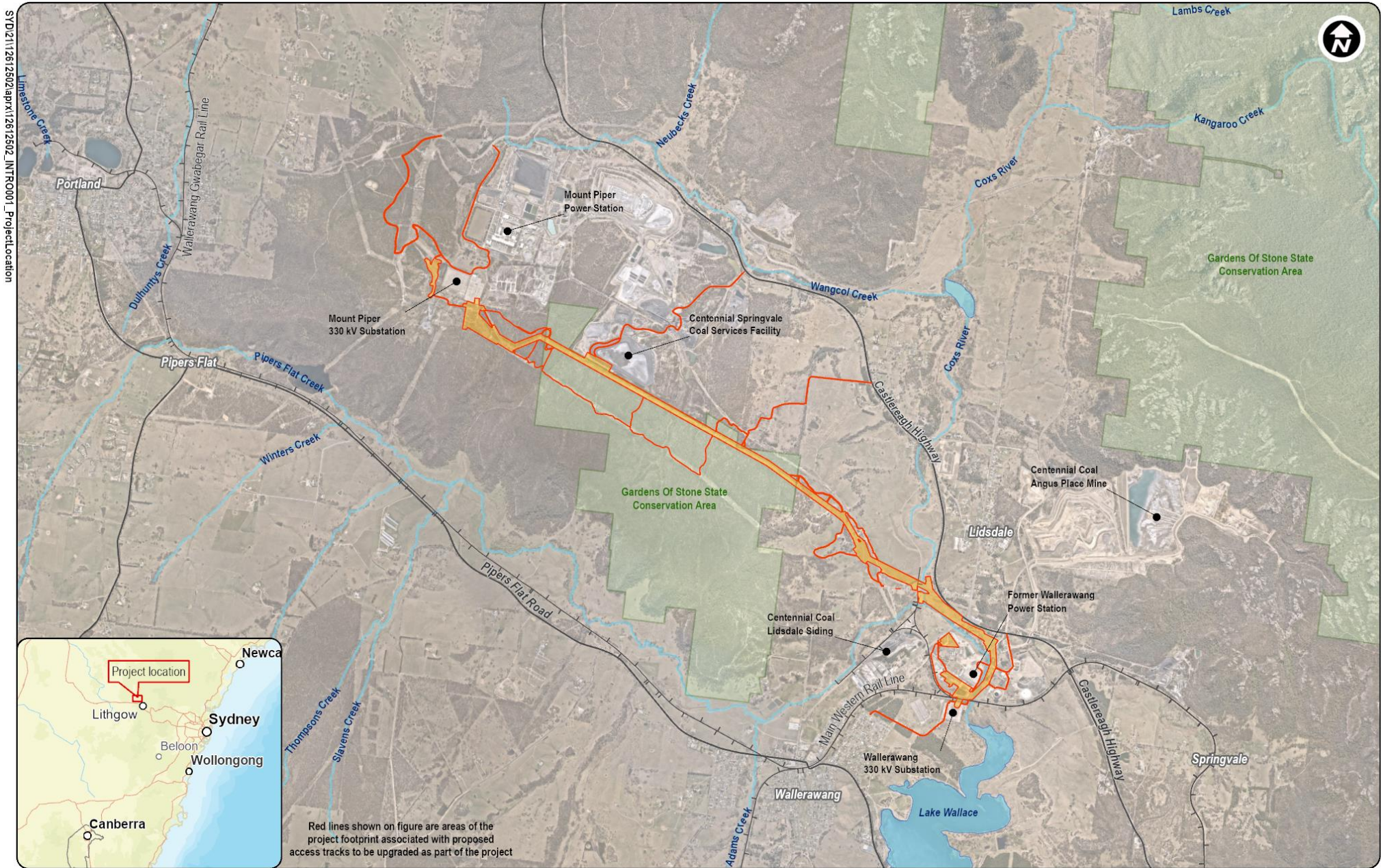
The area that is to be directly affected by the construction and operation of the project, is referred to as the project footprint and is shown in Figure 1.1. The project footprint is approximately 86.5 hectares in size and is generally bounded by the following:

- Castlereagh Highway to the north
- Former Wallerawang Power Station site to the east
- Gardens of Stone State Conservation Area (SCA) to the south
- Mount Piper Power Station to the north-west.

Land uses within and adjacent to the project footprint include:

- Electricity generation at Mount Piper Power Station
- Electricity transmission, including the Mount Piper and Wallerawang 330 kV substations, and associated transmission lines
- Mining activities, with several Centennial Coal operations including the former Ivanhoe Coal Mine and Springvale Coal Services overlapping the project footprint
- Agriculture, primarily livestock grazing
- Conservation, notably the Gardens of Stone SCA
- State and local road reserves including the Castlereagh Highway, Boulder Road and Brays Lane
- Rail corridors including the Main Western Rail Line and a disused railway line near Brays Lane.

A mixture land uses are proposed at the former Wallerawang Power Station site. This may include commercial and industrial land use. Development of a Battery Energy Storage System is also proposed by others at the site.



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- |  |  |   |
|--|--|---|
| <b>Project components</b>  | <b>Existing environment</b>  | <b>Railway</b>  |
| <span style="display: inline-block; width: 15px; height: 10px; background-color: orange; border: 1px solid black;"></span> Project footprint | <span style="display: inline-block; width: 15px; height: 10px; background-color: #c8e6c9; border: 1px solid black;"></span> Gardens of Stone SCA | <span style="display: inline-block; width: 15px; border-bottom: 1px solid black;"></span> Railway     |
|  | <span style="display: inline-block; width: 15px; border-bottom: 1px solid black;"></span> Roads  | <span style="display: inline-block; width: 15px; border-bottom: 1px dashed blue;"></span> Watercourse |

**Figure 1.1** Project location and regional context

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0 500 1,000  
Metres  
Grid: GDA2020 MGA Zone 56

# 1.3 The project

The project would involve construction and operation of approximately 8 km of new 330 kV transmission line between the Mount Piper and Wallerawang 330 kV substations as shown in Figure 1.2. The project would also include the replacement of transmission structures, partial adjustment of existing transmission lines, permanent and temporary access tracks, construction compounds and laydown areas.

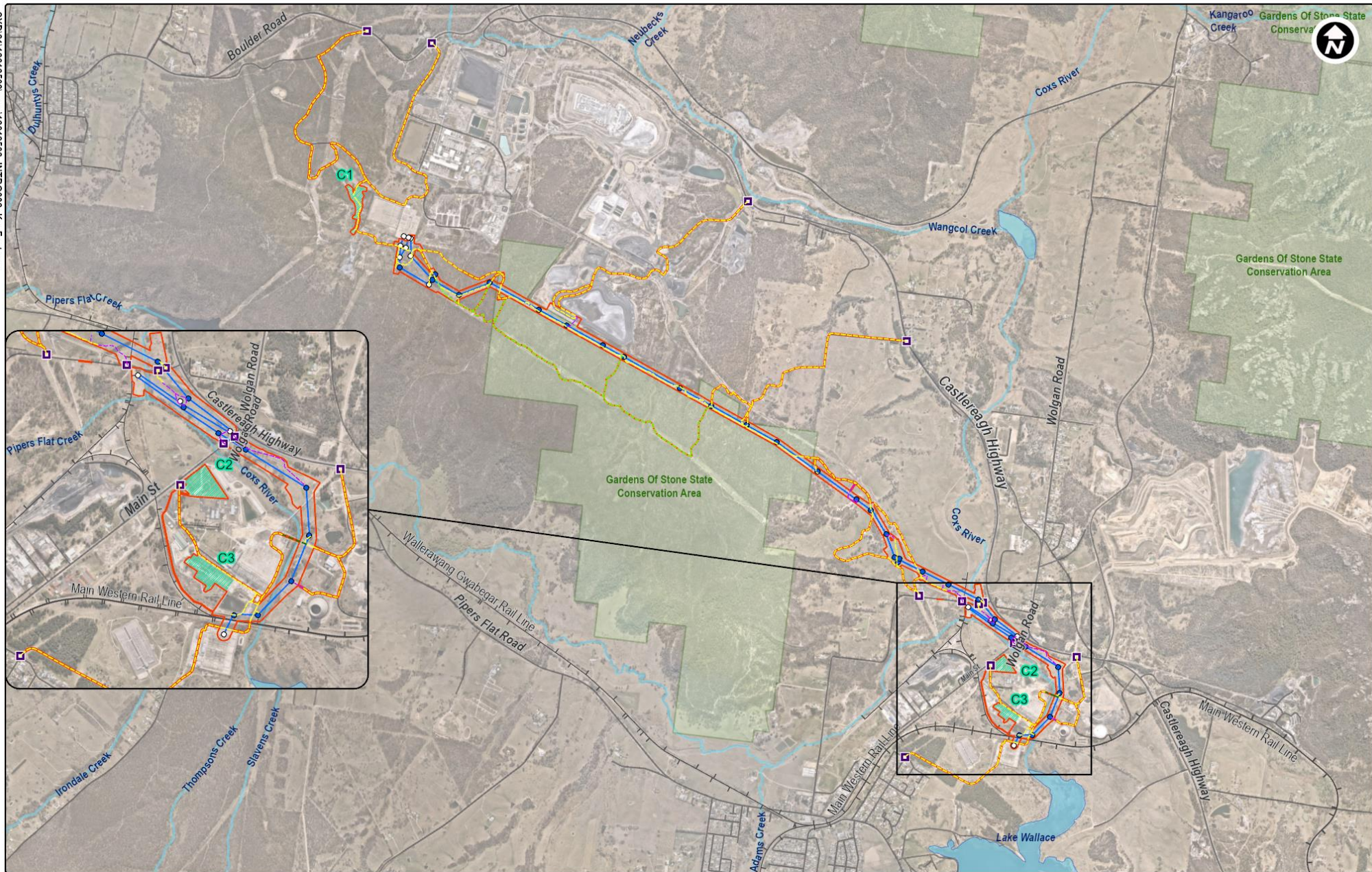
Table 1.1 outlines the key features of the project. The description of the project in Table 1.1 is based on the current concept design. Further detail is provided in Chapter 3 of the Environmental Impact Statement (EIS). The project will continue to be refined as part of detailed design.

Table 1.1 The project

Feature	Description
<b>Design</b>	
Transmission line and easement	<p>Approximately 8 km of new 330 kV transmission line between the existing Mount Piper 330 kV and Wallerawang 330 kV substations that would include (from west to east):</p> <ul style="list-style-type: none"> <li>widening of approximately 0.5 km of existing easements in the vicinity of the Mount Piper 330 kV substation by up to 40 m to accommodate the new 330 kV transmission line and adjustments to existing 132 kV and 330 kV transmission lines</li> <li>widening of the existing 132 kV easement from 45 m to 60 m for 4.8 km to accommodate double circuit transmission structures for the existing 132 kV transmission line and the new 330 kV transmission line</li> <li>installation of two 132 kV pole structures where the existing 132 kV transmission line is restrung onto the new double circuit transmission structures</li> <li>construction of 1.2 km of new 330 kV transmission line from the existing 132 kV transmission line south-east to the intersection of Main Street and the Castlereagh Highway on a 60 m easement</li> <li>construction of 1.5 km of new 330 kV transmission line on a 40 m easement running parallel to existing 330 kV transmission lines for approximately 1.1 km and then diverging and widening to 60 m for the remaining 0.4 km to the Wallerawang 330 kV substation.</li> </ul> <p>The standard easement widths for 132 kV and 330 kV transmission lines are 45 m and 60 m respectively. However, easements may vary in width where multiple transmission lines converge/ diverge or where they overlap with an existing easement.</p>
Transmission structures	<p>Transmission structures for the project include approximately 28 new steel lattice towers and four steel and/or concrete pole structures. Transmission structures would range in height from approximately 14 m up to 60 m, however these heights would be subject to detailed design. The image below presents an indicative illustration of the types of structures proposed for the project and their maximum heights.</p> <p>Figure not to scale.</p> <p>The steel transmission structures would generally be spaced between 100 m to 550 m apart and the pole structures about 30 m to 50 m apart.</p> <p>New conductors, earth wires and optical ground wire (OPGW) would be installed on the new transmission structures for the new 330 kV and existing 132 kV lines.</p> <p>Local adjustment of existing transmission structures would be required in the vicinity of the Mount Piper 330 kV substation to minimise crossover of transmission lines.</p>

Feature	Description																																																																																																																																			
	Redundant transmission structures, including the gantry immediately north of the Main Western Rail Line, would be removed and recycled, where possible.																																																																																																																																			
<b>Construction</b>																																																																																																																																				
Program	<p>Construction of the project would commence once all necessary approvals are obtained. It is anticipated that construction would commence in late 2026.</p> <p>Construction would be undertaken in stages over a period of approximately 20 months. The key activities and their indicative durations shown in the below table.</p> <table border="1" data-bbox="384 450 1501 775"> <thead> <tr> <th data-bbox="384 450 635 573">Activity</th> <th data-bbox="635 450 676 573">1</th> <th data-bbox="676 450 718 573">2</th> <th data-bbox="718 450 759 573">3</th> <th data-bbox="759 450 801 573">4</th> <th data-bbox="801 450 842 573">5</th> <th data-bbox="842 450 884 573">6</th> <th data-bbox="884 450 925 573">7</th> <th data-bbox="925 450 967 573">8</th> <th data-bbox="967 450 1008 573">9</th> <th data-bbox="1008 450 1050 573">10</th> <th data-bbox="1050 450 1091 573">11</th> <th data-bbox="1091 450 1133 573">12</th> <th data-bbox="1133 450 1174 573">13</th> <th data-bbox="1174 450 1216 573">14</th> <th data-bbox="1216 450 1257 573">15</th> <th data-bbox="1257 450 1299 573">16</th> <th data-bbox="1299 450 1340 573">17</th> <th data-bbox="1340 450 1382 573">18</th> <th data-bbox="1382 450 1423 573">19</th> <th data-bbox="1423 450 1501 573">20</th> </tr> </thead> <tbody> <tr> <td data-bbox="384 573 635 618">Site establishment</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td data-bbox="384 618 635 663">Civil works</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td data-bbox="384 663 635 707">Assembly of structures</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td data-bbox="384 707 635 752">Testing and commissioning</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td data-bbox="384 752 635 775">De-mobilisation</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>	Activity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Site establishment																						Civil works																						Assembly of structures																						Testing and commissioning																						De-mobilisation																					
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Construction methodology	<p>Construction of the project would include:</p> <ul style="list-style-type: none"> <li>– site establishment including vegetation removal, construction compound establishment, access track construction and upgrade</li> <li>– removal of existing transmission structures where required</li> <li>– civil works involving earthworks and establishment of construction benches for each transmission structure, and establishment of brake and winch sites</li> <li>– construction of footings and foundation work for the new transmission structures</li> <li>– assembly and erection of new transmission structures</li> <li>– stringing of conductors.</li> </ul>																																																																																																																																			
Construction hours	<p>The proposed construction working hours for the project are 7 am to 7 pm Monday to Sunday. Out-of-hours construction work will likely be required between 7 pm to 7 am Monday to Sunday and public holidays, to align with scheduled outages.</p> <p>Justification for the out-of-hours works includes:</p> <ul style="list-style-type: none"> <li>– proximity to live transmission lines requiring the work to be completed under a scheduled outage for network and personnel and contractor safety</li> <li>– the need to complete works within a limited time window to meet a timeframe to re-energise the transmission line to avoid disruption to customers</li> <li>– minimising disruptions to the use of the Main Western Rail Line during stringing.</li> </ul>																																																																																																																																			
Construction workforce	Expected to peak at about 150 personnel and contractor, with an average workforce of about 60 personnel and contractor.																																																																																																																																			
Construction compounds and laydown areas	<p>A total of three construction compounds would support the construction of the project. One would be located at the western end of the project near the Mount Piper 330 kV substation and two located at the eastern end of the project within the former Wallerawang Power Station site. The locations of these compounds are shown in Figure 1.2.</p> <p>Laydown of materials (e.g. poles, cable drums, other large equipment, etc.) would also occur at specified locations along the easement within the project footprint, particularly at transmission structure locations.</p>																																																																																																																																			
Access	<p>To facilitate efficient construction access, the following is required:</p> <ul style="list-style-type: none"> <li>– upgrading and widening of approximately 25 km of existing access tracks to at least 6 m, with some sections widened up to 10 m due to local topography</li> <li>– construction of approximately 2 km of new 6 m wide access tracks.</li> </ul> <p>In addition to those tracks, approximately 4 km of existing track would be used only by light vehicles. The light vehicle tracks may require minor repairs (for example, filling potholes), but would not be graded or widened.</p> <p>The project footprint would be accessed from public roads at 13 access points, with the majority of these being existing property access points.</p> <p>Existing access tracks would be used in preference to new tracks wherever possible. Access track upgrades and widening would include required drainage.</p>																																																																																																																																			

Feature	Description
	Access points and access tracks established for the construction of the project that are not required for future operation and maintenance activities would be returned to pre-project conditions, subject to agreement with landowners.
Utility adjustments and infrastructure crossings	<p>The new transmission line would need to cross the following utilities and infrastructure:</p> <ul style="list-style-type: none"> <li>– water pipeline operated by WaterNSW</li> <li>– distribution lines operated by Endeavour Energy</li> <li>– rail signal power supply</li> <li>– council drainage and other assets</li> <li>– public roads at Brays Lane and Main Street</li> <li>– rail lines at the Main Western Rail Line and the disused rail line travelling north of Brays Lane.</li> </ul> <p>It is not currently anticipated that the project would require the adjustment of any nearby utilities. Further investigations and consultation with asset owners would be undertaken during detailed design.</p>
Vegetation clearing	<p>The project would require the clearance of vegetation for a number of activities including but not limited to building new access tracks and widening existing ones, establishment of construction compounds, laydown areas, and brake and winch sites, construction of the transmission structures, and establishing and maintaining the vegetation clearance requirement for the transmission lines.</p> <p>Vegetation clearing would be undertaken either with the use of machinery or manually, where it is unsafe to operate machinery, or when access is limited. Root balls would be retained where possible. Clearing methods would be determined with consideration to vegetation type or structure, slope and terrain, and environmental and ecological constraints. Removed vegetation, which is weed free, would be mulched for beneficial reuse, where appropriate.</p> <p>Areas cleared for construction, that are not needed for operation of the project, would be rehabilitated to a stable and weed free condition.</p>
Testing and commissioning	<p>Testing and structure checks would form part of the final construction and installation work. These activities would ensure the project has been installed in accordance with the design and statutory standards and is safe to proceed to commissioning which would include, but not be limited to:</p> <ul style="list-style-type: none"> <li>– transmission line cut-in and connection to the electrical network</li> <li>– protection, control and metering checks</li> <li>– high voltage equipment operation and energisation</li> <li>– post commissioning testing and verification.</li> </ul>
Demobilisation and rehabilitation	<p>Upon completion of the construction works, all construction equipment, temporary fencing and waste would be removed.</p> <p>All disturbed areas would be rehabilitated to a stable, weed-free condition, unless designated as a permanent access track. This would include spreading topsoil, cleared and stockpiled at the beginning of construction, across the disturbed area to stabilise it to a state where natural regrowth can occur.</p>
<b>Operation</b>	
Design life	About 50 years.
Maintenance	<p>All project infrastructure would require regular maintenance to maintain serviceability and maximise its operational life. Maintenance activities would include:</p> <ul style="list-style-type: none"> <li>– transmission structure monitoring</li> <li>– annual aerial inspection</li> <li>– routine vegetation management on the easement and in the hazard tree zone</li> <li>– access tracks would be maintained in a trafficable condition.</li> </ul> <p>Should any irregularities be identified following routine inspections, a work crew would be dispatched from existing Transgrid maintenance depots to rectify any defects found.</p> <p>Periodic inspection and maintenance work would be managed by Transgrid as part of existing operations, with no additional personnel requirements.</p>



- |  |  |
|--|--|
| <b>Project components</b>                    | Construction compounds   |
| Project footprint                            | Access tracks - new  |
| New and adjusted transmission line           | Access tracks - minor upgrades as required (light vehicles only) |
| Proposed transmission structure              | Access tracks - upgrade and widen                                |
| Existing transmission structure to be reused | Access tracks - existing (no change)                             |
|  | Access point   |

- |                             |
|-----------------------------|
| <b>Existing environment</b> |
| Gardens of Stone SCA        |
| Roads                       |
| Railway                     |
| Watercourse                 |

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Figure 1.2 Key features of the project

## 1.4 Environmental assessment requirements

This contamination assessment has been prepared to address the Secretary’s Environmental Assessment Requirements (SEARs) which were issued on 22 May 2025. Table 1.2 outlines the requirements relevant to this assessment.

**Table 1.2** Relevant Secretary’s Environmental Assessment Requirements –contamination

Requirements	Where addressed in this report
<b>Land</b>	
An assessment of the risk of soil contamination and disturbance of land (including associated with naturally occurring asbestos in the vicinity of the site).	Section 6 and Section 7 assessed the risk from potential contamination sources identified as part of this project. Naturally occurring asbestos is discussed in Table 3.2.

## 1.5 Purpose and structure of this report

This contamination assessment has been prepared by GHD Pty Ltd (GHD) as part of the Environmental Impact Statement (EIS) for the project.

The purpose of this report is to assess potential contamination to exist within the project footprint from past or present activities, and where required, identify feasible and reasonable mitigation and management measures.

The report is structured as follows:

- section 1 – provides an introduction to the project and the assessment
- section 2 – describes the assessment approach and methodology for the assessment
- section 3 – describes the existing conditions
- section 4 – provides a summary of previous environmental investigations
- section 5 – provides site history review
- section 6 – provides the outcomes of the site inspection
- section 7 – provides regulatory information
- section 8 – provides preliminary conceptual site model, assesses the impacts of the construction and operation of the project
- section 9 – provides discussion, impact assessment
- section 10 – provides mitigation measures for the impacts identified
- section 11 – provides conclusion and recommendations.

## 2. Assessment approach and methodology

### 2.1 Legislative and policy context to the assessment

This section summarises the legislation, guidelines and/or policies driving the approach to the assessment.

Table 2.1 Legislation and policy

Legislation/Policy	Relevance
<i>Environmental Planning and Assessment Act 1979</i> (EP&A Act)	<p>The EP&amp;A Act is the core legislation relating to planning and development activities in NSW and provides the statutory framework under which development projects are assessed. The EP&amp;A Act aims to encourage the proper management, development and conservation of resources, environmental protection and ecologically sustainable development.</p> <p>The NSW Minister for Planning and Public Spaces declared the project to be Critical State Significant Infrastructure (CSSI) on 3 July 2024, in accordance with section 5.13 of the EP&amp;A Act and Schedule 5, Section 38 of State Environmental Planning Policy (Planning Systems) 2021. The Minister for Planning and Public Spaces is the consent authority, and the project is to be assessed in accordance with the provisions of section 5.16 of the EP&amp;A Act.</p>
<i>Contaminated Land Management Act 1997</i> (CLM Act)	<p>The CLM Act is part of the management framework for contaminated land in NSW. The CLM Act enables the NSW EPA to respond to and manage site contamination when it considers that contamination is significant enough to require regulation. Site contamination requires regulation under the CLM Act when a site is declared “significantly contaminated land” (defined as land described in a notice having effect under Section 11 of the CLM Act) or when land is subject to a management order or an approved voluntary management project. Lands within the contamination study area have not been declared “significantly contaminated land” and are not subject to a management order.</p> <p>The CLM Act outlines the circumstances in which notification to the EPA is required in relation to the contamination of land. This may become relevant during construction of the project if contamination is encountered.</p> <p>Section 105 of the CLM Act allows the EPA to make or approve guidelines for the purposes connected with the objectives of the CLM Act. Contaminated sites not regulated by the EPA can be managed through the planning process by the relevant planning consent authority.</p> <p>The EPA holds records of sites that have been notified under Section 60 of the CLM Act or otherwise reported to the EPA. This contamination assessment includes a search of the record of sites held by EPA to identify sites which may impact soil and/or groundwater quality within the construction area.</p>
<i>Protection of the Environment Operations Act 1997</i> (POEO Act)	<p>The POEO Act is administered by the NSW Environment Protection Authority (EPA), which is an independent statutory authority and the primary environmental regulator for NSW. The objectives of the POEO Act are to protect, restore and enhance the quality of the environment.</p> <p>Under the POEO Act, an Environment Protection Licence (EPL) is required for premises at which a ‘scheduled activity’ is conducted. Schedule 1 of the POEO Act lists activities that are scheduled activities for the purpose of the Act. Licence conditions relate to pollution prevention and monitoring and can control the air, noise, water and waste impacts of an activity. No EPL is sought for the project.</p>
<i>Protection of the Environment Operations (Waste) Regulation 2014</i> (POEO (Waste) Regulation)	<p>The POEO (Waste) Regulation allows the NSW EPA to protect human health and the environment and provides a platform for a modern and fair waste industry. It includes strict thresholds for EPLs and outlines the waste levy system. Clause 93 imposes the requirements for resource recovery orders and exemptions in NSW.</p> <p>The project is likely to generate excavated natural materials (ENM), virgin excavated natural materials (VENM) and potentially contaminated soils as spoil through excavation and soil disturbance activities. The methodology and management of these wastes would be in accordance with the Regulation.</p>
<i>State Environmental Planning Policy (Resilience and Hazards) 2021</i> (Resilience and Hazards SEPP)	<p>The Resilience and Hazards SEPP aims to promote the remediation of contaminated land for the purpose of reducing the risk of harm to human health or any other aspect of the environment. Chapter 4 specifies that consent may be required for remediation activities from the Consent Authority. Remediation work is distinguished under two categories: Category 1 (needing consent) and Category 2 (not needing consent).</p> <p>Measures would be put in place during construction should contamination be identified, and spoil is likely to be waste which will be classified prior to disposal. Remediation of land if required as part of the project due to contamination, would comply with Chapter 4 of the SEPP, including notifications to consent authorities.</p>

## 2.1.1 Guidance and standards

This contamination assessment has been completed with consideration of guidelines made or endorsed by the NSW EPA under Section 105 of the *Contaminated Land Management Act 1997*. These guidelines include the following key documents:

- Australian Standards. (2005). AS4482.1-2005 Guide to the investigation and sampling of sites with potentially contaminated soil Part 1: Non-volatile and semi-volatile compounds
- National Environmental Protection Council (2013). National Environment Protection (Assessment of Site Contamination) Measure (NEPM)
- NSW EPA (2020). Consultants reporting on contaminated land: Contaminated Land Guidelines
- NSW EPA (1997). CLM Act
- NSW Department of Environment and Conservation (DEC) (2007), Guidelines for the Assessment and Management of Groundwater Contamination
- NSW EPA (1997). POEO Act
- NSW EPA (2014). Waste Classification Guidelines, Part 1 – Classifying Waste
- NSW EPA (2015) Guidelines on the Duty to Report Contamination under the *Contaminated Land Management Act 1997*
- Heads of Environmental Protection Agency (HEPA) (2025), PFAS National Environmental Management Plan (NEMP) 3.0.

## 2.2 Methodology

### 2.2.1 Study area

For the purposes of the assessment, the study area is defined as the area which includes the project footprint and areas within 500 metres (m) of the project footprint. Where relevant, the study area has been widened in isolated areas where information obtained within the study area identified areas of relevant contamination outside the study area.

The study area used for this contamination assessment is shown in Figure 2.1.

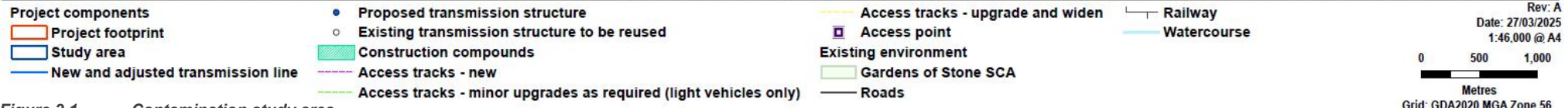
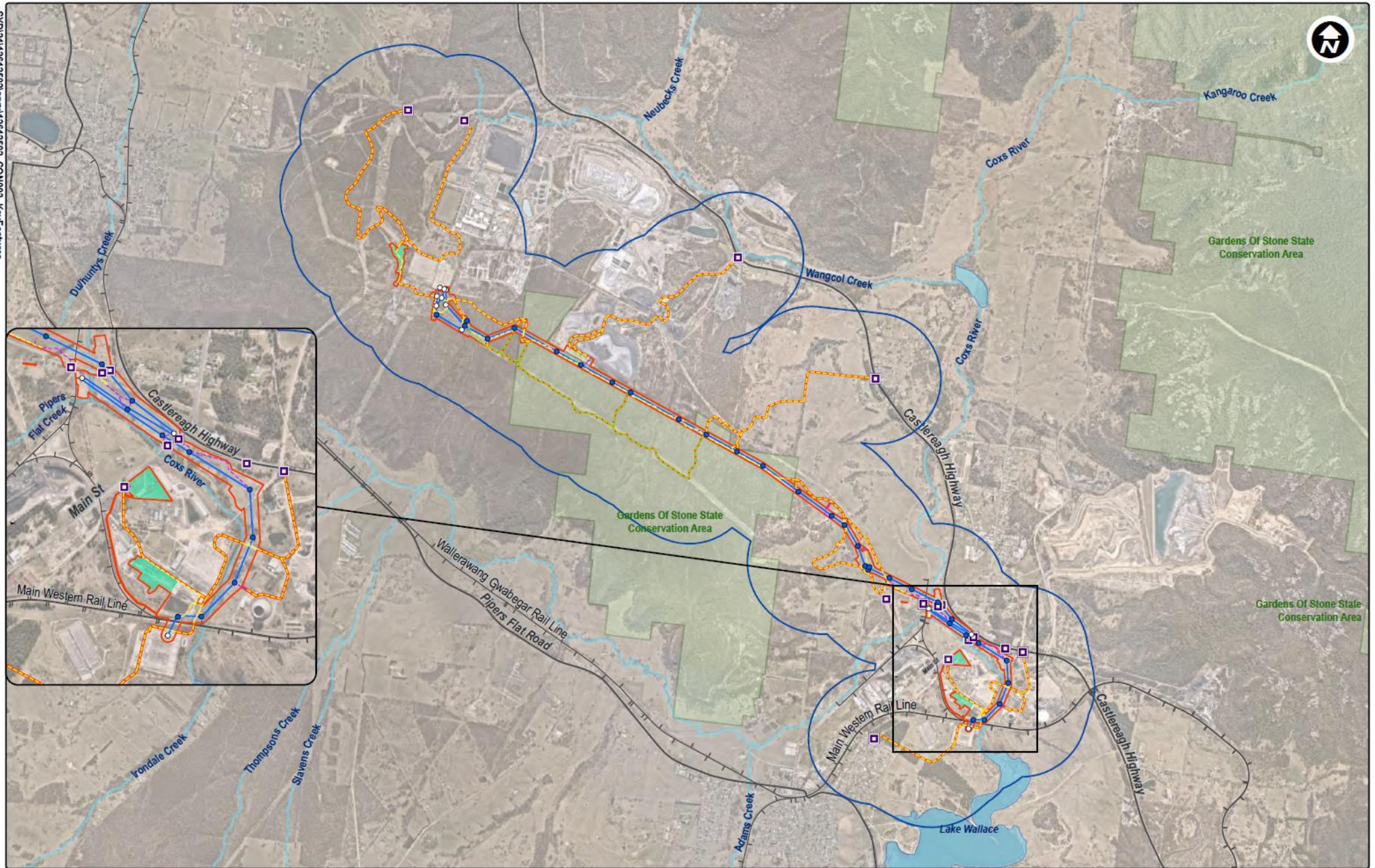


Figure 2.1 Contamination study area

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## 2.2.2 Approach

The contamination assessment applied the framework for assessment of site contamination outlined in the National Environment Protection (Assessment of Site Contamination) Measure 1999 as amended in April 2013 (the NEPM 2013 (NEPC 2013)).

The NEPM 2013 presents a staged process:

- Preliminary Site Investigation (PSI): The main objective of this is to identify past and current activities that may have caused or are causing contamination. A PSI uses a variety of information sources to gain an understanding of site history, current and former land use and expected ground conditions and develop a preliminary Conceptual Site Model (CSM). A preliminary CSM identifies contamination sources, receptors and exposure pathways between those sources and receptors (refer to section 8). The outcomes of a PSI provide a basis for further investigation, if required.
- Detailed Site Investigation (DSI): A DSI is undertaken when the outcomes of a PSI indicate that there is a likelihood of contamination at a subject site. A DSI can include investigations into various environmental media such as soil, groundwater and surface water. The preliminary CSM is used to identify migration pathways that can be targeted during a DSI to assess the potential risk to the identified receptors. The outcomes of a DSI may indicate that further assessment and/or management is required to mitigate the potential impact of contamination in the environment.

Depending on the proposed land use and the results of initial site history investigations, the assessment of a subject site may involve both a PSI and a DSI. Site investigations may proceed in multiple stages due to the complexity of the site and the discovery of unexpected contamination.

This assessment consists of a PSI and adopts a precautionary approach. The assessment methodology of this contamination assessment focuses on identifying potential sources/mechanisms of contamination. Based on a desktop evaluation of publicly available information, the assessment aims to determine whether there could be complete sources, pathways and receptors (SPR) linkages and identify where management of excavation works is required to minimise risk to human health and the environment from contamination. A DSI is not currently proposed for this project.

Potential contamination impacts could occur in both the construction and operational phases of the project. The risk of encountering contamination or starting mechanisms of contamination would be higher during the construction phase and is therefore the primary focus of this PSI. However, activities during the operational phase of the project footprint may occasionally include intrusive activities.

The following tasks were carried out as part of this contamination assessment:

- a review of relevant legislation, policy and guidelines to address the Planning Secretary's Environmental Assessment Requirements (SEARs)
- a desktop review of available information including the following:
  - previous environmental and geotechnical reports (where available)
  - published information including geology, topography, hydrogeological, acid sulfate soils (ASS) and soil landscape maps for assessment of baseline environmental conditions and potential contaminant migration pathways (including acid sulfate soils, soil and/or groundwater contamination)
  - selected historical land title records relating to land parcels that provide sufficient coverage of areas where the majority of construction impacts are expected
  - selected council planning records (Section 10.7 (Parts 2 & 5) Certificates)
  - selected historical aerial photographs (up to ten aerial photographs)
  - NSW EPA public records for the study area and surrounding area
  - identification of nearby registered groundwater bores
  - collation of this information
- a site inspection on 1 May 2024 to visually assess potential sources of contamination, observe surrounding land uses, topography, drainage, nearby sensitive environments, the project footprint was visually expected with the exception of the former Wallerawang Power Station site to access was restricted at the time of the site inspection

- identification of AECs based on desktop and information from site inspection
- completion of a preliminary CSM which qualitatively assesses the potential risk from identified AECs (both soil and groundwater are considered)
- preparation of this report documenting the findings of the investigation, an impact assessment, consideration of cumulative impacts and proposed mitigation measures with reference to NSW EPA's (2020) *Consultants reporting on Contaminated Land Guidelines*.

## 3. Existing environment

### 3.1 Project footprint identification

Relevant project footprint information is summarised in Table 3.1. A list of affected Lot and DPs is provided in Appendix A.

Table 3.1 Project footprint identification

<b>Traditional landowners</b>	Wiradjuri Nation
<b>Council</b>	Lithgow City Council
<b>Land zoning</b>	Current site is situated over numerous land use zones under the <i>Lithgow Local Environmental Plan 2014</i> , as follows: <ul style="list-style-type: none"> <li>– SP2 Electricity generating works</li> <li>– R5 Large lot residential</li> <li>– RU1 Primary production</li> <li>– RU3 Forestry.</li> </ul>
<b>Current and past land use</b>	The current land uses on the project footprint include electricity generation at Mount Piper and Wallerawang including power stations, electricity transmission including transmission lines and substations, mining operations at Mount Piper, Garden of Stone SCA, agricultural land (mainly paddocks) and Wallerawang urban area.
<b>Surrounding land use</b>	A variety of land uses are adjacent and within the project footprint and includes: <ul style="list-style-type: none"> <li>– existing electricity generating facilities such as the Mount Piper Power Station and electricity transmission facilities such as the Mount Piper 330 kV substation and Wallerawang 300 kV substation, and associated transmission lines and access tracks</li> <li>– site of the former Wallerawang Power Station, which is subject to a potential redevelopment proposal</li> <li>– Gardens of Stone SCA</li> <li>– agricultural grazing lands</li> <li>– coal mining operations and facilities operated by Centennial Coal, including overland conveyor belts for the transport of coal, rejects emplacement area, access roads and historic underground mining</li> <li>– state and local road reserves</li> <li>– rail corridors.</li> </ul>

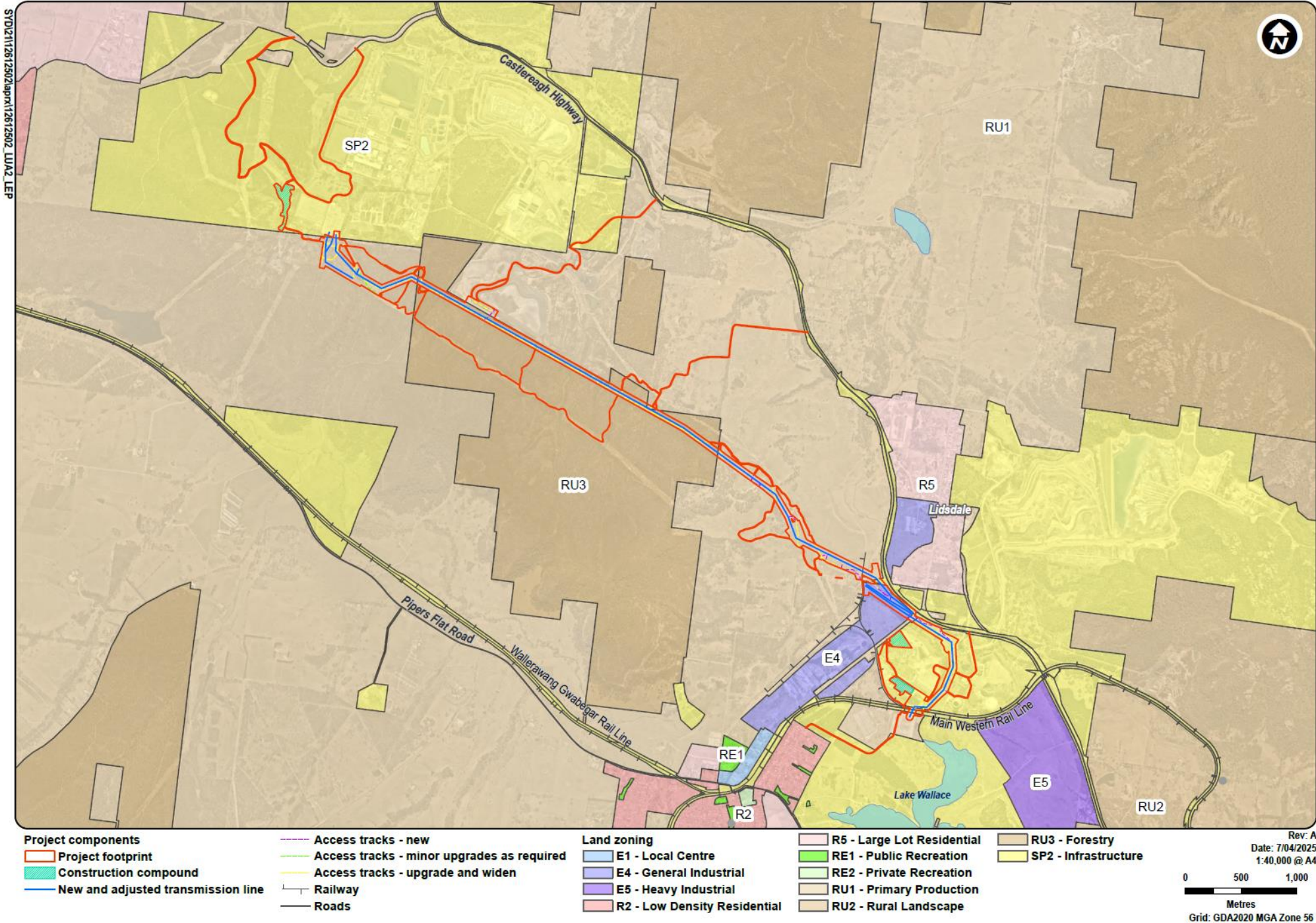


Figure 3.1 Land zoning

## 3.2 Environmental setting

Table 3.2 provides information related to the environmental setting of the project footprint which was obtained from the Lotsearch Report (Appendix B) on 8 October 2024 and other online resources (i.e. eSPADE web portal, Sharing and Enabling Environmental Data web portal). Searches were undertaken for the entire contamination study area.

Table 3.2 Environmental Project Footprint Setting

Attribute	Details
Topography	<p><b>Mount Piper 330 kV substation</b></p> <p>The eastern portion of the Mount Piper 330 kV substation site slopes to the north from approximately 962 m Australian Height Datum (AHD) to 952 m AHD, while the western portion slopes to the west from an elevation of 959 m AHD to 954 m AHD.</p> <p><b>Transmission lines and access tracks</b></p> <p>Along the proposed transmission line, the topography is characterised by a ridgeline, extending 5.4 km from the vicinity of Mount Piper Power Station to the south-east towards the flats of the Coxs River. The slope of the ridgeline is predominantly to the north, towards Wangcol Creek. The topography of the ridgeline undulates from 1014 m AHD to 921 m AHD.</p> <p><b>Wallerawang 330 kV substation</b></p> <p>The elevation at the final structure footing at the Wallerawang 330 kV substation is approximately 875 m AHD. The elevation at the Wallerawang 330 kV substation slopes to the north from 882 m AHD to 874 m AHD. The western boundary of this substation is located approximately 50 m from the banks of Coxs River. Immediately downstream of the of the Wallerawang 330 kV substation, Lake Wallace regulates the Coxs River.</p>
Soil landscapes	<p>There are a variety of soil landscapes present within the project footprint based on a review of eSPADE<sup>1</sup> soil landscape database (web service) (accessed November 2024), summarised below and presented on Figure 3.2:</p> <ul style="list-style-type: none"> <li>– 8931xx ‘Disturbed Terrain’: present in the western end where Mount Piper Power Station is located and in the eastern end of the project footprint at the former Wallerawang Power Station site. These areas have been extensively cleared due to disturbance with varied topography associated with the two power stations and adjacent coal mines, stockpiles sandmining and gravel pits.</li> <li>– 8931hw ‘Hassans Walls’: occupies some of the central areas of the Gardens of Stone SCA and some of the agricultural land to the immediate south-east of this. Described as cliffs derived from sandstones with steep colluvial side slopes with shallow soils (&lt;0.3 m). Land use is identified as mostly undeveloped with uncleared open woodland and some open forest on sheltered slopes.</li> <li>– 8931cb ‘Cullen Bullen’: occupies large parts of the western, central and some areas at the eastern end of the project footprint. Described as rolling hills with extensively cleared open woodland and open forest. Used mainly for grazing of sheep and cattle with smaller areas developed for coalmining and power stations, shale quarries and residential urban use (for example Wallerawang urban area).</li> <li>– 8931wo ‘Wollangambe’: occupies a small pocket of land to the south of the Mount Piper Power Station. This soil landscape is described as having rounded convex crests and moderately to steeply included sideslopes and shallow soils (&lt;0.3 m). It is mostly undeveloped with open woodland and low open forest in more sheltered valleys.</li> <li>– 8931li ‘Lithgow’: situated at the eastern end of the project footprint close to the former Wallerawang Power Station site. This soil landscape is described as flat to undulating rises and broad valley floors. Soils can be moderately deep (&lt;1.2 m) with extensively cleared open woodland and forest. It is described as being mainly urban/residential in the Lithgow and Wallerawang areas.</li> <li>– 8931pf ‘Pipers Flat’’: This soil landscape runs along the southern boundary of the Garden of Stone SCA and to the north through Wallerawang where it covers a small section of the proposed transmission line. Similar to other soil landscapes this is characterised by level to gently undulating drainage depressions and floodplains on recent alluvium and it runs along the major drainage lines near Wallerawang, i.e. Pipers Flat Creek. Used mainly for grazing of sheep, cattle and horses.</li> </ul>

<sup>1</sup> eSPADE v2.2

Attribute	Details
Hydrology	<p>The project traverses the upper Coxs River catchment. The Coxs River is a perennial river that drains a catchment area of approximately 1,700 km<sup>2</sup> and is part of the greater Hawkesbury/Nepean catchment. The river rises within the former Ben Bullen State Forest east of Cullen Bullen and flows generally in a south-east direction into Lake Burragorang (impounded by Warragamba Dam), which is the primary reservoir for drinking water supply to Sydney. The flow in the Coxs River is regulated by three reservoirs, Lake Wallace, Thompsons Reservoir and Lake Lyell. Lake Wallace is used to support power generation activities at the Mount Piper Power Station.</p> <p>The Coxs River flows from north of Lidsdale, southwards through the project footprint and into Lake Wallace, which is located in the south of the project footprint. Pipers Flat Creek originates west of the project footprint, flowing into the Coxs River south of Brays Lane.</p> <p>The upper Coxs River and its tributaries receive various rainfall derived runoff and licenced discharges from various mining and energy operations located within the catchment. The Coxs River and its tributaries relative to the project are shown in Figure 1.1. Key tributaries of the Coxs River and relevant operations located upstream of the project footprint include:</p> <ul style="list-style-type: none"> <li>– Kangaroo Creek, located adjacent Angus Place Colliery</li> <li>– Pipers Flat Creek, located adjacent Lidsdale Siding</li> <li>– Wangcol Creek, located adjacent Mount Piper Power Station and Western Coal Services</li> <li>– Nubecks Creek, this rises in the Gardens of Stone SCA.</li> </ul>
Geology	<p>Surface geology has been obtained from the NSW Seamless Geology Version 2.3 dataset (<i>NSW Government 2024</i>) and presented on Figure 3.3.</p> <p>The surface geology in the vicinity of Wallerawang, consists primarily of mid to dark grey siltstone mixed with very fine grained sandstone which is known as Berry siltstone. Berry siltstone is estimated to be Permian aged (273 million to 265 million years old) (Yoo 1992) (<i>NSW Government 2024</i>).</p> <p>An alluvial deposit lies close to the riparian zone of Coxs River, Piper Flat Creek and Lake Wallace. It lies on top of the Berry siltstone which has been deposited from the distribution of sediments from the movement of surface water. The alluvial deposits follow the flow path of the waterbodies. The alluvial deposits primarily consist of unconsolidated grey to brown humic silty clay with hints of quartz-rich sand and pebble/cobble gravel. Alluvial deposits are estimated to be quaternary aged (2.58 million years old) (Yoo 1992) (<i>NSW Government 2024</i>).</p> <p>The mid-level and deep level geology under the Berry siltstone and alluvial deposits consist of the Snapper Point Formation which is primarily composed of Wandrawandian Siltstone mixed with smooth rounded pebble and gravel cobble that was formed in a shallow marine seafloor environment. The layer is estimated to be Early Permian aged (279 million to 272 million years old) with an average thickness of 120 m.</p> <p>A review of geological resources provided on Minview<sup>2</sup> (accessed November 2024) indicates that the following geological units underlie the study area:</p> <ul style="list-style-type: none"> <li>– QA – Quaternary: alluvium, gravel, sand, silt and clay. These deposits are located in the Wallerawang area and likely to be associated with the drainage lines and watercourses that flow through here and at Lake Wallace.</li> <li>– Rn – Triassic era, Narrabeen Group: undifferentiated sandstone, shale and tuff. This type of bedrock underlies the bulk of the study area in particular at Mount Piper Power Station, Garden of Stone SCA and pockets to the southeast towards Wallerawang.</li> <li>– Dul – Upper Devonian era, Lambie Group: quartzite, sandstone, siltstone and claystone that underlies the areas surrounding Wallerawang and the Quaternary deposits.</li> </ul> <p>It is noted that multiple collieries were identified in the vicinity of the project footprint on the Sydney 1:250,000 geological map reviewed on Minview.</p>
Naturally occurring asbestos (NOA)	<p>A review of the 'Naturally occurring asbestos' dataset map layer provided on the NSW Government provided online portal, SEED<sup>3</sup>, undertaken in January 2025 identified that NOA is not present in the study area nor within the project footprint. As such, it has not been considered further in this report.</p>
Salinity	<p>Soil salinity may be an issue for the project as salt becomes a management issue when it threatens assets such as water resources, biodiversity, agriculture and infrastructure. The mobilisation of salts in the soil can be caused by surface water and/or groundwater (recharge, movement and/or discharge).</p> <p>A review of the Hydrogeological Landscapes of NSW and the ACT (DPIE, 2022) via the eSPADE<sup>4</sup> online portal indicates that the study area is mapped as the 'Angus Place Hydrogeological Landscape' and has an overall salinity hazard as 'low likelihood of occurrence' with land salinity occurrences limited to <i>rare, small seasonal saline scalds may be adjacent to wetlands</i>.</p> <p>The risk from saline soils in the project footprint is considered low.</p>

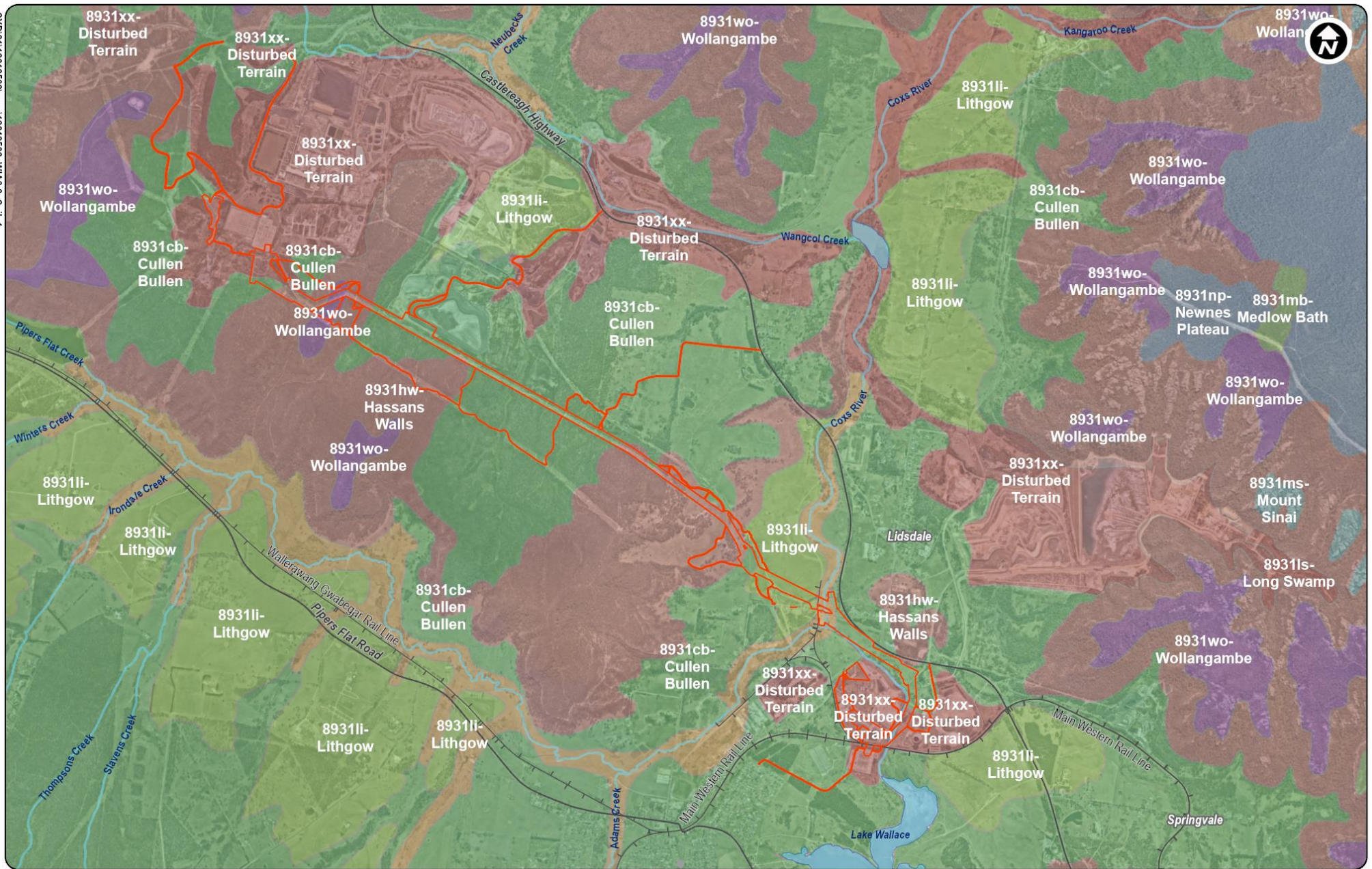
<sup>2</sup> [MinView | Regional NSW | Mining, Exploration and Geoscience](#)

<sup>3</sup> [Homepage | SEED Portal](#)

<sup>4</sup> [eSPADE v2.2](#)

Attribute	Details
Hydrogeology	<p>The project footprint is likely to be underlain by <i>'fractures or fissured, extensive aquifers of low to moderate productivity'</i> as detailed on the Hydrogeology Map of Australia (Commonwealth of Australia). No groundwater wells have been identified within the project footprint. There are groundwater wells within 500 m that are summarised as follows:</p> <ul style="list-style-type: none"> <li>– Three groundwater wells are shown to exist approximately 10 m from the project footprint and approximately 300 to the southeast from the Lambert South Ash Repository (LSAR) (GW115625, GW115565, GW115566). These wells are reported to be monitoring bores that were drilled in 2013 at Springvale Coal Services, Blackmans Flat for the mines. The drill depth of the bores is 33 m below ground level (bgl) and the underlying geology was reported to be sandy clay, sandstone and siltstone. Standing water level (SWL) was reported 20.2 m with a yield of 0.5 litres per second. Depth to bedrock is in the region of 3 m bgl based on the drillers logs for these wells.</li> <li>– Five groundwater wells are shown to exist approximately 200 m to 300 m to the south-west of the proposed transmission line on the northwestern side of Wallerawang (GW115010, GW115260, GW115011, GW115261, GW110520). The wells are reported to be monitoring wells that were drilled in 2015 on State Rail Authority property at the Lidsdale siding (northern edge of Wallerawang). The wells were drilled to depths ranging from 5 m bgl to 12 m bgl. The underlying geology was reported to be fill consisting of clay and gravel, sandy clay into siltstone bedrock to target depth. SWL was reported to range from 1.64 m to 3.85 m with yields of 0.5 to 0.75 litres per second.</li> </ul> <p>Further information and detail on additional groundwater boreholes within 2 km of the proposed transmission line is provided in Appendix A.</p>
Groundwater Dependent Ecosystems (GDE)	<p>A search of both aquatic and terrestrial groundwater dependent ecosystems (GDEs) within a 5 km radius was completed using the Bureau of Meteorology (BOM) GDE Atlas.</p> <p>The GDE atlas indicates there are areas of low, medium and high potential terrestrial GDEs from regional studies within 5 km of the project. The closest high potential terrestrial GDE is mapped within the project footprint. The GDE atlas indicated there are watercourses that are mapped as moderate and high potential aquatic GDEs within 5 km of the site, including the Coxs River, located within the project footprint and a number of watercourses located south and south-west of the project footprint. There is low potential of GDEs being present within existing cleared easements.</p>
Acid Sulfate soils (ASS)	<p>ASS and potential acid sulfate soils (PASS) are naturally occurring soils that contain iron sulfides. On exposure to air, iron sulfides oxidise and create sulfuric acid resulting in the mobilisation of aluminium, iron and manganese from the soils. ASS's typically occur in coastal environments at elevations less than 10 m AHD (DLWC,1998). Inland ASS can be formed in extended periods of drought in inland riverine systems but require very specific climatic factors and sources of sulfate, with their presence limited to the lower levels of the river channel and bottom sediment.</p> <p>The project footprint is within an area that is considered low probability of occurrence for Acid Sulfate Soils (Atlas of Australian Acid Sulfate Soils Data Source: CSIRO).</p>

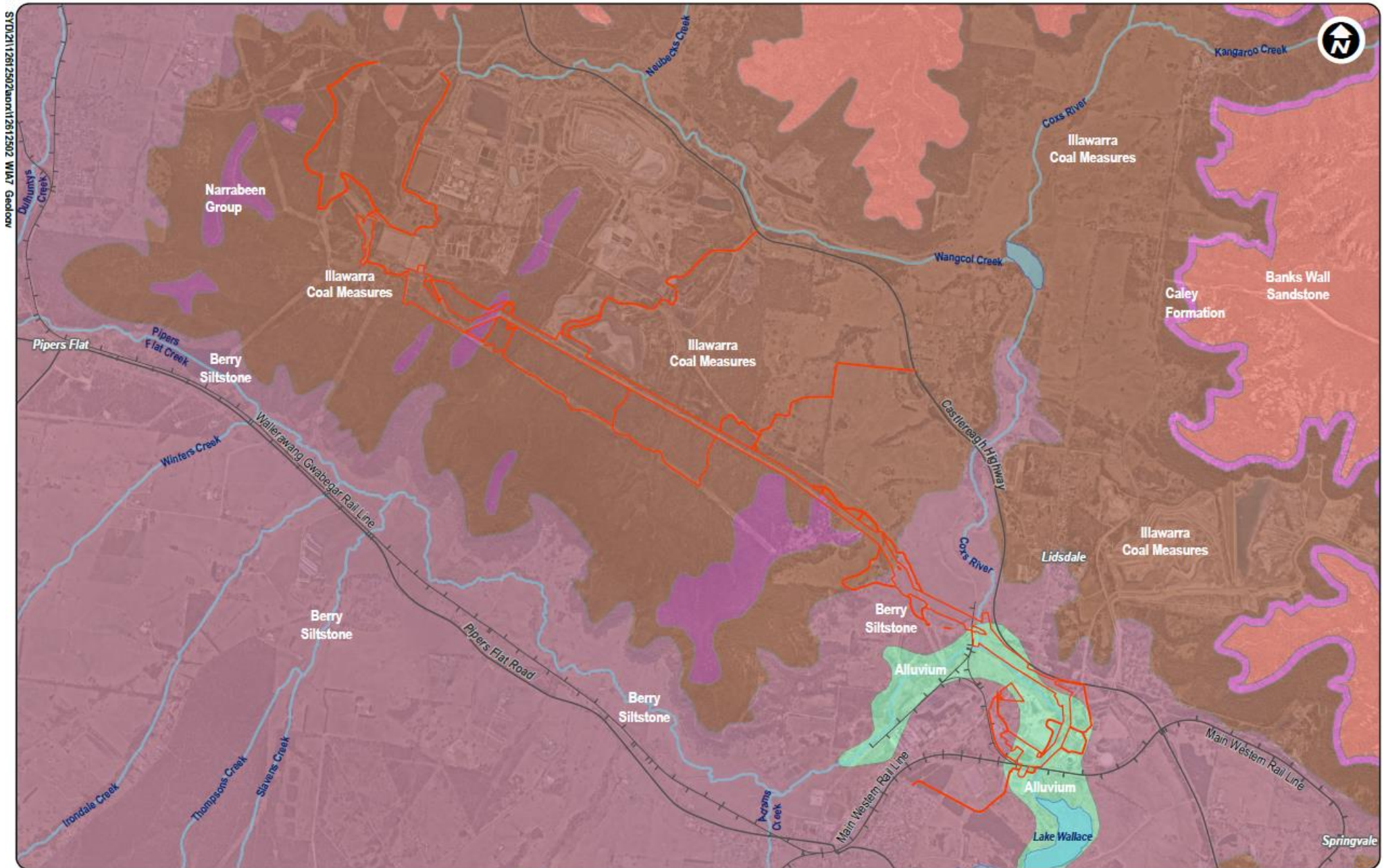
SY/D/21/12612502.aprx/12612502\_WIA3\_3\_Soil5-1



<b>Project components</b>	<b>Existing environment</b>	<b>Soil landscapes of central and eastern NSW</b>	8931mb	8931wo
Project footprint	Roads	8931cb	8931ms	8931xx
	Railway	8931hw	8931np	
	Watercourse	8931li	8931pf	
		8931ls	8931wb	

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 0 500 1,000  
 Metres  
 Grid: GDA2020 MGA Zone 56

Figure 3.2 Soil landscapes



SYD12112612502aonr12612502 W1A7 Geology



Project components	Basemap	Geological units	
Project footprint	Roads	Alluvium	Caley Formation
Railway	Watercourse	Banks Wall Sandstone	Illawarra Coal Measures
		Berry Siltstone	Narrabeen Group

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0 500 1,000  
Metres  
Grid: GDA2020 MGA Zone 56

Figure 3.3 Surface geology

## 4. Previous investigation and environmental assessment reports

This section presents a summary of environmental, contamination and geotechnical related reports that have been previously undertaken either directly within the project footprint or within 500 m of the project footprint.

### 4.1 Environmental Monitoring Report – Water Management and Monitoring 2023/24

Groundwater monitoring data at Mount Piper Power Station has been obtained from *Environmental Monitoring Report – Water Management and Monitoring 2023/24* (ERM, 2024) which had been prepared for the Mount Piper Brine Conditioned Fly Ash Co-Placement Project. The Mount Piper ash placement area is located approximately 710 m to the north of the proposed transmission line and occupies a former open cut mine void to the east of the Mount Piper Power Station.

Brine is produced as a by-product of the cooling system for the cooling towers at the power station and it is managed as part of a water treatment system in operation at Mount Piper Power Station. The brine is used to condition the ash prior to placement in the ash repository. The water management system is reported to include storage ponds and a treatment plant (reverse osmosis and filtration system).

ERM (2024) identified that monitoring bores MPGM4/D4 (installed in fill material) and MPGM5/D5 (installed in mudstone/sandstone and coal) are located upgradient of ash emplacement activities at Mount Piper Power Station. These bores were considered by ERM as background bores and have therefore been reviewed as part of this assessment. It is noted that there were a variety of other groundwater wells reported to be present throughout this area. Key information obtained from this review is as follows:

- The inferred groundwater flow direction as reported by ERM is to the east (related to bores in the north and east) and to the southeast as inferred from bores located to the southeast of the ash repository.
- The recorded groundwater elevations at MPGM/D4 were generally stable, ranging between 918 – 919 m AHD.
- Groundwater elevations at MPGM4/D5 ranged between 916 – 919 m AHD and observed a spike in elevation (from 916.5 to 919 m AHD) due to suspected high rainfall events early in 2024.
- ERM report that concentrations of major and minor ions were below the relevant environmental goals and some heavy metals (arsenic, copper, iron, lead and manganese) were above the environmental goals for these bores.
- Data relevant to groundwater quality have been recorded between 12/07/2023 and 17/04/2024 summarised as:
  - The pH of both monitoring bores ranged between 3.42 and 5.9, with MPGM4/D4 having an overall lower pH ranging between 3.42 and 3.48.
  - The Electric Conductivity (EC) of both bores ranged between 640  $\mu\text{S}/\text{cm}$  to 1,260  $\mu\text{S}/\text{cm}$ .
  - MPGM4/D4 had higher concentrations of arsenic, iron and lead compared to MPGM4/D5. Whereas MPGM4/D5 has an order of a magnitude higher of manganese than MPGM4/D4.
  - These bores are located 2 km to the north of the commencement point at the Mount Piper Power Station.

The groundwater wells and elevations discussed in the ERM report (2024) are located to the north of LSAR and the project footprint and as such may not be representative of groundwater conditions at the project footprint. It is considered likely that the hydrogeological regime has been influenced by the mine workings.

## 4.2 Centennial Coal Western Coal Services 2023 Annual Review

Groundwater monitoring data was obtained from the *Centennial Coal Western Coal Services 2023 Annual Review* (Springvale Coal, 2024a). A review of the groundwater monitoring network (Springvale Coal, 2024b) indicated that monitoring bore BH07 is located adjacent to the project footprint where it traverses the Gardens of Stone SCA.

Monitoring bore BH07 is located upgradient of the Springvale Coal Services Facility (Springvale Coal, 2024b) and it provides an indication of groundwater levels and groundwater quality at the project footprint.

Groundwater levels at BH07 were recorded during each quarter in 2023. Based on a review of groundwater levels presented in the annual review (Springvale Coal, 2024a), groundwater levels were reported to range from 909.96 m AHD (Q1) to 911.78 m AHD (Q2 and Q4). The elevation of the ground surface adjacent to the bore is reported to be 924.24 m AHD which indicates that groundwater is situated approximately 14 m bgl.

Data relevant to groundwater quality have been recorded as part of the 2023 annual report and summarised as follows noting that assessment criteria has not been provided:

- EC ranged from 1,430 to 2,441 uS/cm.
- pH ranged from 5.6 to 7.0 pH units.
- There were concentrations of nitrate, nitrite and total phosphorus measured in the bore.
- Heavy metals (dissolved) were detected in BH07 with iron, manganese, nickel and zinc measured.
- Heavy metals (total) were detected in BH07 with aluminium, boron, cadmium, iron, manganese, selenium and zinc measured.

## 4.3 Lidsdale Siding Water Management Plan

Centennial Coal's Lidsdale Siding is located west of the former Wallerawang Power Station and approximately 300 m south of the proposed transmission line in the vicinity of Brays Lane. Centennial Coal maintains a groundwater monitoring network at Lidsdale Siding (GHD, 2022).

Lidsdale Siding monitoring bores MW4, MW7 and MW8 are closest to the project. Of these bores, MW4 is located outside the operations area of Lidsdale Siding and therefore groundwater monitoring data at MW4 has been reviewed to characterise groundwater levels in the vicinity of Coxs River. Monitoring bore details for MW4 are provided below:

- Surface elevation of 876.416 m AHD and screened in the alluvium aquifer.
- Monitoring data from the 2023 Annual Review (Ivanhoe Coal, 2024) indicates that SWL of 873.5 m AHD was measured (i.e. 2.916 m bgl).
- Groundwater quality data was also reviewed which reported the following noting that assessment criteria has not been provided:
  - EC ranged from 510 to 594  $\mu$ S/cm.
  - pH ranged from 4 to 4.4 pH units.
  - There were concentrations of nitrate and nitrite measured in the bore.
  - Heavy metals (dissolved) were detected in MW4 with cadmium, copper, iron, manganese and nickel measured.
  - Concentrations of benzene, toluene, ethylbenzene and xylene (BTEX), total recoverable hydrocarbons (TRHs) and oil and grease were measured below the laboratory limit of reporting (LOR).

## 4.4 Geotechnical Investigation proposed 330 kV substation upgrade off Heel Street & James Parade Wallerawang

Douglas Partners (2009) (DoP) undertook a geotechnical investigation at the Wallerawang 330 kV substation which is adjacent to the project footprint. The investigation was undertaken to assist with the proposed substation upgrade and expansion of the existing 330 kV switchyard. The geotechnical investigations included the drilling of geotechnical boreholes the installation of four groundwater monitoring bores.

The geotechnical investigation (Douglas Partners, 2009) identified that the Wallerawang 330 kV substation is reported to be underlain by fill to depths ranging from 0.05 m to 0.15 m bgl typically consisting of medium to coarse grained basaltic gravel and silty / gravelly clays. The fill is reported to be underlain by natural soils that are highly variable in composition ranging from clays to silty sands to clayey gravels extending to a depth of 0.4 m to 6 m across the site. Bedrock underlies the natural soils. The weathered bedrock was reported by DP to consist of conglomeratic sandstone.

Details of the groundwater monitoring bores are provided in Table 4.1 and indicates that groundwater levels at the Wallerawang 300 kV substation vary from 0.5 m bgl to 4.8 m bgl.

These groundwater wells are located across the Wallerawang 300 kV substation site, with BH1 and BH28 on the eastern side, BH7 on the northern side close to the Main Western Railway Line and BH22 is located on the southern side, close to the project footprint.

**Table 4.1** Wallerawang 330 kV substation – monitoring bore details and groundwater levels (DP, 2009)

Bore	Bore depth (m)	Easting	Northing	Stratum	Groundwater level – 16 October 2009 (m bgl)	Groundwater level – 16 October 2009 (m AHD)
BH1	6.6	228610	6299802	Clayey sandy silt, weathered siltstone and sandstone	4.97	874.5
BH7	5.8	228558	6299939	Sandstone, conglomeratic sandstone	0.5	874.2
BH22	5.5	228424	6299756	Conglomeratic sandstone	3.8	876.6
BH28	7.8	228604	6299882	Conglomeratic sandstone	3.5	873.0

DoP also collected four soil samples which were subject to chemical analysis and comparison against assessment criteria to assist with waste classification of soils for offsite disposal. The soil samples were collected from BH7 (0.4-0.5 m), BH8 (0.1-0.2 m), BH15 (0.4-0.5 m) and BH18 (0.1-0.2 m) and DoP report that these were generally targeting areas where excavation is likely e.g., oil containment tanks.

The soil samples were scheduled for analysis of asbestos, TRHs, BTEX, polycyclic aromatic hydrocarbons (PAHs), pesticides<sup>5</sup>, polychlorinated biphenyls (PCBs), phenols and heavy metals<sup>6</sup>.

The results of the soil analysis reported that concentrations of the majority of organic contaminants were below the LOR. Benzo(a)pyrene was measured at a concentration of 0.06 mg/kg and total PAHs were measured as 0.8 mg/kg at BH15. There were detections of heavy metals in the soils sampled with the exception of cadmium and mercury which were reported to be below the LOR. Asbestos was reported to be not present in the samples tested.

The results of the analysis were reported by DoP to classify the soils as 'General Solid Waste' as per the Waste Classification Guidelines (NSW EPA, 2014). DoP reported that at the northern end of the switchyard, two new oil containment tanks (15 m by 5 m) were to be constructed which would involve excavations to approximately 3.5 – 4.5 m bgl with associated underground pipework to be installed. In addition, a new tertiary oil containment dam below the northeastern corner of the switchyard (50 m x 25 m) was proposed to be constructed.

<sup>5</sup> Organochlorine and organophosphorus pesticides

<sup>6</sup> Arsenic, cadmium, chromium, lead, mercury, nickel

## 4.5 Preliminary Environmental Site Assessment Mt. Piper Power Station

In February 2013, ERM was engaged by NSW Treasury to undertake a preliminary environmental site assessment (PESA) at Mount Piper Power Station as part of the potential divestment of specific electricity generation assets. This report is publicly available online via the NSW Treasury website.

ERM completed the PESA in July 2013, *Preliminary Environmental Site Assessment Mt. Piper Power Station (Draft)* which focused on a desktop stage 1 contamination investigation followed by a proposed scope of works for a stage 2 site investigation. ERM report the following key information in the PESA:

- Mount Piper Power Station commenced construction in 1984, with operations beginning circa 1993 and covered a total area of 820 hectares (ha). The main activities were described as electricity generation and associated coal stockpile.
- Substantial earthworks were required to level the land and backfill the former open cut mines on the Mount Piper Power Station site. ERM report that the former open cut mines beneath current operational footprint were backfilled with overburden at the end of the mining operations.
- An ash emplacement area was formed within a former mine void adjacent to the operational area. The ash repository was located on the former Western Main open cut mine void adjacent to the power station on northeastern side where brine is also disposed.
- The switchyard on the southern side of the operational area was owned and operated by Transgrid.
- ERM note extensive buffer land on the western side of the operational area which has been subject to both open cut and underground mining. This land also in former landfills used by the power station and the former coal mines.
- Historic mining activities has had a significant impact on the hydrogeological regime underlying the power station with impacts on aquifer properties and flows. ERM report that the groundwater flow direction has a northeast to southeast component.
- Three landfills were present at the site – a construction landfill, an uncontrolled domestic waste landfill and a chitter dam landfill (chitter being coarse mining rejects). The location of these is present on Figure 4.1.
- There is fuel supply on the site consisting of coal via trucks and a conveyor from Springvale Coal. Refined recycled oil and diesel were used on the site. Significant quantities of insulating oil is used for the transformers which was reported to contain less than 2 mg/kg of PCBs and a contained oily water system was in operation.
- ERM report that groundwater had been impacted in the vicinity of the wash bay with light non aqueous phase liquid (LNAPL) identified (aged, estimated to be 25 years). An underground storage tank (UST) was also present but ERM report that there was no documentation available regarding it.
- Fuel is stored in various locations at Mount Piper Power Station in a 1.2 megalitre (ML) diesel above ground tank, 34,200 L petrol tank, 11,800 L and 20,900 L diesel USTs and an additional 10,000 L diesel with a 5,000L diesel day tank.
- Water management on this site drains stormwater to a final holding pond, sewage is collected and treated in a treatment plant and treated effluent is used as part of the cooling system.
- ERM identified areas of environmental concern (AEC) which included the following:
  - Operational area of the power station due to former mining activities. In specific, the material used as backfill was not recorded and it may have also included wastes streams.
  - The former chitter dam to the south-west of the operational area may create acidity issues due to the nature of the chitter as well as dissolved salts and heavy metals.
  - The two former landfills which were associated with the early construction phases as undocumented waste streams with potential for a wide range of contaminants to be present.
  - Coal storage area to the northeast of the operational area.
  - Electrical transformers, water holding ponds and workshops located at the site.
  - Lamberts North Ash Repository (LNAR) located to the southeast and adjacent to existing ash repository. ERM indicate that there is a risk of seepages which main contain dissolved salts and heavy metals.

ERM recommended a stage 2 site investigation and proposed a sampling design based on targeted and systematic patterns across the power station site. The proposed sampling design included soil, groundwater, sediments and surface water. The AECs to the south and west are of relevance to the project are:

- former landfills and former chitter dam
- former mine and backfilling of operational area
- electrical transformers.

It is noted that the former landfills and former chitter dam are located in an area that is being considered for use as a construction laydown and compound area as part of the project.

The other AECs identified by ERM are located to the north and east and are a sufficient distance from the proposed transmission line such that the risks are considered to be low. In addition, it is noted that the PESA was completed in 2013 and there may have been significant changes and variations to the site investigation data since then.

## 4.6 Wallerawang Power Station Project Demolition, Contaminated Land Management Plan

A Contaminated Land Management Plan (CLMP) was prepared by Liberty Industrial Pty Ltd on behalf of Greenspot titled “*Wallerawang Power Station Project Demolition*” (7 April 2021). The purpose of this plan was to support the demolition of the former Wallerawang Power Station and form part of the Demolition Environmental Management Plan (DEMP).

The CLMP stated that regional groundwater flows were expected to flow to the east, following the dip of sedimentary deposits, and that local groundwater flow direction is expected to be towards Coxs River which bisects the plant. The CLMP referenced and summarised two contamination assessments, Aurecon in 2017 and Jacobs (no date provided). These were not available for review at the time of writing this report other than what was reported in the CLMP.

In relation to contamination at the former Wallerawang Power Station, the CLMP reported that an assessment undertaken in 2020 by ERM did not identify any potential risks to human health of the environment with the outcomes indicating that it was suitable for ongoing commercial/industrial land use on the basis that ongoing management measures were implemented (these were not identified in the CLMP). Contaminants identified by ERM included:

- heavy metals in groundwater, surface water and sediments
- asbestos in surface soils.

The heavy metals underlying the former Wallerawang Power Station was considered not likely to pose any risks to human health on the basis that there was no direct contact with groundwater. The quality of the groundwater at the site was considered to be representative of background levels due to the highly mineralised geology. ERM also concluded that the risk to human health and/or sensitive ecological receptors from surface waters contained within onsite settling/ holding ponds is considered to be low.

It was reported that asbestos was known to occur within the building fabric of the power station i.e., pipework and paint. The presence of asbestos was attributed to localised impact associated with historical land use practices/ demolition works and not representative of widespread significant asbestos contamination.

Jacobs completed a Per- and Polyfluoroalkyl Substances (PFAS) focused investigation on behalf of Energy Australia NSW Pty Ltd (Energy Australia). The results of this investigation indicated that PFAS compounds were detected above the laboratory Limit Of Reporting (LOR) in soils sampled where known sources of Aqueous Film Forming Foam (AFFF) use areas. In areas of the site where AFFF were not used, PFAS was not detected above the assessment criteria (unspecified). Three groundwater wells were sampled and the results of the analysis indicated that PFAS was detected at concentrations which exceeded the adopted assessment criterion for the protection of human health (drinking water). PFAS was not detected above assessment criteria in groundwater sampled from other groundwater wells (both on and off-site). In addition, PFAS was not detected above assessment criteria in surface water or sediment samples from on-site surface water features/ watercourses.

## 4.7 Mt Piper to Wallerawang Transmission Line, Geotechnical Investigation Report

SMEC prepared a Geotechnical Investigation Report (GIR) titled “*Mt Piper to Wallerawang Transmission Line*” (CWO REZ MTP-WW1, 20 March 2024) for Transgrid, which appears to mostly cover the current project footprint excluding a section starting from the REA to the Mount Piper Power Station.

SMEC advanced a total of twenty five boreholes (BH1C to BH25C) targeting proposed structure locations with disturbed soil samples collected for both geotechnical and preliminary in-situ waste classification purposes. The locations of the boreholes are presented on Figure 4.2. Rock cores were also collected during the drilling process. The boreholes were reported to have been drilled to a depths ranging from 7.55 m to 11.43 m bgl. SMEC reported that soil samples were collected directly from the auger and the Standard Penetration Testing (SPT) split spoon.

The results of the preliminary waste classification testing undertaken by SMEC indicated that there were no exceedances of the Contaminant Threshold 1 (CT1) criteria applicable for a classification of ‘General Solid Waste’ (GSW) as per the NSW EPA Waste Classification Guidelines (NSW EPA, 2014). SMEC clarified that limited testing was undertaken at the borehole locations and the testing was to provide an indication of near surface contamination. The GIR also reported that the locations of the actual structure foundations were not known at the time of the investigation.

SMEC recommended that additional sampling and testing should be undertaken to confirm the results of their assessment and that an Unexpected Finds Procedure (UFP) is developed ahead of construction.

SMEC reported that groundwater was encountered in eight boreholes during auger drilling (in soils) at depths ranging from 1.0 m bgl to 4.4 m bgl. A review of data included in the GIR indicates that the groundwater appears to be present in shallow soils in the vicinity of the former Wallerawang Power Station and to the north of the Lidsdale Siding, close to Coxs River. In the agricultural land to the north-west of Lidsdale Siding, depth to groundwater was reported to be between 2.3 m bgl and 4.4 m bgl in the interface between the “alluvial soils and residual/ extremely weathered material”.

A review of the borehole logs presented in the GIR by SMEC reported fill material at BH5C to a depth of 1.8 m bgl which is located to the northeast of the former Wallerawang Power Station, within the project footprint. Fill material was not reported to be present in the other boreholes drilled.

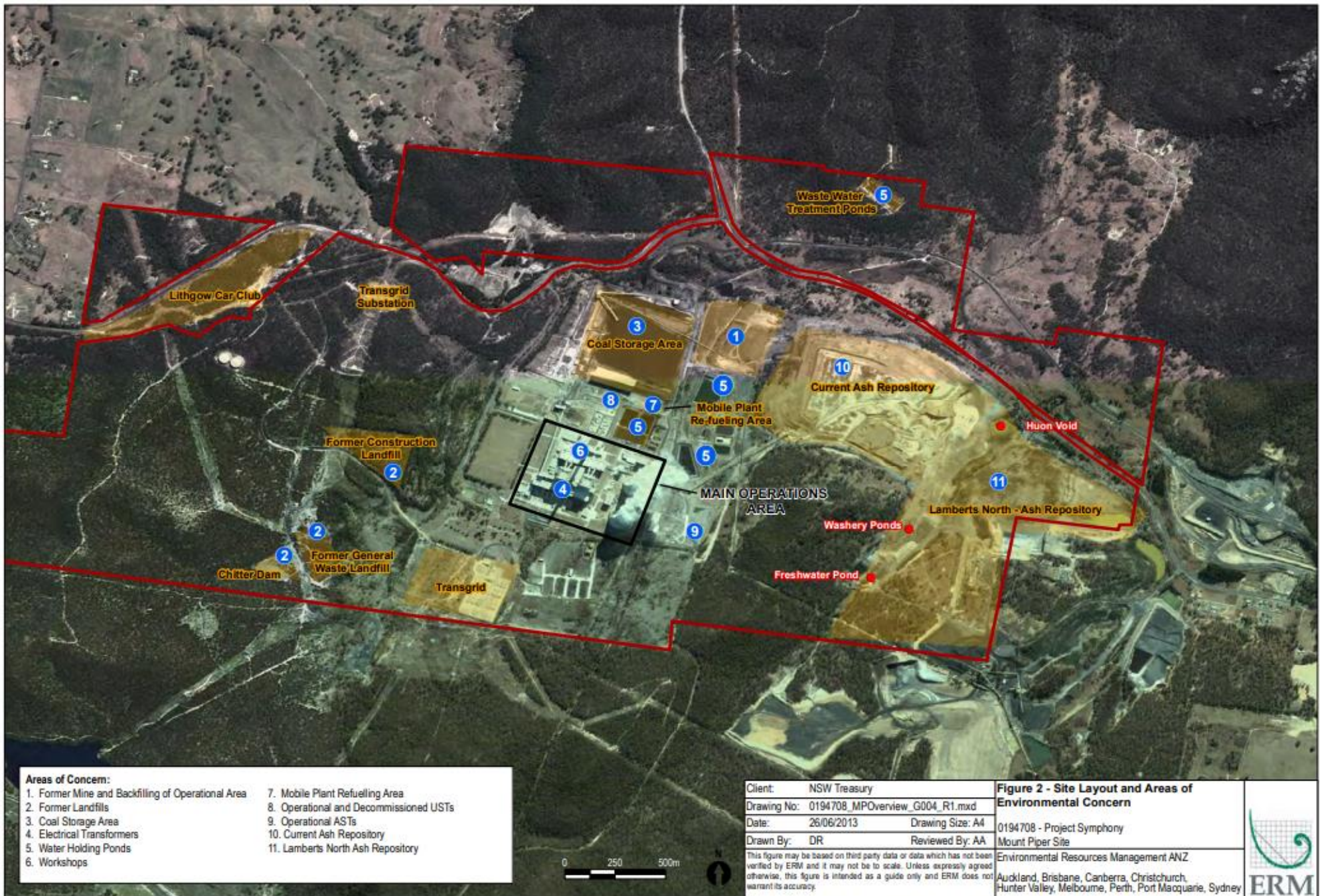


Figure 4.1 Areas of concern, Mount Piper Power Station (extracted from ERM 2013)

## **4.8 Remediation and validation report, TransGrid Wallerawang 132kV substation, Main Street Wallerawang NSW**

Envirowest Consulting Pty Ltd (Envirowest) were commissioned by Kemdar to undertake investigations, remediation and validation associated with TRH impacted soils at the former Transgrid Wallerawang 132/66 kV substation situated in the former Wallerawang Power Station, at the time owned by Delta Electricity. The former substation was in the process of being decommissioned and investigations completed in 2010 by Envirowest found contaminants in soils at elevated concentrations that required remediation. The contamination was found in the immediate area of a transformer and in proximity to an oil containment tank. In addition, several areas of surface staining were observed where removal of the impacted soil was recommended. Also, asbestos was confirmed to be present in electrical backboards and pipes as part of a previously completed audit.

The investigation undertaken in 2010 comprised of 27 boreholes with soil samples taken up to depths of 0.5 m bgl. Envirowest reported that there were no groundwater wells on the site and that Coxs River was located 210 m to the southeast of the former substation.

The remediation undertaken involved the excavation of pits and the offsite disposal (reported to be a local landfill) of contaminated soils followed by validation sampling and subsequent backfilling with clean materials (reported to be crushed concrete or site-won 'validated clean fill'). The validation soil samples were analysed for TRHs, and at selected locations, BTEX and the results of the validation sampling indicated that residual concentrations of these were below the adopted assessment criteria protective of human health and ecological receptors.

The asbestos that was present in the electrical backing boards and pipes on the site was also removed and reported to have been disposed offsite at a landfill. The works were reported to have been undertaken by a licenced asbestos assessor with a clearance certificate prepared for the works.

Envirowest indicated that hydrocarbon contamination remained in the vicinity of the oil containment tank as its removal was not part of the scope of works and that asbestos cement pipes remain under the site.

A review of the figures provided in the Envirowest remediation and validation report (Envirowest, 2014) suggests that the former substation is situated approximately 100 m to the west of the project footprint.

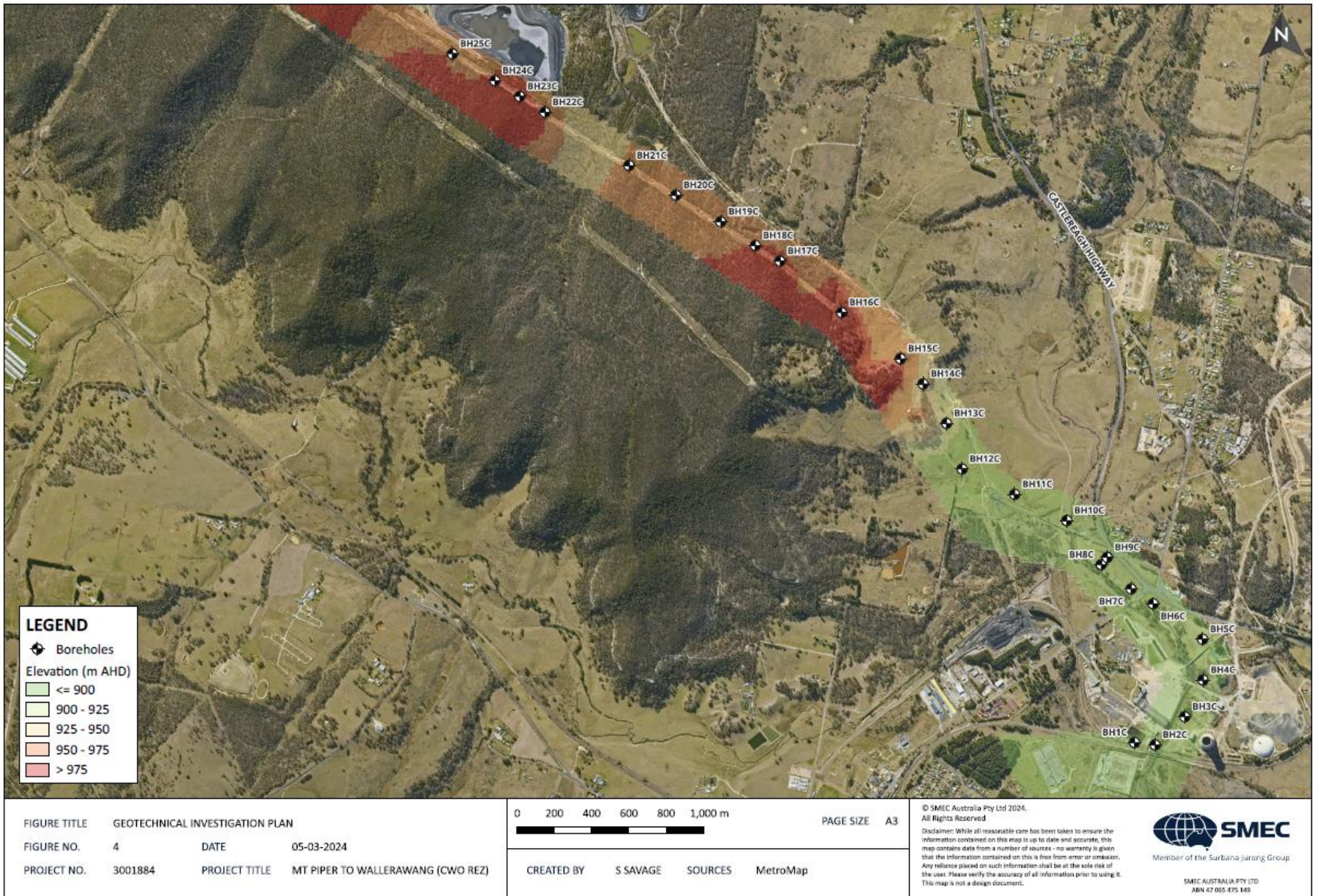


Figure 4.2 Site investigation locations (extracted from SMEC, 2024)

# 5. Site history review

## 5.1 Historical aerial imagery

A selection of aerial photographs was provided in the Lotsearch Report (Appendix C) which were examined to ascertain past activities and potential land uses within and surrounding the project footprint (e.g., within 500 m of the project footprint). The years examined were 1954, 1969, 1972, 1984, 1989, 1998, 2006, 2014 and 2023.

Due to the length and size of the project footprint, the historical aerial imagery has been divided into four sections (refer to Appendix D). The aerial imagery associated with the project footprint is provided in Appendix C. A summary of the historical aerial imagery review is provided in Table 5.1 with a detailed review provided in Appendix D. References to current day landowners are provided in the text to assist with an understanding of the spatial location of the observations described.

There is no historical aerial imagery available prior to 1954 and as such, a review of potential changes of the development of the project footprint is unknown prior to this date.

**Table 5.1** Historical aerial imagery – summary

Year	Summary of review
<b>Section 1</b>	Western end of the project footprint incorporating land owned by Ivanhoe Coal, Energy Australia and some of Centennial Springvale
1954	– Predominantly bushland with some evidence of mining activities to the north (Mount Piper).
1969	– The project footprint remains relatively unchanged since the 1954 aerial image.
1972	– Both the project footprint and surrounding area are relatively unchanged.
1984	<ul style="list-style-type: none"> <li>– There has been significant development associated with the Mount Piper Power Station and Mount Piper 330 kV substation.</li> <li>– There has been vegetation clearance across the western end of the project around Ivanhoe Coal and to the southeast of the project footprint that follows the access tracks and current easements (Ivanhoe Coal and Garden of Stone SCA).</li> <li>– The surrounding area further to the south remains as uncleared bushland.</li> </ul>
1989	<ul style="list-style-type: none"> <li>– Further development / construction at the Mount Piper Power Station. Mount Piper 300 kV substation is under construction close to the northern border of the project footprint.</li> <li>– Possible excavation area to the south of the western end of the project footprint (location of former Ivanhoe Colliery).</li> <li>– To the south and southeast of this predominant land use remains as bushland (within Ivanhoe Coal and the now Gardens of Stone SCA land).</li> </ul>
1998	<ul style="list-style-type: none"> <li>– At the western end of the project footprint multiple electricity structures have been erected to the immediate south (on Ivanhoe Coal land). Several access tracks are present which is similar to that observed in 1989.</li> <li>– The Mount Piper Power Station to the north has undergone several changes. There has been the construction of further infrastructure to main building / components.</li> <li>– Approximately 150 m to the south of the western end of the project footprint there appears to be a large laydown area which correlates with the former Ivanhoe Colliery and mining area.</li> </ul>
2006	<ul style="list-style-type: none"> <li>– The project footprint remains relatively unchanged since the 1998 aerial image.</li> <li>– A large area immediately to the north of the project footprint has been filled with the filling extending to the north and north-east in what was formerly bushland within the Centennial Coal property (LSAR).</li> </ul>
2014	<ul style="list-style-type: none"> <li>– A notable change is that the Mount Piper 300 kV substation has extended to the west.</li> <li>– The large infill area to the north of the Gardens of Stone SCA appears to have been further infilled with additional material present (LSAR).</li> </ul>
2023	<ul style="list-style-type: none"> <li>– Construction of the Springvale Water Treatment Plant has occurred and it is located on the southeast boundary of the Mount Piper Power Station.</li> <li>– A dam or possible detention basin is observed on recent aerial imagery (2024) on land associated with the former mining activities on Ivanhoe Coal land.</li> </ul>

Year	Summary of review
<b>Section 2</b>	Central portion of the project footprint incorporating land owned by Centennial Springvale, Garden of Stone SCA and some of Ivanhoe Coal
1954	<ul style="list-style-type: none"> <li>– The project footprint and immediate surrounding area appears to comprise of bushland (Gardens of Stone SCA) with paddocks present adjacent to the eastern end of the project footprint.</li> <li>– Likely mining operations visible approximately 150 m to the north of the western end of the project footprint (current day Centennial Springvale land).</li> </ul>
1969	<ul style="list-style-type: none"> <li>– The project footprint and immediate surrounding area are relatively unchanged since the 1954 aerial image.</li> </ul>
1972	<ul style="list-style-type: none"> <li>– The project footprint and immediate surrounding area remain relatively unchanged since the 1969 aerial image.</li> </ul>
1984	<ul style="list-style-type: none"> <li>– There has been vegetation clearance along the length of the project footprint which correlates with the current day access track (Gardens of Stone SCA).</li> <li>– Approximately 300 m to the north of the project footprint there is a large water feature with potential storage of coal or coal wash close to it (LNAR).</li> </ul>
1989	<ul style="list-style-type: none"> <li>– The project footprint remains relatively unchanged since the 1984 aerial image.</li> <li>– Vegetation clearance visible to the north possibly linked to mining operations.</li> </ul>
1998	<ul style="list-style-type: none"> <li>– The project footprint remains relatively unchanged since the 1998 aerial image.</li> </ul>
2006	<ul style="list-style-type: none"> <li>– The project footprint remains relatively unchanged since the 1998 aerial imagery.</li> <li>– A large tailings dam / ash repository has been constructed along the northern boundary with the project footprint (LSAR).</li> </ul>
2014	<ul style="list-style-type: none"> <li>– The project footprint remains relatively unchanged since the 2006 aerial image.</li> </ul>
2023	<ul style="list-style-type: none"> <li>– The project footprint remains relatively unchanged since the 2014 aerial image.</li> <li>– The ash repository to north (LSAR) has undergone some significant changes with the eastern area assumed to be rehabilitated with vegetation and the western area formalised with batters and access roads constructed.</li> </ul>
<b>Section 3</b>	Central to eastern end of the project footprint incorporating land owned by Ivanhoe Coal, WaterNSW, private landowners and former Wallerawang Power Station Site
1954	<ul style="list-style-type: none"> <li>– The project footprint comprises bushland at the western end of the project including the Gardens of Stone SCA and mainly paddocks and agricultural land at the eastern end of the project.</li> <li>– Coxs River is visible running through the project footprint. There are several access tracks and a sealed road running south-west to north-east (likely to be Main Street, Wallerawang).</li> <li>– The area to the north, in the vicinity of Castlereagh Highway is generally comprised of a mix of bushland, paddocks, some areas of cleared vegetation, unsealed access roads, rural residential properties and Wolgan Road running to the north.</li> <li>– To the south-west the land is occupied by paddocks, sporadic bushland and Brays Lane is visible.</li> </ul>
1969	<ul style="list-style-type: none"> <li>– The quality of this aerial image is poor due to smoke or similar originating from the former Wallerawang Power Station and possible changes along the project footprint are not visible.</li> <li>– The Wallerawang Power Station has been constructed. A large patch of cleared vegetation or possibly a stockpile is situated approximately 300 m to the south of the project footprint, close to Main St, Wallerawang (possible Lidsdale Siding).</li> </ul>
1972	<ul style="list-style-type: none"> <li>– The project footprint remains relatively unchanged since the 1969 aerial image.</li> <li>– The immediate surrounding area appears to be similar to that of the 1969 aerial image.</li> </ul>
1984	<ul style="list-style-type: none"> <li>– The project footprint remains relatively unchanged since the 1972 aerial imagery with the exception of the realignment of Coxs River to the north of the former Wallerawang Power Station, and the realignment of a tributary to the west towards a large water storage basin adjacent to an area of coal storage.</li> <li>– The significant changes in the surrounding area have occurred to the south with further construction at the former Wallerawang Power Station with the addition of the coal loading facility to the immediate north of Main St, Wallerawang (Lidsdale Siding).</li> </ul>
1998	<ul style="list-style-type: none"> <li>– The project footprint and surrounding area remain relatively unchanged since the 1984 aerial imagery.</li> <li>– The most notable development within the surrounding area is the construction of the current coal conveyor which traverses the Ivanhoe Coal land located north of Brays Lane.</li> </ul>

Year	Summary of review
2006	– The project footprint and surrounding area remain relatively unchanged since the 1998 aerial imagery.
2014	– The project footprint and surrounding area remain relatively unchanged since the 2006 aerial imagery.
2023	– The project footprint and surrounding area remain relatively unchanged since the 2014 aerial imagery.
<b>Section 4</b>	Eastern end of the project footprint incorporating land owned by Greenspot Wallerawang Pty Ltd and Energy Australia
1954	<ul style="list-style-type: none"> <li>– The project footprint generally comprises paddocks with some access tracks observed (north of Wallerawang and to the south towards the Main Western Railway Line).</li> <li>– The Coxs River runs the entire length of the project, initially in the central portion then close to the western boundary where it crosses the Main Western Railway Line and runs to the southeast.</li> <li>– In the surrounding area the construction of the Wallerawang Power Station is underway. Some of the construction activities appear adjacent to the western boundary of the project footprint close to Coxs River.</li> </ul>
1969	<ul style="list-style-type: none"> <li>– The project footprint generally remains relatively unchanged since the 1954 aerial image.</li> <li>– The surrounding area, particularly to west has undergone significant changes, most notably, the development of the Wallerawang Power Station.</li> <li>– To the immediate west of the project footprint (close to the Main Western Railway Line to the south) there is a large stockpile and a series of smaller stockpiles of dark material (assumed to be coal for the Wallerawang Power Station located adjacent).</li> </ul>
1972	<ul style="list-style-type: none"> <li>– There has been development in the project footprint which is assumed to be clearing and earthworks adjacent to Wallerawang Power Station and Coxs River) and to the south of the Main Western Railway Line (where the current Wallerawang 330 kV substation is located).</li> <li>– To the east and west of the project footprint, land has been cleared to accommodate further development associated with the Wallerawang Power Station.</li> </ul>
1984	<ul style="list-style-type: none"> <li>– There have been multiple changes in the project footprint which are assumed to be associated with the overall construction of the Wallerawang Power Station.</li> <li>– Several linear type structures have been developed which are assumed to be loading infrastructure and internal access roads which feed into and connect with the main power station buildings.</li> <li>– In the surrounding area most of the changes appear to be associated with the construction and ongoing development of the Wallerawang Power Station. The eastern end of the project footprint appears to contain a large volume of dark material (likely coal) and a large chimney stack has been constructed approximately 40 m to the east of the project footprint, close to Coxs River.</li> <li>– Wallerawang 330 kV substation has been constructed immediately to the south of the Main Western Railway Line and to the north of the easternmost end of the project footprint.</li> </ul>
1998	<ul style="list-style-type: none"> <li>– The majority of the project footprint remains relatively unchanged since the 1984 aerial image.</li> <li>– A dam/water feature has been constructed south of the Wallerawang Power Station.</li> <li>– The easternmost portion of the project footprint largely remains undeveloped. Several electricity pylons have been erected as well as some access tracks visible in addition to several small stockpiles of materials (nature and contents unknown).</li> <li>– There have been further additions to the Wallerawang Power Station with a large domelike structure constructed approximately 250 m to the east of the project footprint.</li> </ul>
2006	– The project footprint and surrounding area remain relatively unchanged since the 1998 aerial image.
2014	– The project footprint and surrounding area remain generally unchanged since the 2006 aerial image with the exception of the construction of the Wallerawang 330 kV substation.
2023	<ul style="list-style-type: none"> <li>– The project footprint remains relatively unchanged since the 2014 aerial image.</li> <li>– In the surrounding area, the demolition of Wallerawang Power Station has occurred with the main buildings and some of the associated infrastructure no longer present.</li> </ul>

## 5.2 Historical land titles

An historical land title search was undertaken on selected land parcels to assist with the assessment of site history. The results of the land title search and associated documentation is presented in Appendix F. A review of the land titles for the selected land parcels is summarised in Table 5.2. The land parcels were selected on the basis that they provided sufficient coverage of the transmission line easement which is where the majority of the construction impacts are anticipated. For this reason, not all land titles were sourced. Areas beyond the proposed transmission line easement were not selected for review.

The historical land titles generally identify private landowners (e.g., graziers, produce merchants) from 1880s to approximately the 1970s after which mining and electricity related entities were registered as proprietors of the land parcels such as:

- The Joint Coal Board
- The Electricity Commission of NSW
- Delta Electricity
- Energy Australia
- Greenspot Wallerawang Pty Ltd
- Ivanhoe Colliery Pty Ltd.

The outcomes of the historical land title search corroborate with the aerial historical review where bushland, mining and agricultural land use dominated until the mid-1900s followed by electricity generation at both Mount Piper and Wallerawang Power Stations.

**Table 5.2** Summary of historical land title information

Lot details	Proprietors
Lot 100 DP 1043966	1914 – grazier 1936 – grazier 1950 – Perpetual Trustee Company Ltd 1955 – The Joint Coal Board 1957 – The Electricity Commission of NSW 1988 – The Electricity Commission of NSW 2003 – Delta Electricity 2013 – Energy Australia NSW Pty Ltd 2020 – Greenspot Wallerawang Pty Ltd
Lot 171 DP 1131952	1905 – Grazier 1950 – Solicitor (executor of deceased estate) 1950 – Perpetual Trustee Company Ltd 1950 – The Joint Coal Board 1956 – The Electricity Commission of NSW 1962 – Widow 1976 – Spinster (executrix of deceased estate) 1978 – The Electricity Commission of NSW 1997 – Delta Electricity 2008 – Delta Electricity 2013 – Energy Australia NSW Pty Ltd 2020 – Greenspot Wallerawang Pty Ltd

Lot details	Proprietors
Lot 4 DP 1087684	1947 – Arnold C Whalan, produce merchant 1973 – Arnold C Whalan Pty Ltd 1978 – The Electricity Commission of NSW 1993 – The Electricity Commission of NSW 1997 – Delta Electricity 2007 – Delta Electricity 2013 – Energy Australia NSW Pty Ltd 2020 – Greenspot Wallerawang Pty Ltd
Lot 2 DP 1131955	1905 – Grazier 1950 – Solicitor (executor of deceased estate) 1950 – Perpetual Trustee Company Ltd 1950 – The Joint Coal Board 1956 – The Electricity Commission of NSW 1997 – Delta Electricity 2008 – Delta Electricity 2013 – Energy Australia NSW Pty Ltd 2020 – Greenspot Wallerawang Pty Ltd
Lot 16 DP 751651	1877 – Edwin Barton, Grantee 1892 – Widow and gentleman 1892 – Gentleman 1947 – Grazier 1947 – Produce merchant 1973 & 1988 – Arnold C Whalan Pty Ltd 1995 – Vallaire Pty Ltd 2009 – Ivanhoe Coal Pty Ltd
Lot 2 DP 567915	1891 – Joseph Holt, Grantee 1929 – Freeholder & Tramway official 1929 – Clerk's wife 1929 – Mining proprietor 1929 – Grazier 1973 & 1988 – Arnold C Whalan Pty Ltd 1995 – Vallaire Pty Ltd 2009 – Ivanhoe Coal Pty Ltd
Lot 375 DP 751651	1891 – Joseph Holt, Grantee 1929 – Freeholder & Tramway official 1929 – Clerk's wife 1929 – Mining proprietor 1929 – Grazier 1973 & 1988 – Arnold C Whalan Pty Ltd 1995 – Vallaire Pty Ltd 2009 – Ivanhoe Coal Pty Ltd
Lot 162 DP 751638	1880 to 1980 – various conditional purchases 1980 – Crown Land 1980 – Commonwealth Portland Cement Company Pty Ltd 1989 – Commonwealth Portland Cement Company Pty Ltd 1989 – Blue Circle Southern Cement Pty Ltd 1993 – Blue Circle Southern Cement Pty Ltd 1994 – Ivanhoe Coal Pty Ltd

Lot details	Proprietors
Lot 165 and 166 DP 751638	1880 to 1980 – various conditional purchases 1980 – Crown Land 1980 – Commonwealth Portland Cement Company Pty Ltd 1989 – Blue Circle Southern Cement Pty Ltd 1993 – Blue Circle Southern Cement Pty Ltd 1994 – Ivanhoe Coal Pty Ltd 1995 – Ivanhoe Coal Pty Ltd.

### 5.3 Planning certificates

Three Section 10.7 (2 and 5) planning certificates were obtained from Lithgow City Council (LCC) that covered multiple Lot and DPs of the project footprint. Copies of the planning certificates are presented in Appendix E. The addresses and associated land parcels were selected on the basis that they provided coverage of the proposed transmission line easement which is where the majority of the construction impacts are anticipated. Areas beyond the project footprint were not selected for review.

Pertinent information associated with these planning certificate with regards to contamination includes as follows:

- The land has not been identified in the Loose-Fill Asbestos Insulation Register as containing loose-fill asbestos ceiling insulation.
- Matters under the EP&A Act indicate that Council has no record that the land is contaminated, nor is it subject to a management order, an approved voluntary management proposal, ongoing maintenance order or has a Site Audit Statement (SAS) prepared for contamination issues (under the CLM Act 1997).

### 5.4 Historical business directory

A review of Universal Business Directory records provided in the Lotsearch Report (Appendix B) indicated that from 1950 to 1991 there were multiple businesses situated within and close proximity to the eastern end of the project footprint. The businesses range from public services, cafes, butchers, hardware stores, agricultural machinery dealers, smash repairs, garden supplies, motor spare parts, haulage contractors, schools, battery distributors, battery service station and motor garages.

Whilst there are a multitude of businesses, the contamination risk is likely to be low for the majority of these considering their nature and timeframe since they were in operation. There are contamination risks associated with land uses such as motor garages, petrol stations, haulage contractor and smash repairs. Some of these were in existence prior to 1991 and the likelihood of contamination being present at this time is low.

### 5.5 Historical topographic maps

Historical topographic maps (1935, 1973 and 2015) were reviewed for evidence of possible land use, features and areas of concern at and within proximity to the project footprint, key aspects of the review are summarised below:

- 1935 map: On the western side of the project footprint there is a “skip line” which appears to run from a location called ‘loading stage 1’ and leads to the main range colliery which correlates to the present day Mount Piper Power Station. Skip lines are a method of transporting mined substances. There are no other notable features along the majority of the proposed transmission line. At Wallerawang, there is the Main Western Railway Line which dissects the easement north of the Wallerawang 330 kV substation, a race course situated approximately 200 m to the south-west of the proposed transmission line and a road network leading to Wallerawang urban centre.
- 1973 map: This map does not show the presence of features of note at the western end of the project footprint. A track is present which runs in a general south – north direction in a similar location to the ‘skip line’ shown in the 1935 map. At the western end of the project footprint, buildings are shown to exist in and around the Wallerawang urban centre. To the south of the proposed transmission line a reservoir is shown which is considered likely to be associated with WaterNSW. A large building is shown to exist where the present day power station at Wallerawang is located.

- 2015 map: Although this map is of poor quality, it appears to show more buildings and infrastructure at the western end of the project footprint where the Mount Piper Power Station is located. The Ben Bullen State Forest is illustrated which occupies the central portion of the project footprint. In the eastern section of the project footprint there are many buildings shown which are similar in size and location to the former Wallerawang Power Station and associated infrastructure. In addition, Lake Wallace is shown to exist to the south of the project footprint. This lake was built in 1978 to provide cooling water and water supply for the former Wallerawang Power Station.

## 6. Site inspection

An experienced environmental scientist from GHD (Malachi Hurley) completed an inspection of the project footprint and surrounding area on 1 May 2024. A photographic record of the inspection is provided in Appendix G. Key observations made during the site inspection are summarised in Table 6.1.

Table 6.1 Site inspection observation summary

General area of inspection	Observations
Mount Piper Power Station and area to south	<ul style="list-style-type: none"> <li>– The land surrounding the Mount Piper 330 kV substation was observed to mainly comprise native bushland, existing transmission lines and cleared areas for easements.</li> <li>– Surficial rubbish was observed surrounding the substation which consisted of general litter rather than relating to possible illegal dumping activities.</li> <li>– Multiple access roads, comprised of road base (blue metal gravel) were noted surrounding the Mount Piper 330 kV substation.</li> <li>– Concreted drainage lines were also observed to the south-west of the Mount Piper 330 kV substation.</li> <li>– An abandoned car body was observed in Ivanhoe Coal land. It was situated approximately 180 m to the south of the project footprint.</li> </ul>
Centennial Springvale Coal	<ul style="list-style-type: none"> <li>– To the north of the project footprint in this area, adjacent to the Gardens of Stone SCA, the Reject Emplacement Area (REA), which was formerly Lamberts South Ash Repository, was observed. The REA consists of coal reject from processing within the Centennial Coal Springvale Coal Services facility.</li> <li>– It is assumed that the REA also contains ash associated with the operation of the Mount Piper Power Station. GHD was unable to get access to this area due to restricted access due to safety concerns. Ash was not observed to be present on the project footprint at the time of the inspection.</li> <li>– The REA was contained by a large batter on its perimeter which bounds the northern extent of the project footprint. Immediately adjacent to the project footprint the ground surface is at a slightly higher elevation with further increases in elevation towards the south/south-west away from the batters.</li> <li>– There may be a risk of contamination of the easement due to wind-blown ash deposits based on its proximity to the project footprint. It was considered that the risk of ash migrating overland from the ash repository onto the area of the proposed transmission line was low due to the batter and the gradient.</li> </ul>
Gardens of Stone SCA	<ul style="list-style-type: none"> <li>– The presence of the REA (former large ash repository) was observed immediately to the north at the western end of this area.</li> <li>– Agricultural land and paddocks (grazing) were observed to the north of the Gardens of Stone SCA.</li> <li>– At the time of the site inspection access tracks in this area were observed to vary from good to inaccessible due to previous wet weather conditions. The access roads were observed to comprise of road base (blue metal gravel).</li> <li>– For the most part, the easement was free of visible surficial contamination, with the electrical towers and fencing being the only infrastructure observed throughout the easement.</li> <li>– Some surficial dumping was observed at sporadic locations along the easement. This was evidenced by several white goods (e.g., fridge) and litter.</li> </ul>
Agricultural land to the south east of the Gardens of Stone SCA	<ul style="list-style-type: none"> <li>– Agricultural land and paddocks (grazing) were observed to the east and south towards Wallerawang.</li> <li>– A coal conveyor was observed cutting through agricultural land and is aligned in a general north-west to south-east direction from the Mount Piper Power Station to the south-east towards Wallerawang.</li> <li>– At the time of the site inspection, the immediate agricultural land surrounding the coal conveyor was generally observed to be free of surficial contamination except for some buildup of coal residues directly underneath the conveyor.</li> <li>– For the most part, the conveyor was either raised off the ground significantly or was sunken between two batters, capturing any material that may have been discarded during its operation.</li> </ul>

General area of inspection	Observations
	<ul style="list-style-type: none"> <li>- At the time of the site inspection the fill material used to build up the batters, located on either side of the conveyor, was observed to comprise of road base and sandy clay which, upon inspection was free of anthropogenic material.</li> <li>- A single, standalone, large water tank was observed at the eastern end of the project footprint on top of a large hill north of Brays Lane. The use of the water tank forms part of the Fish River Scheme and is operated by WaterNSW.</li> <li>- The tank was situated directly on the ground surface, i.e. no bund or concrete plinth. A single shed was observed adjacent to the tank and it was observed to have a notice on the door which indicated that it contained water treatment products (sodium hypochlorite). There was no information or visibility on the quantities or nature of the storage of these chemicals (for example whether they were banded).</li> <li>- Scrap metal (i.e. corrugated iron sheeting) and a road base stockpile (approximately 5 m x 3 m) was observed in the area surrounding the water tank.</li> </ul>
Eastern area, between Brays Lane and Main Street	<ul style="list-style-type: none"> <li>- The eastern end of the proposed easement (adjacent to Castlereagh Highway) comprised of paddocks and riparian zone along the Coxs River which was observed to be overgrown at the time of the site inspection.</li> <li>- Agricultural land uses in the project footprint, south-west of the Castlereagh Highway around Brays Lane, are noted as being used for grazing.</li> <li>- With the exception of the batter for the aforementioned highway, no evidence of significant soil movement or evidence of contaminating activities were observed in project footprint or in the immediate surrounding area.</li> <li>- Coxs River runs close to and through the eastern end of the project footprint towards the former Wallerawang Power Station.</li> </ul>
Former Wallerawang Power Station	<ul style="list-style-type: none"> <li>- The eastern end of the project footprint contains the former Wallerawang Power Station.</li> <li>- Due to access restrictions, these areas were not accessed at the time of the site inspection.</li> <li>- Infrastructure associated with the decommissioned power station was observed, such as the chimney stacks and the Wallerawang 330 kV substation to the south.</li> <li>- The project footprint bisects the site of the former Wallerawang Power Station and this area is highly disturbed with remnant power station related infrastructure still in place, noting that much of the former power station has been removed from the site.</li> </ul>
South of the railway, Wallerawang 330 kV substation	<ul style="list-style-type: none"> <li>- South of the Wallerawang 330 kV substation, adjacent to the entrance to Lake Wallace, there was evidence of significant soil movement on land within the project footprint.</li> <li>- This was evidenced by the presence of built up / overgrown stockpiles and anthropogenic material (litter) was observed throughout this area at the time of the site inspection.</li> <li>- The Main Western Rail Line was also noted to traverse the easternmost end of the project footprint, between the former Wallerawang Power Station site and the Wallerawang 330 kV substation.</li> </ul>

# 7. Regulatory information

## 7.1 Contaminated sites notified to the NSW EPA

The NSW EPA maintains a "List of NSW contaminated sites notified to the EPA" under Section 60 of the CLM Act. Inclusion on this list indicates that the notifiers consider a site/premises is contaminated and warrants reporting to NSW EPA. The contamination at a given site/premises may or may not be significant enough to warrant regulation by the NSW EPA and following review of relevant site information, the NSW EPA makes a determination as to whether or not the site warrants regulation.

A review of the information in Lotsearch report (Appendix B) indicates that there are seven premises within 1 km of the project footprint that have been notified to the NSW EPA as summarised in Table 7.1.

**Table 7.1** Summary of contaminated site notified to the NSW EPA

ID	Address	Activity	Management Class	Distance and direction
1104	Ivanhoe Colliery – Pipers Flat Road, Portland NSW	Other industry	Regulation under CLM Act not required	Within project footprint
1391	Wallerawang Power Station, 1 Main Street, Wallerawang	Other Petroleum	Regulation under CLM Act not required	Within project footprint
1392	Lidsdale Coal Loading Facility – Castlereagh Highway, Blackmans Flat	Other Industry	Regulation under CLM Act not required	Directly adjacent, south-east
130	Western Coal Services (former Lamberts Gully Mine), Castlereagh Highway, Blackmans Flat, NSW	Other Industry	Regulation under CLM Act not required	Within project footprint
131	Mount Piper Extension Development Site, 2847 Boulder Road, Blackmans Flat NSW	Other Industry	Regulation under the CLM Act not required	229 m north-west
13690	Kerosene Vale Ash, 110 Skelly Road, Lidsdale, NSW	Other Industry	Contamination currently regulated under CLM Act	294 m east
13444	Mount Piper Power Station, 350 Boulder Road, Portland, NSW	Other Petroleum	Regulation under CLM Act not required	546 m north-west

Four of these premises are within or in proximity to the project footprint which are potential sources of contamination that may have impacted the soil and/or groundwater in these areas. These have been assessed by the NSW EPA as not requiring regulation under the CLM Act.

The project infrastructure would be constructed at discrete locations along the easement with generally shallow earthworks with the potential to intersect groundwater, particularly in deeper excavations or in areas of shallow groundwater. Project maintenance works would involve mainly surface based activities and routine inspections. This would minimise the risk of direct contact with surface derived and groundwater contamination, if it exists. The risk to construction and maintenance personnel is likely to be low.

Three of these premises are located between 229 m and 546 m from the project footprint. Based on the distance, the risk of contamination impacting the constructability and construction personnel of the project is considered low and these are not considered further.

## 7.2 Contaminated land record of notices

A search of the NSW EPA Contaminated Land record of Notices (provided by Lotsearch Report LS057593) reported that there was one premises within 1 km that has been notified to the NSW EPA under the CLM Act. The premises is the Kerosene Vale Ash Repository located at 110 Skelly Road, Lidsdale which is approximately 294 m to the east of the project footprint.

A review of the NSW EPA contaminated land record of notices indicates that there is one current notice in relation to this premises, dated 22 August 2022, for the presence of metal and metalloids, acidic seepage/drainage, salinity, sulfate, ammonia, fluoride and asbestos contamination on the land associated with ash deposits. The information on the NSW EPA website indicates that there is migration to surface waters (Sawyers Creek) and groundwater where concentrations are greater than criteria designed for the protection of freshwater aquatic ecosystems. This premises has been declared 'significantly contaminated land' under the CLM Act (declaration number 20211113). It is noted that the distance from the project footprint stated on the record of notices is in relation to the property boundary and the distance to the ash repository is approximately 900 m to the north-east of the project footprint.

It is considered that the risk of contamination originating from this premises and impacting the construction and operation of the project is low due to the distance from the project footprint. The contamination appears to be impacting surface water and groundwater, which is unlikely to impact construction personnel and future site users.

## 7.3 POEO Act registered sites

### 7.3.1 Current registered premises

The NSW EPA maintains a public register of premises subject to an EPL issued under the POEO Act. A search of this register indicated that there are nine premises currently operating under an EPL within 1 km of the project footprint as summarised in Table 7.2.

Table 7.2 Current premises regulated under the POEO Act

EPL#	Organisation	Address	Activity	Distance and direction
766	Greenspot Wallerawang Pty Ltd	Wallerawang Power Station, 1 Main Street, Wallerawang	Generation of electrical power from coal	Within project footprint
13007	Energy Australia NSW Pty Ltd	Mount Piper Power Station, 350 Boulder Road, Portland	Generation of electrical power from coal General chemicals storage Petroleum products storage	Within project footprint
21185	Generator Property Management Pty Ltd	Including portions of the former Wallerawang Power Station, Wallerawang, NSW 2845	Miscellaneous licensed discharge to waters (wet weather only)	Within project footprint
631	Ivanhoe Coal Pty Ltd	Ivanhoe No. 2 Colliery, Boulder Road, Portland	Coal works Mining for coal	Within project footprint
21229	Springvale Coal Pty Ltd	1613 Castlereagh Highway, Blackmans Flat, NSW 2790	Coal works Waste disposal by application to land	Within project footprint
13421	UGL Regional LINX Pty Ltd	Country Regional Network, Orange, NSW 2800	Railway systems activities	Within project footprint
5129	Ivanhoe Coal Pty Ltd	Lidsdale Coal Loading Facility, Main Street, Wallerawang	Coal works	Within project footprint
20513	Nu-Rock Technology Pty Limited	350 Boulder Road, Portland	Recovery of general waste Recovery of hazardous and other waste	305 m north-west
3607	Springvale Coal Pty Ltd	Springvale Colliery, 980 Castlereagh Highway, Lidsdale	Coal works Mining for coal	887 m east

## 7.3.2 Former registered premises

The NSW EPA maintains a public register of premises which have been formerly subject to an EPL issued under the POEO Act. There are six premises within 1 km of the project footprint that had former licensed activities under the POEO Act which are now surrendered. Details of these are shown in Table 7.3.

Table 7.3 Former licensed activities under the POEO Act 1997 within 1000 m of the site

Site	EPL Reference	Activity	Status	Distance/ direction from site
Lurhmann Environmental Management Pty Ltd, Waterways throughout NSW	4653	Other Activities / Non Scheduled Activity – Application of Herbicides	Surrendered	Within project footprint <sup>1</sup>
Robert Orchard, Various Waterways throughout New South Wales – Sydney NSW 2000	4838	Other Activities / Non Scheduled Activity – Application of Herbicides	Surrendered	Within project footprint <sup>1</sup>
Sydney Weed & Pest Management Pty Ltd, Waterways throughout NSW – Prospect, NSW, 2148	6630	Other Activities / Non Scheduled Activity – Application of Herbicides	Surrendered	Within project footprint <sup>1</sup>
Hanson Construction Materials Pty Ltd, Main Street, Wallerawang, NSW	3766	Concrete works	Surrendered	614 m south
Australian Dolomite Co. Pty Ltd, Lot 1 and 2 Pinta Street, Wallerawang, NSW	7567	Miscellaneous licensed discharge to waters (at any time); Crushing, grinding or separating	Surrendered	754 m south
Weston Matrix Pty Ltd, Blackmans Flat, Solid Waste Landfill depot, Castlereagh Highway, Blackmans Flat	20034	Recovery of general waste	Surrendered	910 m north-west

Note: 1. These types of activities are usually undertaken on an LGA-wide basis and unlikely to have been undertaken 'on site' as indicated in the information provided.

## 7.3.3 Delicensed premises

The NSW EPA maintains a public register of premises that have had the EPL delicensed under the POEO Act. A review of the information contained within Lotsearch report, (Appendix B) indicates that there were no delicensed activities still regulated by the NSW EPA within 1 km of the project footprint.

## 7.3.4 Penalty notices

There have been five penalty notices issued to two property owners for premises within 1 km of the project footprint as summarised in Table 7.4. The penalty notices are either Section 91 & Section 92 clean up notices and/or Section 96 prevention notices under the POEO Act and were issued in 2013 and 2015. There was no further information available on the NSW EPA website in relation to these penalty notices.

Table 7.4 Penalty Notices

Number	Type, date	Name, Address	Offence	Act	Distance and direction
3085770252	Penalty Notice 01 May 2013	Delta Electricity, 1 Main Street, Wallerawang, NSW 2845	Contravene any condition of licence – not noise – corporation	Protection of the Environment Operations Act 1997 – 64(1)	Within project footprint (former Wallerawang Power Station site)
3085770261	Penalty Notice 01 May 2013		Contravene of Part 5 pt 7 of the Protection of the Environment Operations Act 1997 – Corporation	Protection of the Environment Operations Act 1997 – 152	

Number	Type, date	Name, Address	Offence	Act	Distance and direction
3085772169	Penalty Notice 2 Sept 2013	Springvale Coal Pty Ltd, 980 Castlereagh Highway, Lidsdale, NSW 2790	Contravene of Part 5 pt 7 of the Protection of the Environment Operations Act 1997 – Corporation	Protection of the Environment Operations Act 1997 – 152	887 m east
3085772178	Penalty Notice 2 Sept 2013		Contravene any condition of licence – not noise – corporation	Protection of the Environment Operations Act 1997 – 64(1)	
3085776000	Penalty Notice 16 Feb 2015		Contravene condition of licence – Corporation	Protection of the Environment Operations Act 1997 – 64(1)	

## 7.4 Hazardous Chemicals Search – SafeWork NSW

A search of the SafeWork NSW files for records relating to historical storage of hazardous chemicals within the project footprint was not undertaken based on a review aerial photography, the observations made during the site inspection and the nature of the proposed construction works associated with the project.

The proposed construction works are likely to involve surficial works with the exception of installation of structures and similar infrastructure where discrete areas would be subject to excavations and/or piling rather than broadscale bulk earthworks.

## 7.5 National Waste Management Facilities Database

A review of the information contained within the Lotsearch report (Appendix B) related to premises registered on the National Waste Management Sites Database indicates that there are no such premises within 1 km of the project footprint.

## 7.6 National liquid fuel facilities

The National Liquid Fuel Facilities database contains a dataset of liquid fuel refineries in Australia. A review of the information (listed as National Liquid Fuel Facilities with Geoscience Australia) indicates that there is one facility situated within 1 km of the project footprint. This is classed as a petrol station named United Lidsdale, located at 1 Castlereagh Highway, Lidsdale (50 m to the south-east of the project footprint) as registered on this database. This would indicate that there is fuel storage and supply at this premises.

## 7.7 Former gasworks sites

The NSW EPA maintains a public register of former gasworks within NSW and the register indicates that there are no former gasworks located within 1 km of the project footprint.

## 7.8 NSW PFAS investigation programs

The Lotsearch report (Appendix B) provides information regarding Per- and polyfluoroalkyl substances (PFAS) investigation and management programs within Australia. These programs are undertaken by the NSW EPA, Department of Defence and Airservices Australia.

A review of the information contained within the Lotsearch report (Appendix B) indicates that there are no premises subject to PFAS investigation and management on the site or within 2 km of the project footprint.

## 7.9 Department of Defence unexploded ordnance

The Department of Defence maintains a record of sites confirmed as or suspected of being contaminated with unexploded ordnance (UXO) (Department of Defence, 2023). UXO refers to ammunition which has been fired but has not functioned as designed and could be dangerous as they may easily become functioning with little handling.

A search of the database accessed in December 2024<sup>7</sup> indicated that there are no UXO sites within 5 km of the project footprint. As such, it is unlikely that any UXOs would be encountered during the work.

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<sup>7</sup> [UXO Map](#)

## 8. Preliminary conceptual site model

A conceptual site model (CSM) is a representation of site-related information regarding contamination sources, receptors and exposure pathways between those sources and receptors. The preliminary CSM is developed using information obtained from a sites history, site observations made during an inspection, current and former land use and expected ground conditions. Once the contamination status is understood through a sampling and analysis program (if implemented), the CSM then allows the assessor to evaluate the risk posed by the contamination to the identified receptor, and whether actions are required to manage that risk.

The development of a preliminary CSM is an essential part of site contamination assessments and provides the framework for identifying contamination sources and how potential receptors may be exposed to contamination. Based on the information collected as part of this desktop assessment, the preliminary CSM is described in the following sections. The preliminary CSM has been assessed on the basis of the potential risk to the constructability of the project as well as the risk to site users (i.e., construction personnel, site visitors and future maintenance personnel) and the general public, where applicable. Ecological receptors have been considered where necessary in relation to the potential for migration of contamination from the project footprint.

### 8.1 Potential sources of contamination

Potential contamination sources identified as Areas of Environmental Concern (AEC) based on the outcomes of the desktop review of information, including review of historical aerial photographs, the outcomes of the site inspection and documentation review are detailed in Table 8.1 along with a broad suite of Contaminants Of Potential Concern (COPC) identified for each AEC. Figure 8.1 (Map 1) and Figure 8.2 (Map 2) presents the locations of the AECs and features of the project footprint. It is noted that some AECs are unable to be shown on these figures as they are identified as a risk but a specific location is unknown based on available information. For example, areas of fill including infilled farm dams could be present within the project footprint but their presence and location is currently unknown based on available desktop information.

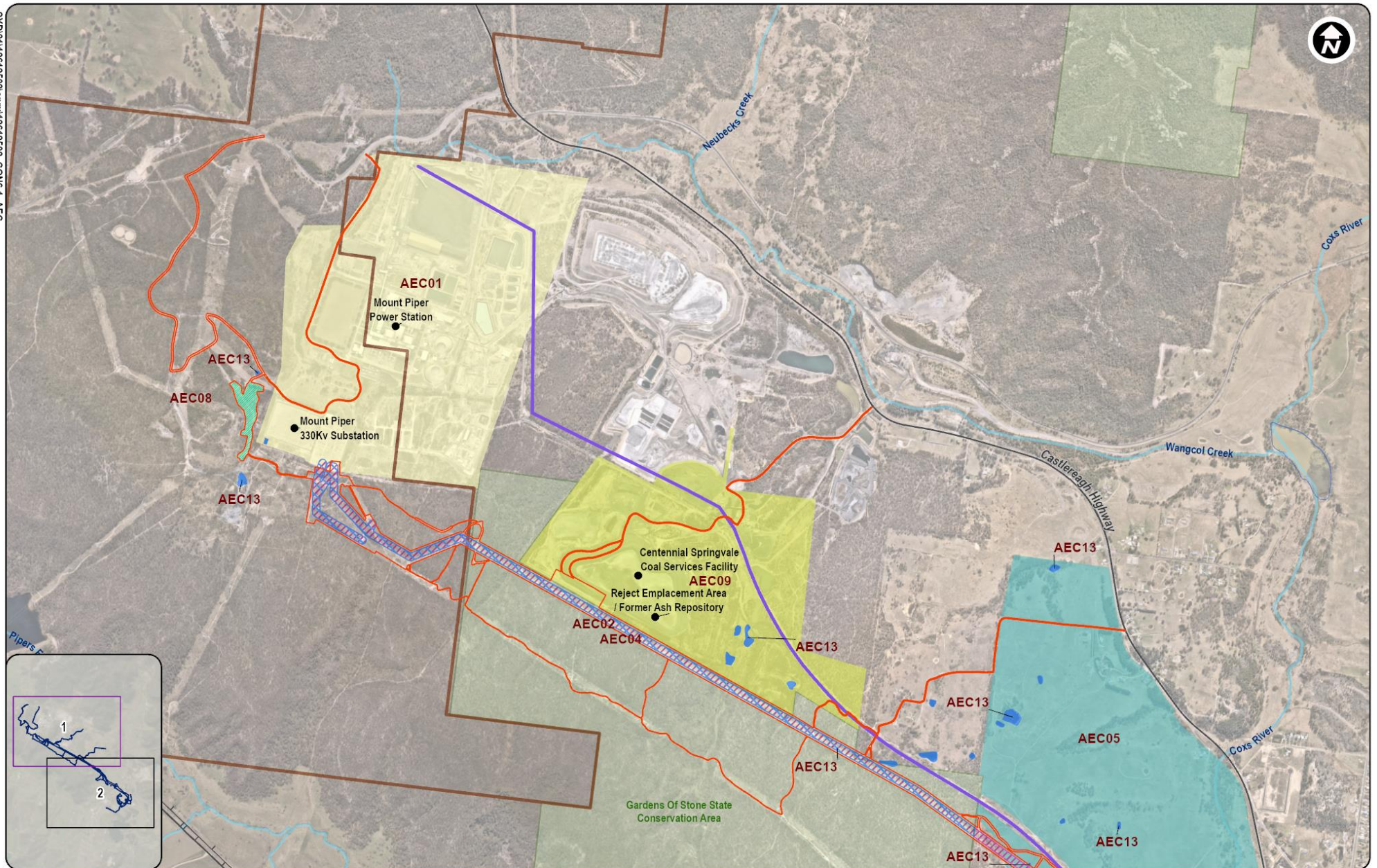
**Table 8.1** Areas of Environmental Concern related to the study area and project footprint

<b>AEC</b>	<b>Name</b>	<b>Nature</b>	<b>Location in relation to project footprint</b>	<b>COPCs</b>
AEC 01	Mount Piper 330 kV substation, Mount Piper Power Station and associated infrastructure	Use as a substation and power station, with associated infrastructure. e.g. water treatment plant, fuel storage, oily water containment system, transformers and insulation oils, storage and use of chemicals, fuels and oils	Within and outside	<ul style="list-style-type: none"> <li>– TRHs</li> <li>– BTEX</li> <li>– PAHs</li> <li>– Polychlorinated Biphenyl (PCBs)</li> <li>– Organochlorine pesticides (OCPs) and organophosphorus pesticides (OPPs)</li> <li>– Volatile organic compounds (VOCs)</li> <li>– Heavy Metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc</li> <li>– Asbestos</li> <li>– PFAS</li> <li>– Nutrients and pathogens (including nitrogen, nitrate, nitrite, phosphorous, ammonia, E-coli and faecal coliforms)</li> </ul>
AEC 02	Anthropogenic material / surficial rubbish	Rubbish / anthropogenic materials observed along current easement in Gardens of Stone SCA and possibly located along other areas of the proposed transmission line	Within	<ul style="list-style-type: none"> <li>– TRHs</li> <li>– PAHs</li> <li>– PCBs</li> <li>– OCPs and OPPs</li> <li>– Heavy Metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc</li> <li>– Asbestos</li> </ul>
AEC 03	Coal conveyor from Wallerawang to Mount Piper	Potential presence of fill material and coal residues associated with its construction (batters) and operation, i.e. leaks of oils associated with maintenance activities	Within and outside	<ul style="list-style-type: none"> <li>– TRHs</li> <li>– PAHs</li> <li>– OCPs and OPPs</li> <li>– Heavy Metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc</li> <li>– Asbestos</li> </ul>
AEC 04	Presence of fill material along easement (unknown origin, extent, quality and contents)	Potential for fill material of unknown origin, quality and contents to have been imported onto and within proximity to the proposed transmission line easement	Within and outside	<ul style="list-style-type: none"> <li>– TRHs</li> <li>– PAHs</li> <li>– OCPs and OPPs</li> <li>– Heavy Metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc</li> <li>– Asbestos</li> </ul>

AEC	Name	Nature	Location in relation to project footprint	COPCs
AEC 05	Agricultural land use, current and historical	Use of pesticides, herbicides and fertilisers, land clearance activities (earthworks)	Within and outside	<ul style="list-style-type: none"> <li>– OCPs and OPPs</li> <li>– Heavy Metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc.</li> <li>– Asbestos</li> <li>– Nutrients and pathogens (including nitrogen, nitrate, nitrite, phosphorous, ammonia, E-coli and faecal coliforms)</li> </ul>
AEC 06	Water storage tank, chemical storage	Storage of chemical products at water storage tank (i.e. sodium hypochlorite)	Within	<ul style="list-style-type: none"> <li>– Sodium hypochlorite</li> <li>– Heavy Metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc</li> </ul>
AEC 07	Main Western Railway Line to the south of Wallerawang Power Station	Use as a railway line and associated activities such as fuel and oil leaks, pesticide and herbicide application, importation of fill material	Within and outside	<ul style="list-style-type: none"> <li>– TRHs</li> <li>– PAHs</li> <li>– OCPs and OPPs</li> <li>– Heavy Metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc</li> <li>– Asbestos</li> </ul>
AEC 08	Former Ivanhoe Colliery and mining activities, Pipers Flat Road, Blackmans Flat (e.g. former landfills and former chitter dam, backfilling of open cut mines)	Activities associated with the Colliery and mining including former landfills (construction related), former chitter dam, backfilling of open cut mines, storage and use of chemicals, fuels and oils	Within and outside	<ul style="list-style-type: none"> <li>– TRHs</li> <li>– BTEX</li> <li>– PAHs</li> <li>– PCBs</li> <li>– OCPs and OPPs</li> <li>– VOCs</li> <li>– Heavy Metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc</li> <li>– Asbestos</li> <li>– PFAS</li> <li>– Nutrients and pathogens (including nitrogen, nitrate, nitrite, phosphorous, ammonia, E-coli and faecal coliforms)</li> <li>– Methane, carbon dioxide, hydrogen sulfide</li> </ul>
AEC 09	Rejects Emplacement Area / Lamberts South Ash Repository (LSAR), Mount Piper	Use of this location to store ash from power station operation including brine, acidic seepages, windblown dust, heavy metals	Outside	<ul style="list-style-type: none"> <li>– PAHs</li> <li>– Heavy Metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc</li> <li>– Nutrients</li> <li>– Brine</li> </ul>

AEC	Name	Nature	Location in relation to project footprint	COPCs
AEC 10	Former Wallerawang Power Station, Wallerawang	Water treatment plant, fuel storage, oily water containment system, transformers and insulation oils, drainage ponds / basins, infill of section of Coxs River (1980s)	Within and outside	<ul style="list-style-type: none"> <li>– TRHs</li> <li>– BTEX</li> <li>– PAHs</li> <li>– PCBs</li> <li>– OCPs and OPPs</li> <li>– VOCs</li> <li>– Heavy Metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc</li> <li>– Asbestos</li> <li>– PFAS</li> </ul>
AEC 11	Wallerawang 330 kV substation	Use of the site as a substation and associated infrastructure including oily water containment system, transformers and insulation oils, and containment system	Within and outside	<ul style="list-style-type: none"> <li>– TRHs</li> <li>– PAHs</li> <li>– PCBs</li> <li>– OCPs and OPPs</li> <li>– Heavy Metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc</li> <li>– Asbestos</li> <li>– PFAS</li> </ul>
AEC 12	Kerosene Vale Ash Repository, 110 Skelly Road, Lidsdale	Contamination of surface water, seepage water and groundwater with metals, metalloids, acidic seepage/drainage, salinity, sulfate, ammonia, fluoride and asbestos associated with the ash deposits and other wastes	Outside	<ul style="list-style-type: none"> <li>– TRHs</li> <li>– BTEX</li> <li>– PAHs</li> <li>– PCBs</li> <li>– OCPs and OPPs</li> <li>– VOCs</li> <li>– Heavy Metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc</li> </ul>
AEC 13	Farm dams (shown on Figure 8.2) and former farm dams (infilled, unknown location), located close to the proposed transmission line easement	Contamination associated with the sediments and water quality in active dams, and infill material used for former dams	Within and outside	<ul style="list-style-type: none"> <li>– OCPs and OPPs</li> <li>– Heavy Metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc</li> <li>– Nutrients and pathogens (including nitrogen, nitrate, nitrite, phosphorous, ammonia, E-coli and faecal coliforms)</li> </ul>

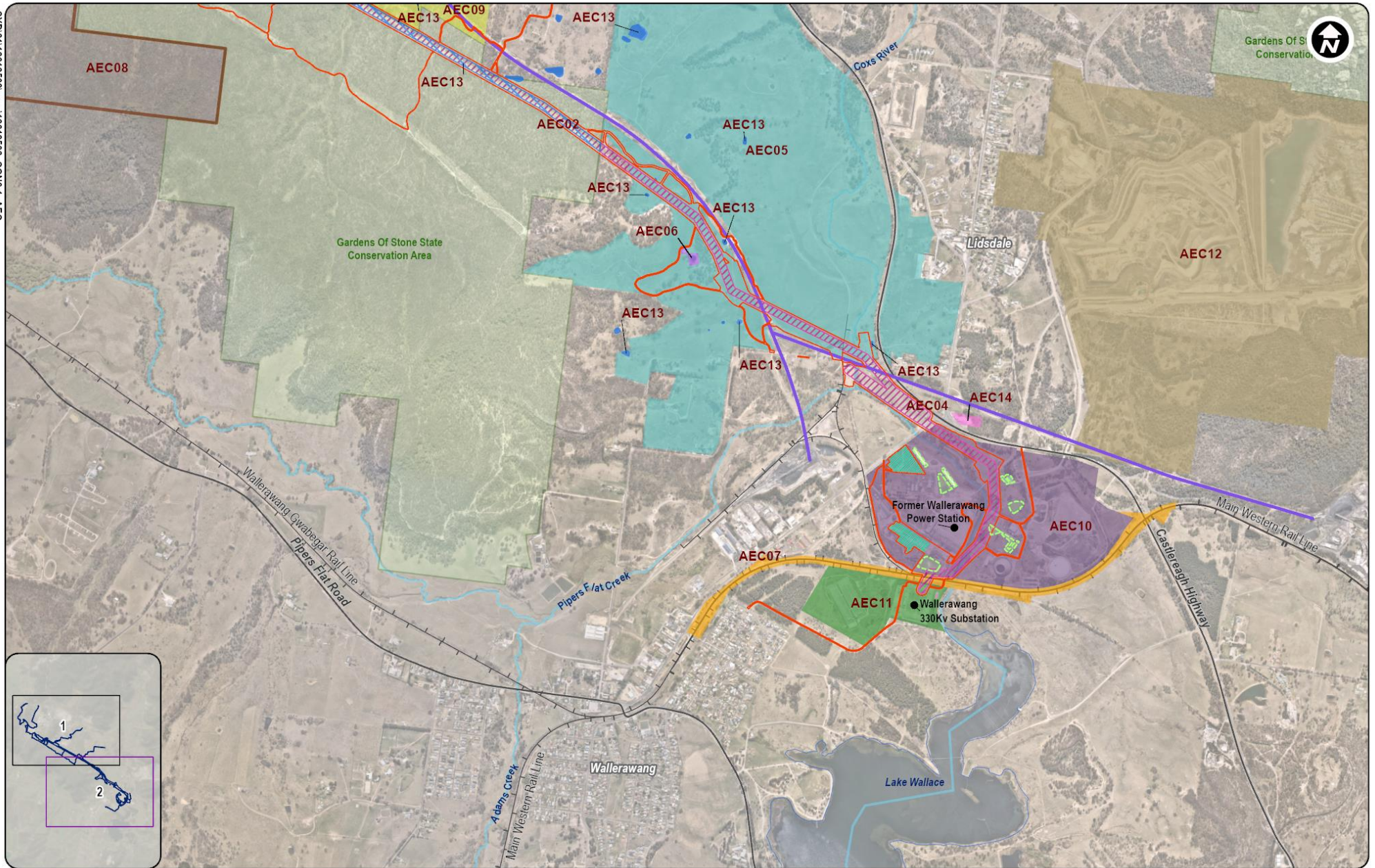
AEC	Name	Nature	Location in relation to project footprint	COPCs
AEC 14	Service station at Castlereagh Highway, 50 m to the north	Storage and use of petroleum products (underground and above ground tanks)	Outside	<ul style="list-style-type: none"> <li>- TRHs</li> <li>- BTEX</li> <li>- PAHs</li> <li>- VOCs</li> <li>- Heavy Metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc</li> </ul>



<p><b>Project components</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid orange; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Project footprint</li> <li><span style="background-color: #c8e6c9; border: 1px solid #81c784; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Construction compounds</li> </ul> <p><b>Existing environment</b></p> <ul style="list-style-type: none"> <li><span style="background-color: #e8f5e9; border: 1px solid #c5e1a5; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Gardens of Stone SCA</li> </ul>	<ul style="list-style-type: none"> <li><span style="border-bottom: 1px solid black; width: 20px; display: inline-block; margin-right: 5px;"></span> Roads</li> <li><span style="border-bottom: 1px dashed black; width: 20px; display: inline-block; margin-right: 5px;"></span> Railway</li> <li><span style="border-bottom: 1px solid blue; width: 20px; display: inline-block; margin-right: 5px;"></span> Watercourse</li> <li><span style="border-bottom: 2px solid purple; width: 20px; display: inline-block; margin-right: 5px;"></span> AEC03 - Coal conveyor</li> </ul>	<ul style="list-style-type: none"> <li><span style="background-color: #fff9c4; border: 1px solid #ccc; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> AEC01 - Mount Piper substation, Mount Piper power station and associated infrastructure</li> <li><span style="background-color: #e1bee7; border: 1px solid #ccc; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> AEC02 - Surficial rubbish along current easement</li> <li><span style="background-color: #ffe0b2; border: 1px solid #ccc; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> AEC04 - Presence of fill material along easement</li> <li><span style="background-color: #e0f2f1; border: 1px solid #ccc; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> AEC05 - Agricultural land use</li> <li><span style="border: 1px solid #ccc; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> AEC08 - Former Ivanhoe Colliery and mining activities, Pipers Flat Road, Blackmans Flat</li> <li><span style="background-color: #e8f5e9; border: 1px solid #ccc; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> AEC09 - Lambert South Ash Repository (LSAR)</li> <li><span style="background-color: #bbdefb; border: 1px solid #ccc; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> AEC13 - Farm dams at various located close to the proposed transmission line</li> </ul>	<p>Rev: A Date: 12/06/2025 1:25,000 @ A4</p> <p>0      500      1,000 Metres Grid: GDA2020 MGA Zone 56</p>
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**Figure 8.1**      **Areas of Environmental Concern – Map 1**

STD/21112612502.aprx/12612502\_CONS\_1\_AEC



<p><b>Project components</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid orange; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Project footprint</li> <li><span style="background-color: #90EE90; border: 1px solid green; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Construction compounds</li> <li><span style="background-color: #90EE90; border: 1px solid green; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Existing environment</li> <li><span style="background-color: #90EE90; border: 1px solid green; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Gardens of Stone SCA</li> <li><span style="border: 1px dashed green; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Drainage basins / water features</li> </ul>	<ul style="list-style-type: none"> <li><span style="border-bottom: 1px solid black; width: 15px; display: inline-block; margin-right: 5px;"></span> Roads</li> <li><span style="border-bottom: 1px solid black; width: 15px; display: inline-block; margin-right: 5px;"></span> Railway</li> <li><span style="border-bottom: 1px solid blue; width: 15px; display: inline-block; margin-right: 5px;"></span> Watercourse</li> <li><span style="border-bottom: 1px solid purple; width: 15px; display: inline-block; margin-right: 5px;"></span> AEC03 - Coal conveyor</li> </ul>	<ul style="list-style-type: none"> <li><span style="border: 1px dashed blue; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> AEC02 - Surficial rubbish along current easement</li> <li><span style="border: 1px dashed red; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> AEC04 - Presence of fill material along easement</li> <li><span style="background-color: #90EE90; border: 1px solid green; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> AEC05 - Agricultural land use</li> <li><span style="background-color: #90EE90; border: 1px solid green; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> AEC06 - Water storage tank and treatment chemicals</li> <li><span style="background-color: #90EE90; border: 1px solid green; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> AEC07 - Main Western Railway Line</li> <li><span style="border: 1px solid brown; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> AEC08 - Former Ivanhoe Colliery and mining activities, Pipers Flat Road, Blackmans Flat</li> <li><span style="background-color: #90EE90; border: 1px solid green; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> AEC11 - Wallerawang substation</li> <li><span style="background-color: #90EE90; border: 1px solid green; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> AEC12 - Kerosene Vale Ash, 110 Skelly Road, Lidsdale, NSW</li> <li><span style="background-color: #90EE90; border: 1px solid green; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> AEC13 - Farm dams at various located close to the proposed transmission line</li> <li><span style="background-color: #90EE90; border: 1px solid green; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> AEC14 - Service station</li> </ul>	<p>Rev: A Date: 12/06/2025 1:25,000 @ A4</p> <p style="text-align: right;">0      500      1,000</p> <p style="text-align: right;">Metres Grid: GDA2020 MGA Zone 56</p>
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Figure 8.2 Areas of Environmental Concern – Map 2

## 8.2 Potential exposure and migration pathways

The primary exposure pathways by which potential receptors could be exposed to the COPC as outlined in Table 8.1 are considered to be:

- ingestion / dermal contact with contaminated soil and/or water
- inhalation of contaminated dust, fibres from contaminated soil
- inhalation of vapours / gases generated from soil and/or groundwater contaminated by volatile and semi-volatile contaminants.

The potential migration pathways which the contaminants are likely to move through environmental media are considered to be:

- transport of contaminants by mechanical disturbance (e.g. earthworks, erosion, and sediment transport)
- leaching of contaminants through the soil profile to groundwater or surface water
- transport of contaminants via groundwater to surface water
- transport of contaminants by surface water runoff.

## 8.3 Potential receptors

The project would involve general earthworks to prepare the land for the project, the installation of electrical infrastructure, including excavations for new infrastructure as well as piling for deeper foundations (up to 18 m). An overview of the construction activities and methodology is provided in Table 1.1.

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

- construction personnel, other site users and site visitors in the project footprint during construction
- members of the public during construction activities across the study area
- maintenance personnel undertaking soil disturbance and earthworks in the project footprint, however it is expected that minor excavation activities would occur as part of maintenance activities
- ecological receptors (flora and fauna) on and surrounding the project footprint.

## 8.4 Potential source-pathway-receptor linkages

Based on the current information, potential source-pathway-receptors (SPR) linkages for on-site and off-site receptors are summarised in Table 8.2. The analysis of SPR linkages covers each area of environmental concern for the alignment and where they are likely to be complete.

The primary receptor for the project is the construction personnel, such as those working at excavations. These personnel would have an increased likelihood of exposure to contaminants through direct contact with soil. A secondary receptor would occur from construction activities, by example, disturbing contaminated soil and/or groundwater, which is not properly managed through mitigation measures. This could result in potential impacts to offsite personnel and offsite sensitive receptors (e.g. watercourses).

In some cases, a population (receptor) of interest has not been included as part of the SPR linkage assessment for individual potential sources, as receptors have been included where they are only considered relevant.

Table 8.2 indicates the likelihood of a potentially complete SPR linkage as either 'possible' or 'unlikely'. A list of the AECs that are assessed with a likelihood rating of a potentially complete SPR linkage is provided below.

Potential impacts are outlined in Table 8.2 and discussed further in section 9.

Table 8.2 Preliminary SPR linkages

AEC #	Source	Proposed construction activities	Pathway	Receptor(s)	Potential impact	Potentially complete SPR linkage?
AEC 01	Mount Piper 330 kV substation, Mount Piper Power Station and associated infrastructure.	Transmission structures (piling and dewatering) Construction benches for structures (earthworks)	Ingestion or dermal contact (soils and/or groundwater)	Construction personnel Future maintenance personnel Terrestrial flora and fauna	There is the potential for contamination to be present in the soil and/or groundwater associated with the operation of the substation and Mount Piper Power Station. In addition, there is the potential for contamination associated with the historical mining activities to be present in this area. COPCs commonly associated with substations include PCBs and hydrocarbons. Hazardous building materials (e.g. lead containing paint, asbestos) are often present on assets built pre 1990s. Other COPCs associated with the former Mount Piper Power Station include PAHs, solvents and PFAS and the disturbance of soils during construction has the potential to impact identified receptors if managed incorrectly. Depth to groundwater may be between 909.96 m AHD to 911.78 m AHD (Springvale Coal, 2024) (approximately 13 to 14 m bgl). The depth of the construction works is likely to vary from surface level to 5 m for excavations and up to 18 m for transmission structure locations. There is a risk that some of the construction works may intersect groundwater (if it exists) in proximity to the AEC. Risks to construction personnel is considered low and can be managed during construction.	<ul style="list-style-type: none"> <li>– Possible SPR linkage during construction without controls implemented, however, the risk to the identified receptors is generally considered low on the basis that construction works are likely to involve discrete locations rather than widespread bulk earthworks in this area.</li> <li>– Unlikely to be a complete SPR linkage to future maintenance personnel considering that PPE would be in use and works managed under a Transgrid’s operational procedures.</li> </ul>
			Inhalation of contaminated dust or fibres from contaminated soil	Construction personnel (including site visitors) Future maintenance personnel Members of the public	There may be asbestos present on the surface and in the soil which may present a risk to construction and future maintenance personnel, site visitors and the general public. Potential asbestos containing materials (PACM) were not observed during the site inspection in the vicinity of this AEC or along the easement. Possible presence of subsurface fill material and/or buried waste which may be encountered when undertaking earthworks, excavating trenches or constructing foundations. Disturbance of soils during construction has the potential to impact identified receptors if managed incorrectly.	<ul style="list-style-type: none"> <li>– Possible SPR linkage during construction without controls implemented. The risk to personnel is low considering that PPE would be in use and works managed under a construction environmental management plan (CEMP).</li> <li>– Unlikely to be a complete SPR linkage to future maintenance personnel considering that PPE would be in use and works managed under Transgrid’s operational procedures.</li> <li>– Unlikely to be a complete SPR linkage for site visitors and the general public considering that the implementation of the CEMP will mitigate the generation of dust during construction.</li> </ul>
			Inhalation of vapours / gases	Construction personnel Future maintenance personnel	Possible that both construction/ future maintenance personnel are at risk from subsurface gases originating from the former mining operations. Construction works are likely to be relatively shallow and there is no evidence that this contamination exists.	<ul style="list-style-type: none"> <li>– Unlikely to be a complete SPR linkage and the risk to personnel is considered low considering that PPE would be in use and works managed under a CEMP.</li> </ul>
AEC 02	Anthropogenic material / surficial rubbish	Transmission structures (piling and dewatering) Construction benches for transmission structures (earthworks)	Ingestion or dermal contact (soils and/or groundwater)	Construction personnel Future maintenance personnel Terrestrial flora and fauna	Observations made during site inspection indicate the presence of waste anthropogenic materials (i.e., general rubbish, whitegoods) along the easement. Possible presence of subsurface fill material and/or buried waste which may be encountered when undertaking earthworks, excavating trenches or constructing foundations. Disturbance of soils during construction has the potential to impact identified receptors if managed incorrectly.	<ul style="list-style-type: none"> <li>– Possible SPR linkage during construction without controls implemented. The risk to personnel is low considering that PPE would be in use and works managed under a CEMP.</li> <li>– Unlikely to be a complete SPR linkage to future maintenance personnel considering that PPE would be in use and works managed under Transgrid’s operational procedures.</li> </ul>
			Inhalation of contaminated dust or fibres from contaminated soil	Construction personnel (including site visitors) Future maintenance personnel Members of the public	There may be asbestos present on the surface and in the soil which may present a risk to construction and future maintenance personnel. PACM were not observed during the site inspection in the vicinity of this AEC. Possible presence of subsurface fill material and/or buried waste which may be encountered when undertaking earthworks, excavating trenches or constructing foundations. Disturbance of soils during construction has the potential to impact identified receptors if managed incorrectly.	<ul style="list-style-type: none"> <li>– Possible SPR linkage during construction without controls implemented. The risk to personnel is low considering that PPE would be in use and works managed under a CEMP.</li> <li>– Unlikely to be a complete SPR linkage to future maintenance personnel considering that PPE would be in use and works managed under Transgrid’s operational procedures.</li> <li>– Unlikely to be a complete SPR linkage for site visitors and the general public considering that the implementation of the CEMP will mitigate the generation of dust during construction.</li> </ul>

AEC #	Source	Proposed construction activities	Pathway	Receptor(s)	Potential impact	Potentially complete SPR linkage?
AEC 03	Coal conveyor from Wallerawang to Mount Piper	Transmission structures (piling and dewatering) Construction benches for transmission structures (earthworks)	Ingestion or dermal contact (soils and/or groundwater)	Construction personnel Future maintenance personnel Terrestrial flora and fauna	There is the potential for spills of coal and coal residues from the transfer of coal along the conveyor during operation. In addition, there is the potential presence of fill material of unknown quality and extent that were used to construct the batters along the conveyor.  Major filling was not evident from a review of aerial photographs and observations made during the site inspection though batters were observed at various locations along the conveyor.  Disturbance of soils during construction has the potential to impact identified receptors if managed incorrectly.	<ul style="list-style-type: none"> <li>– Possible SPR linkage during construction without controls implemented. The risk to personnel is low considering that PPE would be in use and works managed under a CEMP.</li> <li>– Unlikely to be a complete SPR linkage to future maintenance personnel considering that PPE would be in use and works managed under Transgrid's operational procedures.</li> </ul>
			Inhalation of contaminated dust or fibres from contaminated soil	Construction personnel (including site visitors) Future maintenance personnel Members of the public	There may be asbestos present on the surface and in the soil which may present a risk to construction and future maintenance personnel. PACM was not observed during the site inspection in the vicinity of this AEC.  Possible presence of subsurface fill material and/or buried waste which may be encountered when undertaking earthworks, excavating trenches or constructing foundations.  Disturbance of soils during construction has the potential to impact identified receptors if managed incorrectly.	<ul style="list-style-type: none"> <li>– Possible SPR linkage during construction without controls implemented. The risk to personnel is low considering that PPE would be in use and works managed under a CEMP.</li> <li>– Unlikely to be a complete SPR linkage to future maintenance personnel considering that PPE would be in use and works managed under Transgrid's operational procedures.</li> <li>– Unlikely to be a complete SPR linkage for site visitors and the general public considering that the implementation of the CEMP will mitigate the generation of dust during construction.</li> </ul>
AEC 04	Presence of fill material in project footprint (unknown origin, extent, quality and contents)	Transmission structures (piling and dewatering) Construction benches for transmission structures (earthworks)	Ingestion or dermal contact (soils and/or groundwater)	Construction personnel Future maintenance personnel Terrestrial flora and fauna	Potential for fill material to be present in the project footprint and disturbance of fill material during construction has the potential to impact identified receptors if managed incorrectly. Impact may occur due to mobilisation of contaminants onto adjacent soils via overland flow, and infiltration into underlying groundwater.  The depth of the construction works is likely to vary from surface level to 5 m for excavations and up to 18 m for transmission structure locations. There is a risk that some of the excavation works may intersect groundwater in proximity to the AEC which may be contaminated.  The risks to the identified receptors is considered low on the basis that construction works are likely to involve discrete locations rather than widespread bulk earthworks.	<ul style="list-style-type: none"> <li>– Possible SPR linkage during construction without controls implemented. The risk to personnel is low considering that PPE would be in use and works managed under a CEMP.</li> <li>– Unlikely to be a complete SPR linkage to future maintenance personnel considering that PPE would be in use and works managed under Transgrid's operational procedures.</li> </ul>
			Inhalation of contaminated dust or fibres from contaminated soil	Construction personnel (including site visitors) Future maintenance personnel Members of the public	There may be asbestos present on the surface and in the soil which may present a risk to construction and future maintenance personnel. PACM was not observed during the site inspection in the vicinity of this AEC.  Possible presence of subsurface fill material and/or buried waste which may be encountered when undertaking earthworks, excavating trenches or constructing foundations.  Disturbance of soils during construction has the potential to impact identified receptors if managed incorrectly.	<ul style="list-style-type: none"> <li>– Possible SPR linkage during construction without controls implemented. The risk to personnel is low considering that PPE would be in use and works managed under a CEMP.</li> <li>– Unlikely to be a complete SPR linkage to future maintenance personnel considering that PPE would be in use and works managed under Transgrid's operational procedures.</li> <li>– Unlikely to be a complete SPR linkage for site visitors and the general public considering that the implementation of the CEMP will mitigate the generation of dust during construction.</li> </ul>
AEC 05	Agricultural land use, current and historical use	Transmission structures (piling and dewatering) Construction benches for transmission structures (earthworks)	Ingestion or dermal contact (soils and/or groundwater)	Construction personnel Future maintenance personnel Terrestrial flora and fauna	Potential for pesticides/herbicides and associated heavy metals to be present in the soils of the agricultural land between Gardens of Stone SCA and the former Wallerawang Power Station.  Pesticides and/or herbicides, if used, are likely to be degraded and residual or trace levels may exist. Impact may occur due to mobilisation of contaminants onto adjacent soils via overland flow, and infiltration into underlying groundwater during land disturbance activities (excavation and piling).  Disturbance of soils during construction has the potential to impact identified receptors if managed incorrectly. The impact to flora and fauna is likely to be limited as disturbance of soils will be localised.	<ul style="list-style-type: none"> <li>– Unlikely to be a complete SPR linkage given that low volumes of pesticides/herbicides likely used and they are likely be degraded if present. Further, the risk to the construction personnel is considered low as PPE would be in use and works managed under a CEMP.</li> <li>– Unlikely to be a complete SPR linkage to future maintenance personnel considering that PPE would be in use and works managed under Transgrid's operational procedures.</li> </ul>

AEC #	Source	Proposed construction activities	Pathway	Receptor(s)	Potential impact	Potentially complete SPR linkage?
AEC 06	Water storage tank, chemical storage	Transmission structures (piling and dewatering) Construction benches for transmission structures (earthworks)	Ingestion or dermal contact (soils and/or groundwater)	Construction personnel Future maintenance personnel Terrestrial flora and fauna	This is located on (or within close proximity) to the proposed transmission line and at the time of the site inspection water treatment products (i.e., sodium hypochlorite) may have been stored here. This is unlikely to be a significant contamination risk as there was no evidence of spills or leaks at the time of the site inspection and the volumes potentially stored there are unlikely to be significant.	– Unlikely to be a complete SPR linkage as the project is unlikely to interact with this AEC.
			Inhalation of vapours / gases	Construction personnel Future maintenance personnel	There may be a risk from inhalation of sodium hypochlorite if spills and leaks occur during construction. The risk is considered low as significant volumes are unlikely to be stored here and the construction works are in the open, i.e. not enclosed or in confined spaces.	– Unlikely to be a complete SPR linkage as the project is unlikely to interact with this AEC.
AEC 07	Main Western Railway Line to the south of the Wallerawang Power Station	None anticipated in this AEC	Ingestion or dermal contact (soils and/or groundwater)	Construction personnel Future maintenance personnel Terrestrial flora and fauna	There is the potential for soil contamination to be present associated with historical and current railway activities. The likelihood of impact is low as the tracks are the only infrastructure present and occupy a small portion of the project footprint. If there is contaminated dust/particulates from deposition of airborne and/or overland flow originating from the railway line i.e., former coal fired trains, there may be a risk to receptors through direct contact. No construction works are proposed that would intersect the railway line and the risks from soil contamination in areas surrounding the railway line are considered low as PPE would be in use and works managed under a CEMP	– Unlikely to be a complete SPR linkage as the project is unlikely to interact with this AEC.
AEC 08	Former Ivanhoe Colliery and mining activities, Pipers Flat Road, Blackmans Flat (e.g., former landfills and former chitter dam, backfilling of open cut mines).	Construction compound/ laydown area	Ingestion or dermal contact (soils and/or groundwater)	Construction personnel Future maintenance personnel Terrestrial flora and fauna	This AEC is located to the west of the project with the potential for contamination to be present associated with historical mining activities and former landfills in this area (Ivanhoe mines). There is also the potential for buried waste and/or disposal to land of ash or waste from mining and/or the power station. This area has been identified as a construction compound and it is assumed that this will not involve significant soil disturbance. As such the risks to construction personnel and flora/fauna is considered low.	<ul style="list-style-type: none"> <li>– Unlikely to be a complete SPR linkage and the risk to personnel is low considering that PPE would be in use and works managed under a CEMP.</li> <li>– Unlikely to be a complete SPR linkage for future maintenance personnel as this is a construction compound and will not be used during operation.</li> <li>– Unlikely to be a complete SPR linkage for site visitors and the general public considering that the implementation of the CEMP will mitigate the generation of dust during construction.</li> </ul>
			Inhalation of contaminated dust or fibres from contaminated soil	Construction personnel (including site visitors) Future maintenance personnel Members of the public	There may be asbestos present on the surface and in the soil which may present a risk to construction and future maintenance personnel if they are working in this area. PACM was not observed on the surface during the site inspection and construction work may not be undertaken at or in close proximity to this AEC. Possible presence of subsurface fill material and/or buried waste which may be encountered when undertaking earthworks, excavating trenches or constructing foundations. Disturbance of soils during construction has the potential to impact identified receptors if managed incorrectly.	
			Inhalation of vapours / gases	Construction personnel Future maintenance personnel	Possible that both construction / future maintenance personnel are at risk from subsurface gases originating from the former mining operations, particularly if landfilling was undertaken historically (methane, carbon dioxide, hydrogen sulphide). Construction works are likely to be relatively shallow if site preparation is required to construct the compound. This risk may increase if earthworks are required as part of the proposed construction laydown and compound in this area.	

AEC #	Source	Proposed construction activities	Pathway	Receptor(s)	Potential impact	Potentially complete SPR linkage?
AEC 09	Rejects Emplacement Area / Lamberts South Ash Repository (LSAR), Mount Piper	None inside this AEC, but transmission structures, access roads and Construction benches for transmission structures (earthworks)	Ingestion or dermal contact (soils and/or groundwater)	Construction personnel Future maintenance personnel Terrestrial flora and fauna	Disposal location for ash generated during the use of Mount Piper Power Station for electricity generation. The batters for this disposal repository were observed to abut the northern boundary of the project footprint. The risk of impact from overland migration of ash is low as the AEC was situated at a lower elevation. There was no evidence of ash residues on the project footprint at the time of the site inspection, however, there is the potential for residues to be present in shallow soils due to wind-blown dust (historically). Disturbance of soils during construction has the potential to impact identified receptors if managed incorrectly. Depth to groundwater maybe between 909.96 m AHD to 911.78 m AHD (Springvale Coal, 2024) (approximately 13 to 14 m bgl). The depth of the construction works is likely to vary from surface level to 5 m for excavations and up to 18 m for transmission structure locations. There is a risk that some of the construction works may intersect groundwater (if it exists) in proximity to the AEC. Risks to construction personnel is considered low and can be managed during construction.	<ul style="list-style-type: none"> <li>– Possible SPR linkage during construction without controls implemented particularly for dewatering during piling activities. However, the risk to the identified receptors is generally considered low on the basis that construction works are likely to involve discrete locations rather than widespread bulk earthworks in this area.</li> <li>– Unlikely to be a complete SPR linkage to future maintenance personnel considering that PPE would be in use and works managed under Transgrid's operational procedures.</li> </ul>
			Inhalation of contaminated dust or fibres from contaminated soil	Construction personnel (including site visitors) Future maintenance personnel Members of the public	There may be a risk of ash migrating as wind-blown dust in periods of heavy winds that can be present in the soils and subsoils. There was no evidence of ash residues on the project footprint at the time of the site inspection. The impact to construction personnel is considered low on the basis that construction works and future maintenance activities are not extensive and likely to be limited temporally.	<ul style="list-style-type: none"> <li>– Unlikely to be a complete SPR linkage and the risk to construction personnel and future maintenance personnel is low considering that PPE would be in use and works managed under a CEMP or Transgrid's operational procedures.</li> <li>– Unlikely to be a complete SPR linkage for site visitors and the general public considering that the implementation of the CEMP will mitigate the generation of dust during construction.</li> </ul>
			Inhalation of vapours / gases	Construction personnel Future maintenance personnel	There is the possible presence of subsurface fill material and/or buried waste at this location, and in its vicinity, which may be encountered when undertaking earthworks, excavating trenches or constructing foundations. The contaminants associated with ash repositories are generally non-volatile, i.e. heavy metals and salts but undocumented buried waste may exist.	<ul style="list-style-type: none"> <li>– Unlikely to be a complete SPR linkage and the risk to construction personnel and future maintenance personnel is low considering that PPE would be in use and works managed under a CEMP or Transgrid's operational procedures. In addition, construction works here are likely to be at discrete locations and do not involve bulk earthworks.</li> </ul>
AEC 10	Former Wallerawang Power Station, Wallerawang	Transmission structures (piling and dewatering) Construction benches for transmission structures (earthworks) Construction compound/ laydown area	Ingestion or dermal contact (soils and/or groundwater)	Construction personnel Future maintenance personnel Terrestrial flora and fauna	There has been extensive construction works, progressive development and long term operation of the power station. There is the potential for contamination to be present in both the soils and groundwater. Disturbance of soils during construction has the potential to impact identified receptors if managed incorrectly. Impact may occur due to mobilisation of contaminants onto adjacent soils via overland flow, and infiltration into underlying groundwater which can impact identified receptors. There are several drainage basins and water features (of unknown use) in the project footprint and there is a possibility that contamination exists in the water and/or sediments (if present). It is not known if there is connectivity between the water in the drainage basins / water features and underlying groundwater. There is a risk that, if present, construction personnel may come into direct contact with contaminated groundwater during construction and dewatering activities. Groundwater monitoring data from the Lidsdale Siding, which is close by, is reported to be approximately 2.9 m bgl (Ivanhoe Coal, 2023), which is in range of the depth of proposed construction activities. The depth of the construction works is likely to vary from surface level to 5 m for excavations and up to 18 m for transmission structure locations. There is a risk that some of the construction works may intersect groundwater, however, risks are considered low and can be managed during construction.	<ul style="list-style-type: none"> <li>– Possible SPR linkage during construction without controls implemented particularly for dewatering during piling activities. The risk to personnel is low considering that PPE would be in use, the works would be managed under a CEMP. In addition, construction works are likely to involve discrete locations rather than widespread bulk earthworks.</li> <li>– Unlikely to be a complete SPR linkage to future maintenance personnel considering that PPE would be in use and works managed under Transgrid's operational procedures.</li> </ul>

AEC #	Source	Proposed construction activities	Pathway	Receptor(s)	Potential impact	Potentially complete SPR linkage?
			Inhalation of contaminated dust or fibres from contaminated soil	Construction personnel (including site visitors) Future maintenance personnel Members of the public	There may be asbestos present on the surface and in the soil which may present a risk to construction and future maintenance personnel. Asbestos was used in the building fabric and as part of the power station (confirmed in a CLMP prepared for this AEC, ((Liberty, 2021)). Demolition of transmission structures may have occurred which increases the risk of asbestos being present on the ground surface and in the soils.  It is possible that subsurface fill material and/or buried waste may be encountered when undertaking earthworks, excavating trenches or constructing foundations. Disturbance of soils during construction has the potential to impact identified receptors if managed incorrectly.  If construction works are going to involve bulk earthworks, the risks to construction personnel would increase.	<ul style="list-style-type: none"> <li>– Possible SPR linkage during construction without controls implemented, however, the risk to personnel is low considering that PPE would be in use and the works managed under a CEMP.</li> <li>– Unlikely to be a complete SPR linkage to future maintenance personnel considering that PPE would be in use and works managed under Transgrid's operational procedures.</li> <li>– Unlikely to be a complete SPR linkage for site visitors and the general public considering that the implementation of the CEMP will mitigate the generation of dust during construction.</li> </ul>
			Inhalation of vapours / gases	Construction personnel Future maintenance personnel	Possible that both construction / future maintenance personnel are at risk from subsurface gases originating from the power station operations, particularly if there is the storage and use of underground fuel tanks (BTEX, volatile hydrocarbons).  Construction works are likely to be relatively shallow and at discrete locations throughout this portion of the project footprint and the risk to personnel is considered low considering that PPE would be in use and works managed under a CEMP.	<ul style="list-style-type: none"> <li>– Possible SPR linkage during construction without controls implemented, however, the risk to personnel is low considering that PPE would be in use and the works managed under a CEMP.</li> <li>– Unlikely to be a complete SPR linkage to future maintenance personnel considering that PPE would be in use and works managed under Transgrid's operational procedures.</li> </ul>
AEC 11	Wallerawang 330 kV substation	None	Ingestion or dermal contact (soils and/or groundwater)	Construction personnel Future maintenance personnel Terrestrial flora and fauna	COPCs commonly associated with electrical substations include PCBs and hydrocarbons. Hazardous building materials (e.g. lead containing paint, asbestos) are often present on assets built pre 1990s.  Disturbance of soils during construction has the potential to impact identified receptors if managed incorrectly. Impact may occur due to mobilisation of contaminants onto adjacent soils via overland flow, and infiltration into underlying groundwater.  Site investigation data (DP, 2009) reports that depth groundwater ranges from 0.5 m to 4.8 m bgl and concentrations of contaminants in soil are low. Asbestos was not detected in soils sampled.  The risks to the identified receptors is considered low on the basis that construction works are likely to involve discrete locations rather than widespread bulk earthworks. The depth of the construction works is likely to vary from surface level to 5 m for excavations and up to 18 m for transmission structure locations. There is a risk that some of the excavation works may intersect groundwater in proximity to the AEC.	<ul style="list-style-type: none"> <li>– Possible SPR linkage during construction without controls implemented, however, the risk to personnel is low considering that PPE would be in use and the works managed under a CEMP.</li> <li>– Unlikely to be a complete SPR linkage to future maintenance personnel considering that PPE would be in use and works managed under Transgrid's operational procedures.</li> </ul>
AEC 12	Kerosene Vale Ash Repository, 110 Skelly Road, Lidsdale, NSW	None	Ingestion or dermal contact (soils and/or groundwater)	Construction personnel Future maintenance personnel Terrestrial flora and fauna	This is an ash repository with the disposal site(s) located approximately 900 m to the north-east of the project footprint. This premises is regulated by the NSW EPA for the presence of contamination in both surface water and groundwater.  Based on the distance from project footprint it is considered that there is a low likelihood that this contamination would impact the construction works and future site personnel / maintenance personnel.	<ul style="list-style-type: none"> <li>– Unlikely to be a complete SPR linkage for identified receptors.</li> </ul>
			Inhalation of vapours / gases	Construction personnel Future maintenance personnel	There may be a risk of impact to construction works through the disturbance of soils and intersection of shallow groundwater that may be contaminated from this AEC. The contamination is reported to be impacting surface water and groundwater and associated vapours, if they exist, are unlikely to migrate towards the project footprint given the distance.  It is considered that the risk of contamination originating from this premises and impacting the construction and operation of the project is low due to the distance from the project footprint.	<ul style="list-style-type: none"> <li>– Unlikely to be a complete SPR linkage for identified receptors.</li> </ul>

AEC #	Source	Proposed construction activities	Pathway	Receptor(s)	Potential impact	Potentially complete SPR linkage?
AEC 13	Farm dams and former farm dams (infilled, unknown location), various located close to the proposed transmission line.	Transmission structures (piling and dewatering) Construction benches for transmission structures (earthworks)	Ingestion or dermal contact (soils and/or groundwater)	Construction personnel Future maintenance personnel Terrestrial flora and fauna	<p>Dams were not observed within the project footprint during the site inspection. Several were observed in close proximity which are considered likely to be associated with agricultural activities in this area. COPCs commonly associated with farm dam sediments includes heavy metals, nutrients, herbicides and pesticides. There may be contaminants in the dam water and/or sediments (if these exist).</p> <p>There may also be historical dams that have been infilled which could contain uncontrolled fill and residual sediments that may be contaminated. Impact may occur due to disturbance of these and mobilisation of contaminants onto adjacent soils via overland flow, and infiltration into underlying groundwater.</p> <p>Disturbance of soils and/or sediments during construction has the potential to impact identified receptors if managed incorrectly. Risks may be present if construction personnel come into contact with fill materials used at former dams.</p> <p>If construction works are going to involve bulk earthworks risks to construction personnel would increase.</p> <p>If dewatering of dams has to occur to facilitate construction management of the water will be required to minimise impact to flora and fauna.</p>	<ul style="list-style-type: none"> <li>– Possible SPR linkage during construction without controls implemented. The risk to personnel is low considering that PPE would be in use and works managed under a CEMP.</li> <li>– Unlikely to be a complete SPR linkage for future maintenance personnel considering that PPE would be in use and works managed under Transgrid's operational procedures.</li> </ul>
AEC 14	Service station at Castlereagh Highway, 50 m to the north	None but poles and transmission, access roads and transmission structures (earthworks) within proximity	Ingestion or dermal contact (soils and/or groundwater)	Construction personnel Future maintenance personnel Terrestrial flora and fauna	<p>Possible presence of contamination in the shallow soils in the vicinity of the service station. There is a risk to construction personnel during excavation works in this area if they come into contact with potentially contaminated groundwater which may originate from AEC 14. The risk of direct contact is considered low during construction / intrusive works as the project footprint is located 50 m from the service station.</p> <p>There is a risk of secondary impacts to downgradient groundwater receptors if potentially contaminated groundwater is not managed appropriately during dewatering.</p> <p>It is considered that there is a low risk of secondary impacts to construction personnel during dewatering from potential contamination mobilised as a result of construction works as project would be managed under a CEMP where management of spoil and water would be included.</p>	<ul style="list-style-type: none"> <li>– Unlikely to be a complete SPR linkage for identified receptors.</li> </ul>
			Inhalation of vapours / gases	Construction personnel Future maintenance personnel	<p>There is a risk that the subsurface soils underlying the service station contain vapours originating from soil and/or groundwater contamination associated with the storage and use of petroleum fuels.</p> <p>If contamination is present, a preferential pathway maybe created by the construction works, however, the risks are considered low due to the distance from the project footprint and the proposed construction works will involve discrete locations.</p>	<ul style="list-style-type: none"> <li>– Unlikely to be a complete SPR linkage for identified receptors.</li> </ul>

# 9. Impact assessment

## 9.1 Construction phase

### 9.1.1 Potential impacts of contamination on the project

#### Overview

The preliminary CSM indicates that there is generally a low contamination risk. The majority of the SPR linkages are predicted to occur during construction and relate to impacts on the construction workforce due to potential contact with contaminated soil or water. The assessed impacts mainly relate to construction workforce exposure. This would be managed through the implementation of common PPE practices to minimise the risk from direct contact and ingestion of contaminants, e.g. waste materials at surface, asbestos in soil, organic contaminants in soil (e.g. PCBs) and potentially contaminated groundwater.

The potential impacts of soil and groundwater contamination on the project, inclusive of the project workforce, is detailed below.

#### Soil contamination

Construction activities, including excavation and earthworks (e.g. construction benches for transmission structures), vegetation clearing, stockpiling and vehicle movement would involve soil disturbance, potentially creating an exposure pathway through direct or indirect contact and/or risk of inhalation with the construction workforce. Without appropriate management measures, this interaction has the potential to cause harm to the human health for the construction personnel, sensitive receptors, and ecological resources such as terrestrial flora and fauna.

COPCs such as potential asbestos containing materials (PACM) would require management. PACM was not observed during the site inspection, although it is known to exist at AEC 10 and is likely to exist at other AECs. Rubbish dumped within the easement, such as that observed as general rubbish and whitegoods, could also indicate possible future occurrences of fly tipping that may potentially include asbestos and other fill material of unknown origin, quality and contents. Demolition activities at the former Wallerawang Power Station are likely to encounter asbestos containing materials which may be disposed/buried at this location. Any ground disturbance or excavation for establishing compound sites may interact with subsurface fill material or buried wastes of unknown quality.

The soils in the project footprint are mapped as low probability of encountering acid sulfate soils due to the project's elevation and/ or surface geology. Therefore, it is unlikely that acid sulfate soils would be encountered during construction. The risks of soil contamination within the project footprint are generally considered low based on the nature and scale of the construction works and the implementation of recommendation measures in section 10.

#### Groundwater contamination

The project may interact with groundwater when undertaking excavation associated with transmission structure foundation construction. The AECs relevant to potential groundwater contamination include Mount Piper Power Station and substation (AEC 01), the existing service station (AEC 14) and the former Wallerawang Power Station (AEC 10).

In the vicinity of the Mount Piper Power Station and 330 kV substation, the depth of construction works is likely to vary from surface level up to 5 m for construction benches and up to 18 m for piling at transmission structure locations. There is a risk that some of the construction works may intersect groundwater, recorded to be about 13 m bgl (Springvale Coal, 2024). Construction personnel may be exposed to potentially contaminated groundwater during excavation and dewatering in this location, however in general, the risk is considered low and can be managed during construction with the implementation of standard controls as part of the CEMP.

There are also risks of soil and/or groundwater contamination at the former Wallerawang Power Station site and the existing service station that may impact construction activities in this area. Construction activities would involve the installation of transmission structures at discrete locations. Groundwater depth based on monitoring data from the Lidsdale Siding is reported to be approximately 2.9 m bgl (Ivanhoe Coal, 2023) and site investigation data (DoP, 2009) indicates the groundwater depth around the Wallerawang 330 kV substation ranges from 0.5 m to 4.8 m bgl. These depths are within the range of proposed excavation and piling activities to be undertaken.

In the event that dewatering of excavations is required during construction, in particular the excavation of transmission structure foundations, groundwater quality would be determined to identify the appropriate management of dewatered groundwater. If contaminated, the groundwater would require management and/or offsite disposal in line with the groundwater dewatering procedure to be developed for the project.

## Unexpected contamination

Unexpected contamination may be encountered due to previously unknown heterogeneities in the subsurface, soil contamination not previously identified, or where methods or design changes result in an increased risk of encountering contaminated soils or groundwater within the project footprint. Unexpected contamination would be managed in accordance with an Unexpected Finds Protocol during construction. Contaminated soil and groundwater would require management or disposal as a waste to licenced facilities in accordance with the *NSW Waste Classification Guidelines 2014 Parts 1-4, Addendum 2016* and any applicable Resource Recovery Orders and Exemptions under the POEO Act.

### 9.1.2 Potential impacts of the project on contamination

Storage and use of various hazardous and dangerous goods during construction (e.g., fuels, paints, solvents, etc) may result in unintended leaks and spills which may contaminate the local environment and impact on terrestrial and aquatic flora and fauna, surrounding soils, groundwater and watercourses.

Management of excavated spoil would be undertaken in accordance with the construction soil and water management plan to be prepared as part of the CEMP for the project. to reduce the risk of erosion and sedimentation of local watercourses. These procedures would also reduce the risk of inadvertent transfer of contaminants to other parts of the project footprint in particular any transfer into the adjacent Gardens of Stone SCA.

The removal and disposal of existing transmission structures which could contain hazardous materials is considered to be low as transmission structures to be removed are understood to be free of such hazardous materials. Regardless, hazardous materials (if identified) would be managed to reduce the potential for contamination and ensure appropriate handling and waste disposal. In accordance with Australian Standard (AS 2601-2001) *The demolition of structures*, hazardous materials would be identified through a hazardous materials audit before the demolition of any structure and/or building, if information on materials is not already available.

During the construction phase, wastewater would be generated by construction personnel at construction compounds. This wastewater would be contained within portable amenity facilities, with wastewater removed and disposed of frequently as required by a licensed contractor. No impacts to the environment from wastewater is anticipated.

## 9.2 Operational phase

### 9.2.1 Potential impacts of contamination on the project

During operation of the project, there is unlikely to be soil disturbance and earthworks associated with routine maintenance activities and therefore impacts are not anticipated. If disturbance of the ground surface is required, these would be undertaken in accordance with Transgrid's existing operational procedures which would minimise the risk of exposure to and the impact from any contamination present.

## 9.2.2 Potential impacts of the project on contamination

During operation, there is potential for localised contamination of soils from accidental spills which would be addressed in accordance with Transgrid's existing environmental policies and EMS. This includes management of waste, soil erosion, spills and leaks and other associated operational aspects.

Spill containment equipment (such as bunded containers, mobile bunds, designated fill points and the provision of spill kits) are present at existing substations. Maintenance personnel would also have spill kits when accessing transmission lines for associated activities.

All wastes generated from maintenance activities would be stored, handled, and disposed of in accordance with the Waste Classification Guidelines (NSW EPA, 2014).

## 9.3 Cumulative impacts

Section 21.2 of the EIS outlines the assessment methodology for cumulative impacts including the methods for identifying what projects have been considered as part of the cumulative assessments for the project.

The following 10 within 20 kilometres of the project footprint were identified for consideration as part of the cumulative impact assessment and are shown in Figure 9.1:

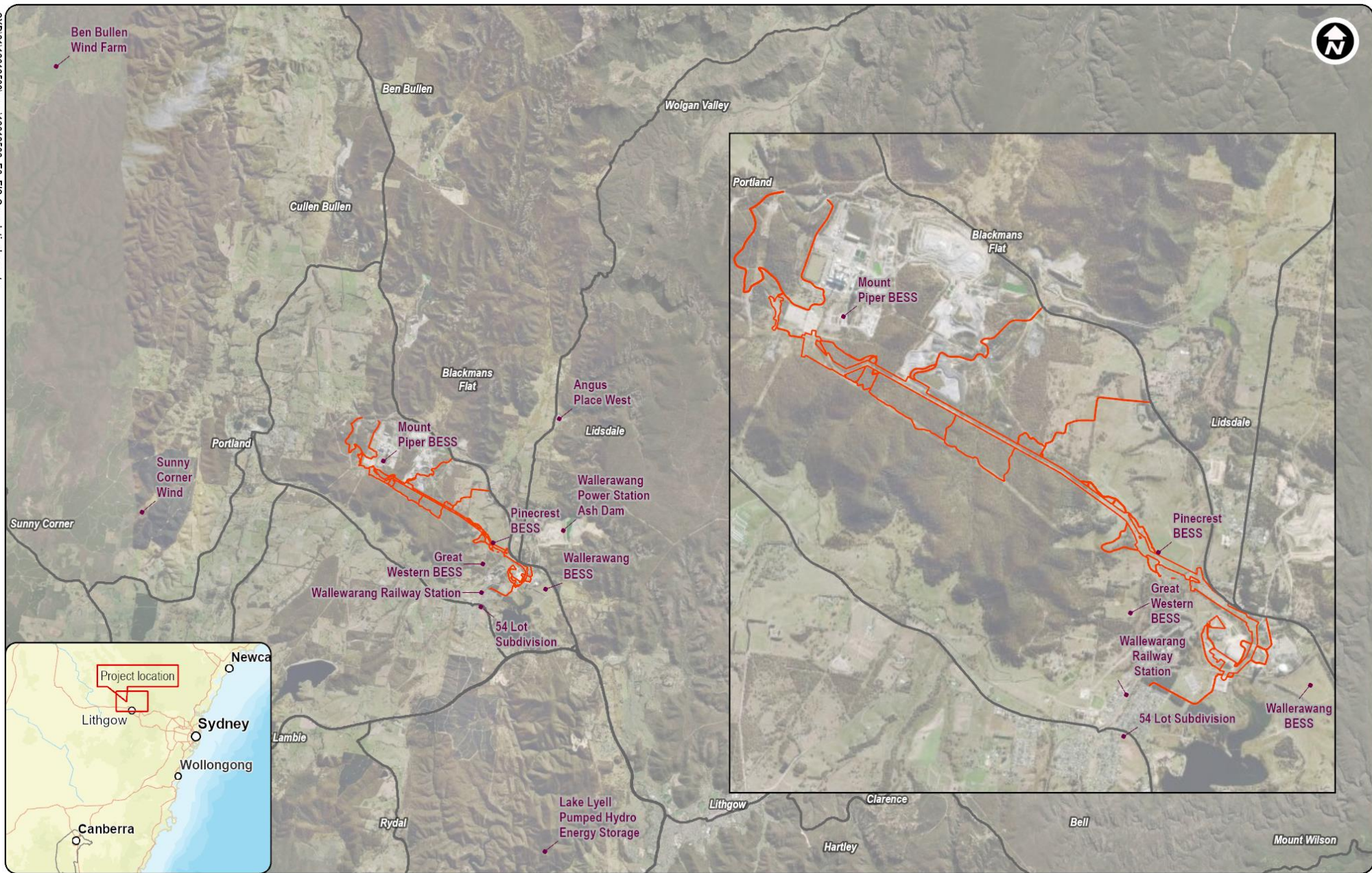
- Wallerawang BESS
- Mount Piper BESS
- Great Western BESS
- Pinecrest BESS
- Lake Lyell Pumped Hydro Energy Storage
- Ben Bullen Wind Farm
- Sunny Corner Wind Farm
- Wallerawang Power Station – Mod 2 – Extension of Capping Transportation
- Residential subdivision (DA226/22)
- Wallerawang Station upgrades.

Table 9.1 outlines the potential cumulative impacts relevant to each assessment.

The contamination assessment has noted that the project is of low risk of interacting with existing contamination within or adjacent to the project footprint. Most nearby major projects are not expected to require the management of a significant amount of contaminants and most of these projects are at a distance over which contaminant transport to the project footprint would not be expected. The project's contribution to cumulative impacts, if any, would be low as the nature of the project and the construction and operation works required have a low risk of exacerbating any existing contamination and exposure risks to project personnel and to the public.

Where multiple projects are present in the area and requiring disposal of contaminated waste, this has the potential to put a strain on local waste facilities where contaminated waste can be disposed of.

Provided that the identified contamination risks assessed in this report are managed in accordance with the mitigation measures, the project is unlikely to generate cumulative impacts with other projects.



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Kilometres  
Grid: GDA2020 MGA Zone 56

Figure 9.1 Projects considered in cumulative assessment

**Table 9.1** Potential cumulative impacts of relevant future projects

Relevant future project	Scope	Approximate location	Status/timeframe/ operational period	Potential for cumulative impact
Wallerawang BESS	Design changes to optimise the layout of the approved Wallerawang BESS (500 MW and 1,000 MWh of battery storage capacity)	500 m east of the project footprint	Approved 4/8/2022 Current modification at response to submissions stages Construction period of 1 to 2 years, expected to commence from 2025, construction does not appear to have commenced Operational period unchanged	Given the distance from the project footprint, there is not expected to be cumulative impacts.
Mount Piper BESS	Development of a grid-scale BESS with a capacity of up to 500 MW	Immediately north of the project footprint	Approved 15/11/2024 Construction period of 18-24 months expected to commence from mid-2026 at the earliest Potentially operational by 2027/2028 and would operate for about 20 years	The EIS (Aurecon, 2024) indicates that the risk of contamination at the BESS facility is low as concentrations of COPCs were below adopted assessment criteria for the protection of human health. There were exceedances of ecological based criteria on soils at the BESS facility. There may be a risk to the project from contaminants mobilising from the BESS facility to the project footprint, however, the impacts are readily managed through approved mitigation and management measures. Based on this there is not expected to be cumulative impacts
Great Western BESS	Development of a 500 MW / 1,000 MWh BESS and associated infrastructure	300 m west of the project footprint	Approved 2/11/2023 Project has not yet commenced construction and construction start date is not known however is expected to occur over 12-14 months The BESS is intended to have an operational life of up to 20 years	The EIS (AECOM 2022) reported that the site is unlikely to be contaminated but parts of the transmission line easement may contain contaminated soils. Disturbance of soils and dewatering (if required) is likely to be managed under a CEMP. The footprint of the BESS works is not extensive and does not intersect with the project. During the operation of the BESS project, the risks were considered low subject to the implementation of mitigation measures. Based on this, there is unlikely to be cumulative impact associated with this project.

Relevant future project	Scope	Approximate location	Status/timeframe/ operational period	Potential for cumulative impact
Pinecrest BESS	Development of 500 MW battery storage capacity and 1,000 MWh of storage with (2-hour duration) connecting to the grid via underground cabling	Layout shown in scoping report is located within project footprint, with Transgrid undertaking ongoing consultation with Banpu Energy regarding positioning of the site.	Scoping report prepared with SEARs not yet issued EIS is expected to be submitted in early 2026 Construction period of 18 months commencing in late 2026 if approved. Operations proposed to start in 2028	Limited information and that the land is currently used for agricultural purposes means the site is unlikely to be contaminated.
Pinecrest BESS	Development of 500 MW battery storage capacity and 1,000 MWh of storage with (2-hour duration) connecting to the grid via underground cabling	Layout shown in scoping report is located within project footprint, with Transgrid undertaking ongoing consultation with Banpu Energy regarding positioning of the site.	Scoping report prepared with SEARs not yet issued EIS is expected to be submitted in early 2026 Construction period of 18 months commencing in late 2026 if approved. Operations proposed to start in 2028	Given the distance from the project footprint, there is not expected to be cumulative impacts.
Ben Bullen Wind Farm	Construction of approximately 64 wind turbine generators, a BESS and ancillary infrastructure	20 km north-west of the project footprint	EIS in preparation Construction in 2028 for 18-24 months Operational life of 35 years+	Given the distance from the project footprint, there is not expected to be cumulative impacts.
Sunny Corner Wind Farm	Construction of approximately 80 wind turbine generators, a BESS and ancillary infrastructure	6 km west of the project footprint	EIS in preparation Construction in 2030 for 36 months Operational life of 30 years	Given the distance from the project footprint, there is not expected to be cumulative impacts.
Wallerawang Power Station Ash Dam	Use of part of the lands lying north of the Castlereagh Highway that were once used by the former Wallerawang Power Station as coal ash dam repositories	Immediately north of the project footprint	Approved 13/10/2023 The modification proposes an additional ten years for the importation of capping material	Given the distance from the project footprint of the actual works associated with MOD 2 (north of Castlereagh Highway), there is not expected to be cumulative impacts. In addition, this location is included in the preliminary CSM as AEC 12.
Wallerawang residential subdivision (DA226/22)	Torrens Subdivision – Lot into 54 Residential Allotments, 4 New Roads, 2 lots for drainage and public reserve Allotment	19 Barton Avenue Wallerawang 2 km south-west of the project footprint	Currently being re-exhibited till 13 June 2025	Given the distance from the project footprint, there is not expected to be cumulative impacts.

Relevant future project	Scope	Approximate location	Status/timeframe/ operational period	Potential for cumulative impact
Wallerawang Railway Station upgrade	Works to upgrade the existing station, closed in 1989, so that passenger services can be restated.	850 m southwest of project footprint	<p>Project has been announced on Transport for NSW website</p> <p>Early enabling works will be carried out from March to August 2025</p> <p>Once the design is finalised, construction will commence later in 2025, with re-opening of the station planned for late 2026</p>	Given the distance from the project footprint, there is not expected to be cumulative impacts.

# 10. Mitigation and management measures

Mitigation measures proposed to avoid or minimise contamination risks and potential impacts on the environment are listed in Table 10.1. These mitigation measures will be included in the Construction Soil and Water Management Sub-Plan, which will form a component of the CEMP.

Table 10.1 Mitigation measures

Impact	Mitigation measure	Timing
Soil and groundwater contamination	<p>Disturbance to AECs identified as having a potentially complete source-pathway-receptor linkage in the Contamination Assessment, will be managed in accordance with a SWMP that will include:</p> <ul style="list-style-type: none"> <li>– procedures for dewatering, specifying capture, storage, and testing requirements</li> <li>– measures to minimise exposure and migration of potentially contaminated soil, including handling and storage procedures</li> <li>– relevant HSE requirements, including staff inductions and PPE to minimise the risk of dermal contact and inhalation</li> <li>– requirements for soil testing of excavated soils in accordance with EPA’s waste classification guidelines and NEPM (2013), to identify opportunities for onsite reuse or offsite disposal (e.g. contaminated material) at licenced facility</li> <li>– contaminated groundwater will not be released to the surrounding environment and will be disposed of at a licenced facility.</li> </ul> <p>In AECs with potentially complete source-pathway-receptor linkages, ground disturbance will be minimised to the extent practicable and construction staged with progressive rehabilitation to minimise the amount of disturbed land at any one time.</p>	Detailed design Construction Operation
Soil contamination – compound sites	<p>At the construction compound sites, the avoidance and minimisation of ground disturbance will consider the importation and placement of engineering fill, Excavated Natural Materials (ENM) or Virgin Excavated Natural Materials (VENM) as a construction base to avoid disturbance of potentially contaminated soils in these areas.</p> <p>If excavation and earthworks is required, the contamination status of the surface soils will be assessed and management, if necessary, will be undertaken in accordance with procedures detailed in the CEMP.</p>	Construction
Soil and groundwater contamination	<p>The CEMP will include an adaptive management approach to reduce human health risk and environment risk. The approach will respond to soil contamination test results and if additional contamination-related information becomes available, for example contamination reports relating to AEC 10, which may inform the need for further assessment and additional management measures in accordance with:</p> <ul style="list-style-type: none"> <li>– the Assessment of Site Contamination (NEPC 2013)</li> <li>– the Waste Classification Guidelines (NSW EPA 2014).</li> </ul> <p>Any remediation of the construction work area as a result of accidental spills or encountering contaminated materials, will be undertaken based on a site specific Remedial Action Plan (RAP). The RAP will define remedial goals and objectives, performance criteria for remedial effort and remediation methodology.</p> <p>A validation report will be prepared after remedial effort and be in accordance with the NSW EPA Guidelines for Consultants Reporting on Contaminated Land (NSW EPA, 2020b).</p>	Construction
Hazardous materials audit	<p>Prior to the demolition of any structure and/or building, including transmission structures, a hazardous materials audit would be undertaken in accordance with Australian Standard AS 2601-2001: <i>The demolition of structures</i>, if information on materials is not already available.</p>	Detailed design Construction

Impact	Mitigation measure	Timing
Storage and handling of hazardous substances	<p>Chemicals, fuels, oils or other hazardous substances will be stored, handled and used in accordance with relevant legislation, Australian Standards and other applicable guidelines, including Transgrid procedures.</p> <p>A spill response procedure will be developed and implemented as part of the SWMP. Spill kits will contain materials suitable for the work being undertaken. Spill kits will be easily accessible and available. All onsite construction and maintenance personnel will be inducted in spill response procedures.</p>	Pre-construction Construction Operation
Unexpected contamination	The discovery of any unexpected contamination during construction will be managed in accordance with an Unexpected Contaminants Finds Protocol which will be prepared as part of the SWMP prior to construction.	Construction
Acid sulfate soils	Prior to ground disturbance in areas of potential acid sulfate soil or rock occurrence, testing will be carried out to determine the presence of actual and/or potential acid sulfate soils or rocks. If acid sulfate soils or rocks are encountered, they will be managed in accordance with the Acid Sulfate Soil Manual (ASSMAC, 1998) and Transgrid's Health, Safety and Environment Guideline.	Construction

# 11. Conclusion

This report assesses the impacts of potential contamination and soil disturbance during construction and operation of the project. The contamination assessment has included a desktop review of available information and public databases, site inspection, consolidation and interpretation of the data to identify potential Areas of Environmental Concern (AECs) within the study area and recommendations for mitigation measures relating to contamination.

The outcomes of the PSI have identified some potential sources of contamination within the project footprint. The risk from these sources is considered generally low and unlikely to impact the construction or operation of the project, however, there are locations with an increased risk of contamination being present in soils and/or groundwater. Based on the current information, it is unlikely that significant or widespread contamination is present on the project footprint as a result of historical and/or current land use activities.

A preliminary conceptual site model (CSM) was developed to assist with the identification of potential contamination risks associated with the identified AECs. A number of possible source-pathway-receptor (SPR) linkages were identified for the following AECs:

- AEC 01: Mount Piper 330 kV substation (including operation of former mines in this area and the Mount Piper Power Station and associated infrastructure)
- AEC 02: Surficial rubbish and fill material observed along current easement through the Gardens of Stone SCA
- AEC 03: Coal conveyor, potential presence of fill material and coal residues associated with the transfer of coal from Wallerawang to Mount Piper
- AEC 04: The potential presence of fill material along easement (unknown origin, extent, quality and contents)
- AEC 10: Former Wallerawang Power Station – past operation of the former power station and associated infrastructure
- AEC 11: Wallerawang 330 kV substation – operation of the substation and associated infrastructure
- AEC 13: Farm dams.

The majority of the SPR linkages relate to the potential impacts and risks to the project's construction workforce through direct contact and ingestion of contaminants in soil and/or groundwater. These risks are considered to be low with the implementation of mitigations measures. During operation, this risk of exposure to contaminants is considered to be negligible with any maintenance activities having a very low likelihood of direct contact and/or inhalation of dust/fibres from contaminated soil or groundwater due to minimal soil disturbance and earthworks required for these activities.

The majority of the assessed potential impacts to the construction workforce can be managed through the implementation of common PPE practices which would minimise the risk from direct contact and ingestion of contaminants, e.g. waste materials at surface, asbestos in soil, organic contaminants in soil (e.g. PCBs) and potentially contaminated groundwater. Further measures such as an Unexpected Finds Protocol (UFP) would protect construction and maintenance personnel against any unknown areas of contamination.

The Construction Environmental Management Plan (CEMP) will include an adaptive management approach to reduce the risk to human health and the environment. The approach will respond to soil and groundwater contamination analytical results and other additional information, which may inform the need for further assessment and investigations in accordance with relevant guidelines.

Mitigation measures to address contamination will be included into the Construction Soil and Water Management Sub-Plan, which will form a component of the CEMP.

## 12. References

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# **Appendix A**

**Affected Lot and Deposited Plans**

<b>Lot and DP's within the project footprint</b>	C/DP394440	375/DP751651	1/DP88503
	32/DP827807	385/DP751651	2/DP1256036
	D/DP394440	2/DP567915	502/DP825541
	100/DP1043966	101/DP1137972	103/DP1164619
	4/DP1087684	16/DP751651	101/DP1164619
	171/DP1131952	5/DP1244030	102/DP1164619
	1/DP1131955	6/DP1244030	1115/DP1204803
	171/DP1131959	7/DP1244030	1/DP567915
	3/DP1087684	8/DP1244030	9/DP252472
	2/DP1131955	174/DP751651	5/DP1087684
	11/DP1139978	2/DP596248	1/DP108089
	371/DP751651	400/DP751651	91/DP1043967
	370/DP751651	3/DP1244030	2/DP1092737
	1/DP1151441	1/DP1244030	3/DP1092737
	162/DP751638	102/DP1240974	101/1043966
	108/DP751638	2/DP126483	363/DP740604
	165/DP751638	13/DP751651	3/DP1181412
	166/DP751638		

# Appendix B

Lotsearch report



# LOTSEARCH

LOTSEARCH ENVIRO LITE

**Date: 03 Oct 2024 16:42:26**

**Reference: LS057593 EL**

**Address: Wallerawang, NSW 2845**

Disclaimer:

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

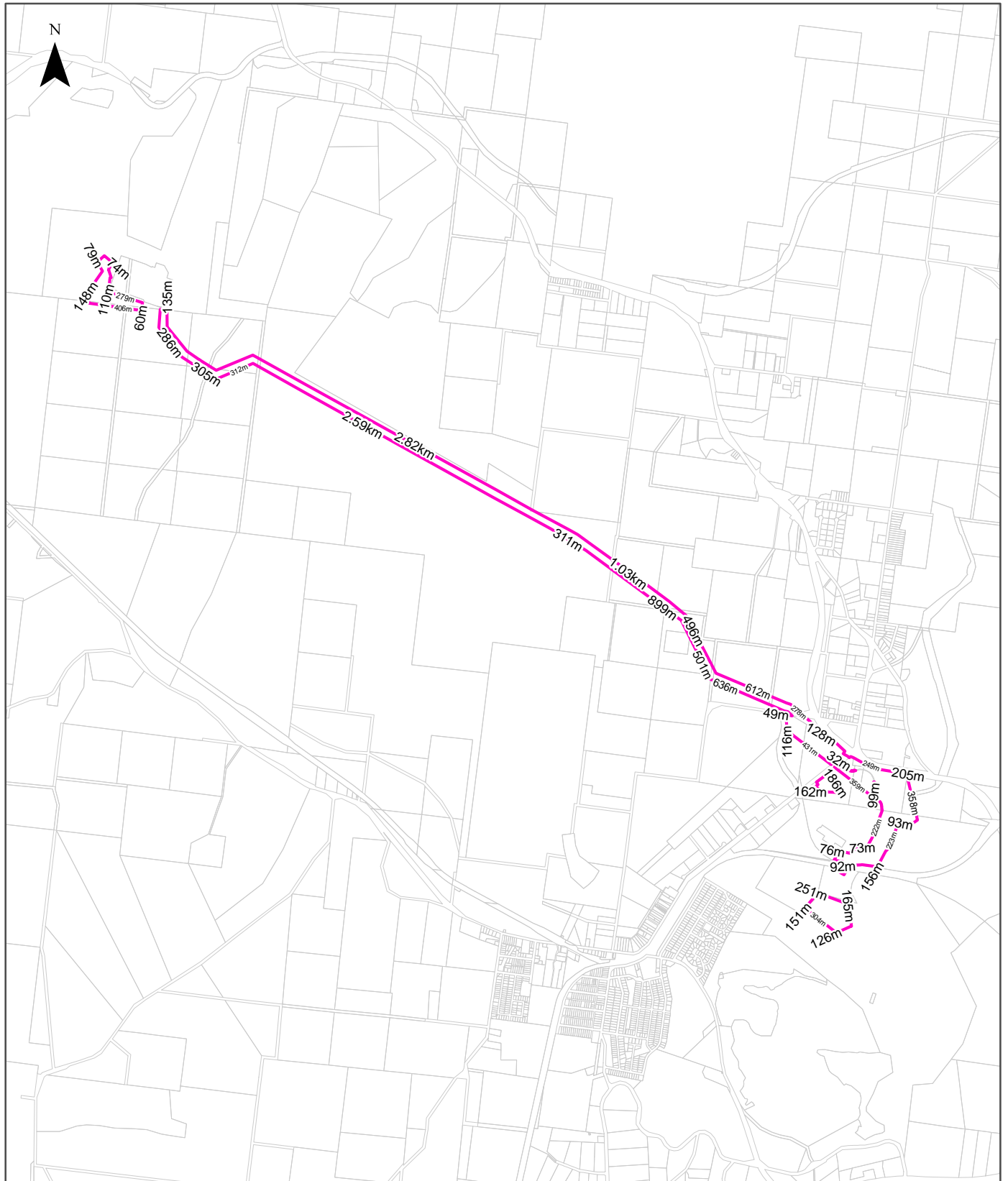
## Dataset Listing

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

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	NSW Department of Customer Service - Spatial Services	24/07/2024	24/07/2024	Quarterly	-	-	-	-
Topographic Data	NSW Department of Customer Service - Spatial Services	21/05/2024	21/05/2024	Annually	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority NSW	02/09/2024	13/08/2024	Monthly	1500m	2	4	9
Contaminated Land Records of Notice	Environment Protection Authority NSW	02/09/2024	02/09/2024	Monthly	1500m	0	0	1
Former Gasworks	Environment Protection Authority NSW	06/08/2024	14/07/2021	Quarterly	1500m	0	0	0
Notices under the POEO Act 1997	Environment Protection Authority NSW	03/09/2024	03/09/2024	Monthly	1500m	2	2	5
National Waste Management Facilities Database	Geoscience Australia	29/04/2024	29/11/2022	Annually	1500m	0	0	1
National Liquid Fuel Facilities	Geoscience Australia	20/09/2023	07/09/2020	Annually	1500m	0	1	2
EPA PFAS Investigation Program	Environment Protection Authority NSW	24/09/2024	14/06/2024	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Investigation Sites	Australian Department of Defence	24/09/2024	24/09/2024	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Management Sites	Australian Department of Defence	24/09/2024	24/09/2024	Monthly	2000m	0	0	0
Airservices Australia National PFAS Management Program	Airservices Australia	24/09/2024	24/09/2024	Monthly	2000m	0	0	0
Defence Controlled Areas	Australian Department of Defence	17/07/2024	17/07/2024	Quarterly	2000m	0	0	0
Defence 3 Year Regional Contamination Investigation Program	Australian Department of Defence	05/08/2024	02/09/2022	Quarterly	2000m	0	0	0
National Unexploded Ordnance (UXO)	Australian Department of Defence	17/07/2024	17/07/2024	Quarterly	2000m	0	0	0
EPA Other Sites with Contamination Issues	Environment Protection Authority NSW	13/11/2023	15/12/2022	Annually	1500m	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority NSW	26/08/2024	26/08/2024	Monthly	1500m	10	11	17
Delicensed POEO Activities still regulated by the EPA	Environment Protection Authority NSW	26/08/2024	26/08/2024	Monthly	1500m	0	0	0
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority NSW	26/08/2024	26/08/2024	Monthly	1500m	3	3	7
UBD Business Directories (Premise & Intersection Matches)	Hardie Grant			Not required	150m	0	0	0
UBD Business Directories (Road & Area Matches)	Hardie Grant			Not required	150m	-	77	77
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	500m	0	0	0
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	500m	-	7	7
Points of Interest	NSW Department of Customer Service - Spatial Services	18/07/2024	18/07/2024	Quarterly	1500m	0	1	40
Tanks (Areas)	NSW Department of Customer Service - Spatial Services	18/07/2024	18/07/2024	Quarterly	1500m	0	2	5
Tanks (Points)	NSW Department of Customer Service - Spatial Services	18/07/2024	18/07/2024	Quarterly	1500m	0	1	7
Major Easements	NSW Department of Customer Service - Spatial Services	09/08/2024	09/08/2024	Quarterly	1500m	11	14	25
State Forest	Forestry Corporation of NSW	12/12/2023	11/12/2023	Annually	1500m	0	1	1
Hydrogeology Map of Australia	Geoscience Australia	17/04/2024	19/08/2019	Annually	1500m	1	1	1

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018	NSW Department of Climate Change, Energy, the Environment and Water	28/05/2024	23/02/2018	Quarterly	1500m	0	0	0
National Groundwater Information System (NGIS) Boreholes	Bureau of Meteorology; Water NSW	28/05/2024	20/06/2023	Annually	2000m	0	3	79
NSW Seamless Geology Single Layer: Rock Units	NSW Department of Primary Industries and Regional Development	17/05/2024	01/05/2024	Annually	1500m	7	7	10
NSW Seamless Geology Single Layer: Geological Boundaries and Faults	NSW Department of Primary Industries and Regional Development	17/05/2024	01/05/2024	Annually	1500m	1	1	14
NSW Seamless Geology Single Layer: Trendlines	NSW Department of Primary Industries and Regional Development	17/05/2024	01/05/2024	Annually	1500m	0	0	0
NSW Seamless Geology Single Layer: Fold Axes	NSW Department of Primary Industries and Regional Development	17/05/2024	01/05/2024	Annually	1500m	0	0	0
Naturally Occurring Asbestos Potential	NSW Department of Regional NSW	26/04/2024	14/03/2024	Annually	1500m	0	0	0
Atlas of Australian Soils	Australian Bureau of Agriculture and Resource Economics and Sciences (ABARES)	12/01/2024	17/02/2011	Annually	1500m	1	1	3
Soil Landscapes of Central and Eastern NSW	NSW Department of Climate Change, Energy, the Environment and Water	12/12/2023	27/07/2020	Annually	1500m	6	6	7
Environmental Planning Instrument Acid Sulfate Soils	NSW Department of Planning, Housing and Infrastructure	13/09/2024	16/08/2024	Monthly	1500m	0	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	12/01/2024	21/02/2013	Annually	1500m	1	2	3
Dryland Salinity - National Assessment	Australian Bureau of Agricultural and Resource Economics and Sciences	03/06/2024	24/05/2024	Annually	1500m	0	0	0
Mining Subsidence Districts	NSW Department of Customer Service	06/08/2024	06/08/2024	Quarterly	1500m	0	0	0
Current Mining Titles	NSW Department of Regional NSW	26/08/2024	26/08/2024	Monthly	1500m	3	4	13
Mining Title Applications	NSW Department of Regional NSW	26/08/2024	26/08/2024	Monthly	1500m	0	0	0
Historic Mining Titles	NSW Department of Regional NSW	26/08/2024	26/08/2024	Monthly	1500m	6	6	19
Environmental Planning Instrument SEPP State Significant Precincts	NSW Department of Planning, Housing and Infrastructure	13/09/2024	08/09/2023	Monthly	1500m	0	0	0
Environmental Planning Instrument Land Zoning	NSW Department of Planning, Housing and Infrastructure	13/09/2024	30/08/2024	Monthly	1500m	5	12	37
Commonwealth Heritage List	Australian Department of Climate Change, Energy, the Environment and Water	20/10/2023	13/04/2022	Annually	1500m	0	0	0
National Heritage List	Australian Department of Climate Change, Energy, the Environment and Water	20/10/2023	13/04/2022	Annually	1500m	0	0	0
State Heritage Register - Curtilages	NSW Department of Planning, Industry and Environment	29/07/2024	05/07/2024	Quarterly	1500m	0	1	3
Environmental Planning Instrument Local Heritage	NSW Department of Planning, Housing and Infrastructure	13/09/2024	30/08/2024	Monthly	1500m	1	2	29
Bush Fire Prone Land	NSW Rural Fire Service	26/08/2024	19/07/2024	Monthly	1500m	3	3	3
NSW Native Vegetation Type Map	NSW Department of Climate Change, Energy, the Environment and Water	02/09/2024	30/11/2023	Quarterly	1500m	64	130	1084
Ramsar Wetlands of Australia	Australian Department of Climate Change, Energy, the Environment and Water	16/05/2024	11/04/2024	Annually	1500m	0	0	0
Collaborative Australian Protected Areas Database (CAPAD) 2022 - Terrestrial	Australian Department of Climate Change, Energy, The Environment and Water	04/03/2024	30/06/2022	Annually	1500m	1	1	1
Collaborative Australian Protected Areas Database (CAPAD) 2022 - Marine	Australian Department of Climate Change, Energy, The Environment and Water	04/03/2024	30/06/2022	Annually	1500m	0	0	0
Groundwater Dependent Ecosystems	Bureau of Meteorology	28/05/2024	28/05/2024	Annually	1500m	4	4	8

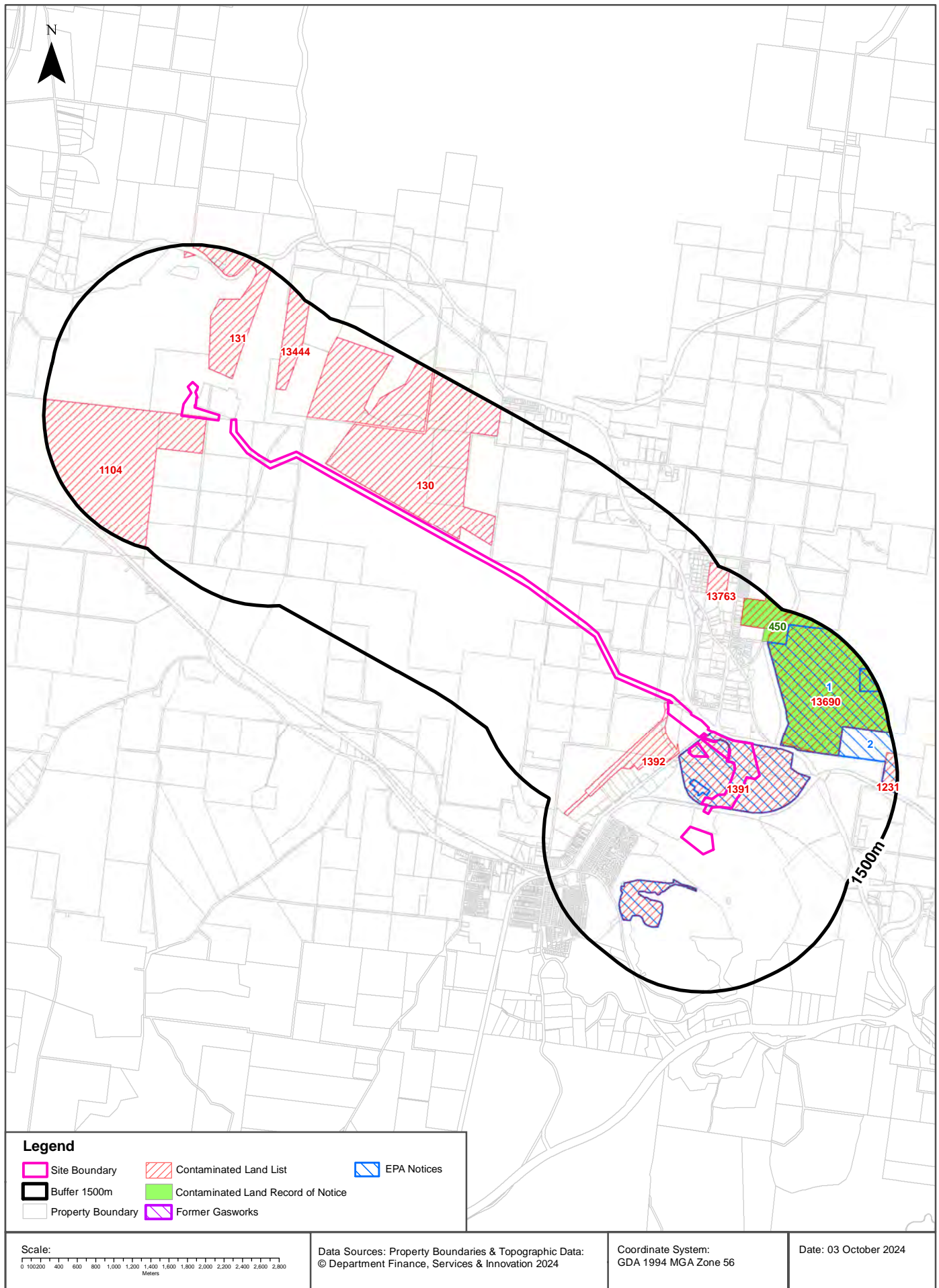
Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Inflow Dependent Ecosystems Likelihood	Bureau of Meteorology	28/05/2024	28/05/2024	Annually	1500m	10	11	21
NSW BioNet Species Sightings	NSW Department of Climate Change, Energy, the Environment and Water	10/09/2024	10/09/2024	Monthly	10000m	-	-	-



<p><b>Legend</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border: 2px solid pink; margin-right: 5px;"></span> Site Boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid pink; margin-right: 5px;"></span> Internal Parcel Boundaries</li> </ul>	<p><b>Total Area:</b> 799022m<sup>2</sup></p> <p><b>Total Perimeter:</b> 19.96km</p> <p><small>Disclaimers:</small></p> <p>Measurements are approximate only and may have been simplified or smaller lengths removed for readability.</p> <p>Parcels that make up a small percentage of the total site area have not been labelled for increased legibility.</p>	<p><b>Scale:</b></p> <p>0 200 400 800 1,200 1,600 2,000 Meters</p> <hr/> <p><small>Data Sources: Property Boundaries &amp; Topographic Data:                  © Department Finance, Services &amp; Innovation 2024</small></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;"><small>Coordinate System: GDA 1994 MGA Zone 56</small></td> <td style="padding: 2px;"><small>Date: 02 October 2024</small></td> </tr> </table>	<small>Coordinate System: GDA 1994 MGA Zone 56</small>	<small>Date: 02 October 2024</small>
<small>Coordinate System: GDA 1994 MGA Zone 56</small>	<small>Date: 02 October 2024</small>			

# Contaminated Land

Wallerawang, NSW 2845



# Contaminated Land

Wallerawang, NSW 2845

## List of NSW contaminated sites notified to EPA

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

Map Id	Site	Address	Suburb	Activity	Management Class	Status	Location Confidence	Dist	Direction
1104	Ivanhoe Colliery	Pipers Flat Road	Portland	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	0m	On-site
1391	Wallerawang Power Station	1 Main Street	Wallerawang	Other Petroleum	Regulation under CLM Act not required	Current EPA List	Premise Match	0m	On-site
1392	Lidsdale Coal Loading Facility	Main Street	Wallerawang	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	0m	South East
130	Western Coal Services (former Lamberts Gully Mine)	Castlereagh Highway	Blackmans Flat	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	21m	North West
131	Mount Piper Extension Development Site	2847 Boulder Road	Blackmans Flat	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	229m	North West
13690	Kerosene Vale Ash Repository	110 Skelly ROAD	LIDSDALE	Other Industry	Contamination currently regulated under CLM Act	Current EPA List	Premise Match	294m	East
13444	Mt Piper Power Station	350 Boulder Road	Portland	Other Petroleum	Regulation under CLM Act not required	Current EPA List	Premise Match	546m	North West
13763	Lot 424 Walgan Road, Lidsdale	Lot 424 Walgan ROAD	LIDSDALE	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	1177m	East
1231	Springvale Colliery	Castlereagh Highway	Springvale	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	1330m	South East

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

EPA site management class	Explanation
Contamination being managed via the planning process (EP&A Act)	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. The contamination of this site is managed by the consent authority under the Environmental Planning and Assessment Act 1979 (EP&A Act) planning approval process, with EPA involvement as necessary to ensure significant contamination is adequately addressed. The consent authority is typically a local council or the Department of Planning and Environment.
Contamination currently regulated under CLM Act	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). Management of the contamination is regulated by the EPA under the CLM Act. Regulatory notices are available on the EPA's Contaminated Land Public Record of Notices.
Contamination currently regulated under POEO Act	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. Management of the contamination is regulated under the Protection of the Environment Operations Act 1997 (POEO Act). The EPA's regulatory actions under the POEO Act are available on the POEO public register.
Contamination formerly regulated under the CLM Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). The contamination was addressed under the CLM Act.

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

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

# Contaminated Land

Wallerawang, NSW 2845

## Contaminated Land: Records of Notice

Record of Notices within the dataset buffer:

Map Id	Name	Address	Suburb	Notices	Area No	Location Confidence	Distance	Direction
450	Kerosene Vale Ash Repository	110 Skelly ROAD	LIDSDALE	1 current	3494	Premise Match	294m	East

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

## Former Gasworks

Former Gasworks within the dataset buffer:

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

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

# Contaminated Land

Wallerawang, NSW 2845

## EPA Notices

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

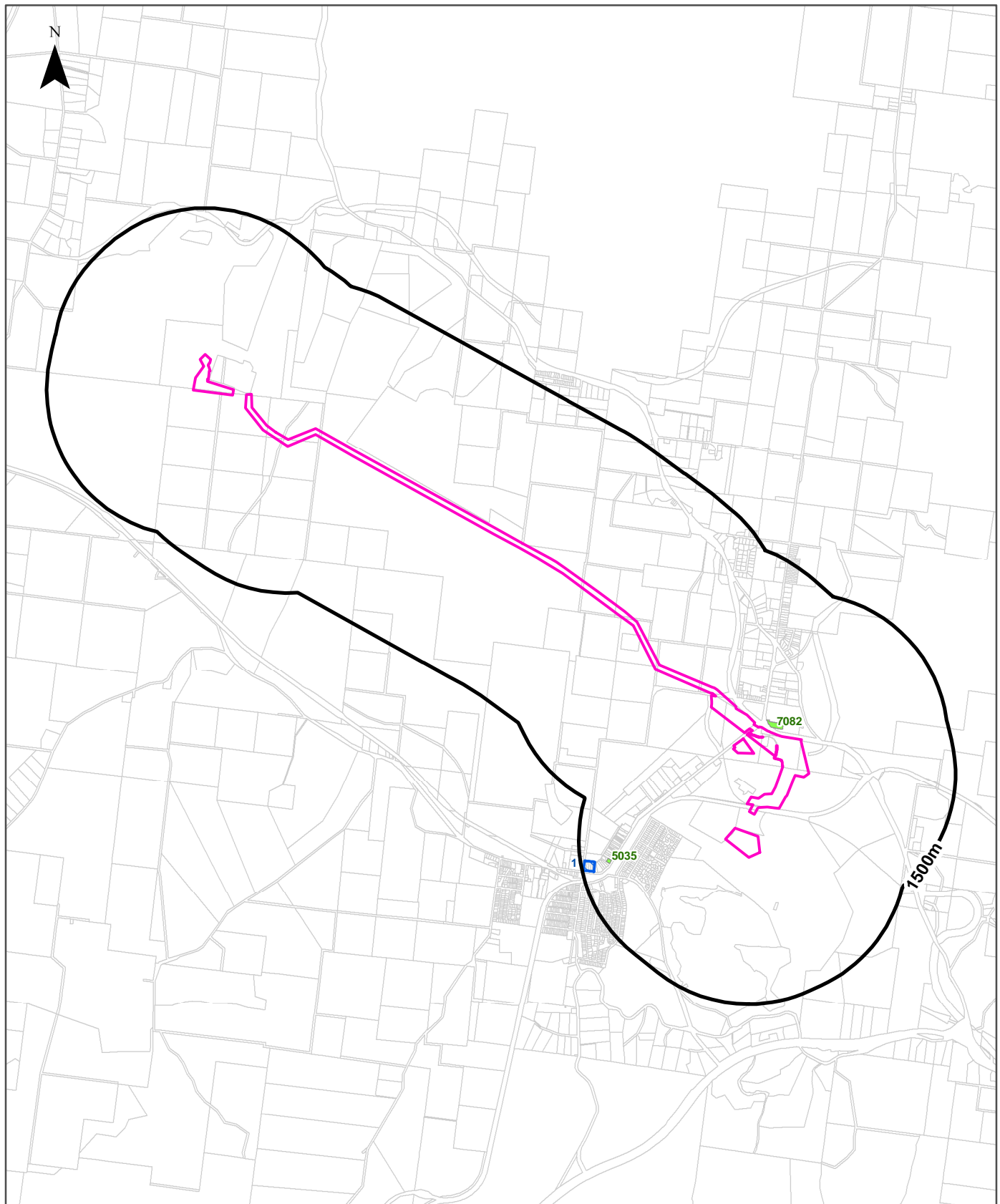
Map ID	Number	Type	Name	Address	Status	Issued Date	Act	Offence	Offence Date	Loc Conf	Dist	Dir
1	3085770252	Penalty Notice	DELTA ELECTRICITY	1 MAIN STREET, WALLERAWANG, NSW 2845	Issued	01/05/2013	Protection of the Environment Operations Act 1997 - 64(1)	Contravene any condition of licence - not noise - corporation	20/01/2013	Premise Match	0m	On-site
	3085770261	Penalty Notice	DELTA ELECTRICITY	1 MAIN STREET, WALLERAWANG, NSW 2845	Issued	01/05/2013	Protection of the Environment Operations Act 1997 - 152	Contravene of Part 5 pt 7 of the Protection of the Environment Operations Act 1997 - Corporation	20/01/2013	Premise Match	0m	On-site
2	3085772169	Penalty Notice	SPRINGVALE COAL PTY LIMITED	980 CASTLEREAGH HIGHWAY , LIDSDALE, NSW 2790	Issued	02/09/2013	Protection of the Environment Operations Act 1997 - 152	Contravene of Part 5 pt 7 of the Protection of the Environment Operations Act 1997 - Corporation	30/05/2013	Premise Match	887m	East
	3085772178	Penalty Notice	SPRINGVALE COAL PTY LIMITED	980 CASTLEREAGH HIGHWAY , LIDSDALE, NSW 2790	Issued	02/09/2013	Protection of the Environment Operations Act 1997 - 64(1)	Contravene any condition of licence - not noise - corporation	30/05/2013	Premise Match	887m	East
	3085776000	Penalty Notice	SPRINGVALE COAL PTY LIMITED	980 CASTLEREAGH HIGHWAY , LIDSDALE, NSW 2790	Issued	16/02/2015	Protection of the Environment Operations Act 1997 - 64(1)	Contravene condition of licence - Corporation	12/09/2014	Premise Match	887m	East

NSW EPA Notice Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

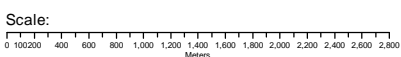
# Waste Management & Liquid Fuel Facilities

Wallerawang, NSW 2845



## Legend

- Site Boundary
- Buffer 1500m
- Property Boundary
- Waste Management Facilities
- National Liquid Fuel Facilities



Data Sources: Property Boundaries & Topographic Data:  
© Department Finance, Services & Innovation 2024

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

# Waste Management & Liquid Fuel Facilities

Wallerawang, NSW 2845

## National Waste Management Facilities Database

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

Map ID	Owner	Name	Address	Management Type	Facility Type	Status	Loc Conf	Dist	Dir
1	LITHGOW CITY COUNCIL	WALLERAWANG WASTE FACILITY	PIPERS FLAT ROAD, WALLERAWANG	DISPOSAL	LANDFILL – PUTRESCIBLE	OPERATIONAL	Premise Match	1356m	South

Source: Waste Management Facilities Database  
Creative Commons 4.0 © Commonwealth of Australia (Geoscience Australia) 2022

## National Liquid Fuel Facilities

National Liquid Fuel Facilities within the dataset buffer:

Map Id	Owner	Name	Address	Suburb	Class	Operational Status	Operator	Revision Date	Loc Conf	Dist	Direction
7082	UNITED	UNITED LIDSDALE	1 CASTLEREAGH HIGHWAY	LIDSDALE	PETROL STATION	OPERATIONAL			Premise Match	50m	South East
5035	CALTEX	CALTEX WALLERAWANG	26 MAIN STREET	WALLERAWANG	PETROL STATION	Operational		25/07/2011	Premise Match	1185m	South

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

# PFAS Investigation & Management Programs

Wallerawang, NSW 2845

## EPA PFAS Investigation Program

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

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

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

## Defence PFAS Investigation Program

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

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

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

## Defence PFAS Management Program

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

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

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

## Airservices Australia National PFAS Management Program

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

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

Airservices Australia National PFAS Management Program Data Custodian: Airservices Australia

# Defence Sites and Unexploded Ordnance

Wallerawang, NSW 2845

## Defence Controlled Areas (DCA)

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

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

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

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

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

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

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

## National Unexploded Ordnance (UXO)

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

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

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

# EPA Other Sites with Contamination Issues

Wallerawang, NSW 2845

## 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
- Pasmenco Lead Abatement Strategy Area

Sites within the dataset buffer:

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

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

# Current EPA Licensed Activities

Wallerawang, NSW 2845



## EPA Activities

Wallerawang, NSW 2845

### Licensed Activities under the POEO Act 1997

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

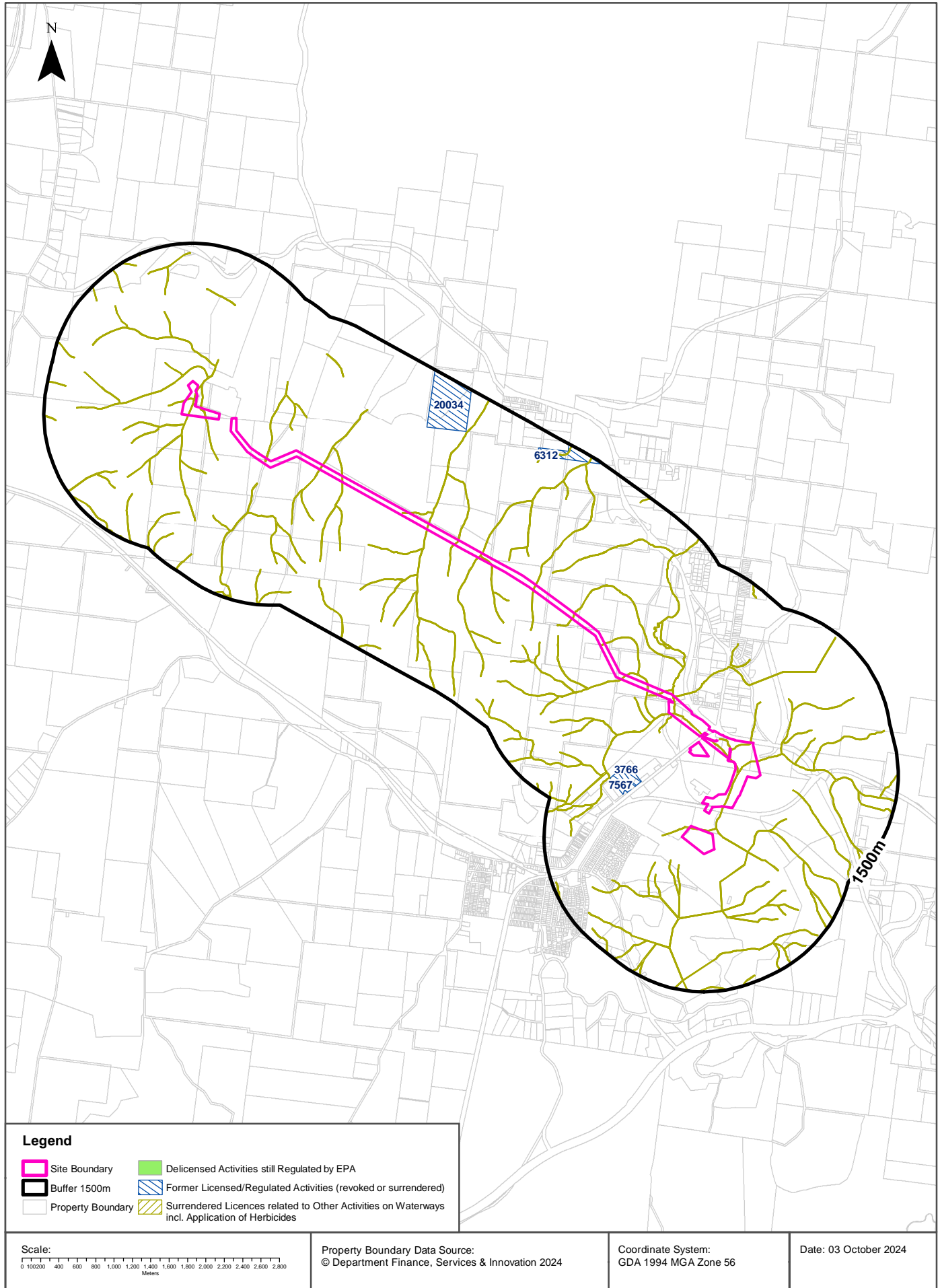
EPL	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
766	GREENSPOT WALLERAWANG PTY LTD	WALLERAWANG POWER STATION	1 MAIN STREET	WALLERAWANG	Generation of electrical power from coal	Premise Match	0m	On-site
13007	ENERGYAUSTRALIA NSW PTY LTD	MOUNT PIPER POWER STATION	350 BOULDER ROAD	PORTLAND	Generation of electrical power from coal	Premise Match	0m	On-site
13007	ENERGYAUSTRALIA NSW PTY LTD	MOUNT PIPER POWER STATION	350 BOULDER ROAD	PORTLAND	General chemicals storage	Premise Match	0m	On-site
13007	ENERGYAUSTRALIA NSW PTY LTD	MOUNT PIPER POWER STATION	350 BOULDER ROAD	PORTLAND	Petroleum products storage	Premise Match	0m	On-site
21185	GENERATOR PROPERTY MANAGEMENT PTY LIMITED		(INCLUDING PORTIONS OF THE FORMER WALLERAWANG POWER STATION), WALLERAWANG , NSW 2845		Miscellaneous licensed discharge to waters (wet weather only)	Premise Match	0m	On-site
631	IVANHOE COAL PTY LIMITED	IVANHOE NO.2 COLLIERY	BOULDER ROAD	PORTLAND	Coal works	Area Match	0m	On-site
631	IVANHOE COAL PTY LIMITED	IVANHOE NO.2 COLLIERY	BOULDER ROAD	PORTLAND	Mining for coal	Area Match	0m	On-site
21229	SPRINGVALE COAL PTY LIMITED		1613 Castlereagh Highway, BLACKMANS FLAT, NSW 2790		Waste disposal by application to land	Area Match	0m	On-site
21229	SPRINGVALE COAL PTY LIMITED		1613 Castlereagh Highway, BLACKMANS FLAT, NSW 2790		Coal works	Area Match	0m	On-site
13421	UGL REGIONAL LINX PTY LTD		COUNTRY REGIONAL NETWORK, ORANGE, NSW 2800		Railway systems activities	Network of Features	0m	On-site
5129	IVANHOE COAL PTY LIMITED	LIDSDALE COAL LOADING FACILITY	MAIN STREET	WALLERAWANG	Coal works	Premise Match	0m	South
20513	Nu-Rock Technology Pty Limited		350 Boulder Road, PORTLAND, NSW 2847		Recovery of hazardous and other waste	Premise Match	305m	North West
20513	Nu-Rock Technology Pty Limited		350 Boulder Road, PORTLAND, NSW 2847		Recovery of general waste	Premise Match	305m	North West
3607	SPRINGVALE COAL PTY LIMITED	SPRINGVALE COLLIERY	980 CASTLEREAGH HIGHWAY , LIDSDALE, NSW 2790	LIDSDALE	Coal works	Premise Match	887m	East
3607	SPRINGVALE COAL PTY LIMITED	SPRINGVALE COLLIERY	980 CASTLEREAGH HIGHWAY , LIDSDALE, NSW 2790	LIDSDALE	Mining for coal	Premise Match	887m	East
467	CENTENNIAL SPRINGVALE PTY LIMITED	ANGUS PLACE COLLIERY	WOLGAN ROAD	LIDSDALE	Mining for coal	Area Match	1197m	East
467	CENTENNIAL SPRINGVALE PTY LIMITED	ANGUS PLACE COLLIERY	WOLGAN ROAD	LIDSDALE	Coal works	Area Match	1197m	East

POEO Licence Data Source: Environment Protection Authority

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# Delicensed & Former Licensed EPA Activities

Wallerawang, NSW 2845



## EPA Activities

Wallerawang, NSW 2845

### Delicensed Activities still regulated by the EPA

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

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

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

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

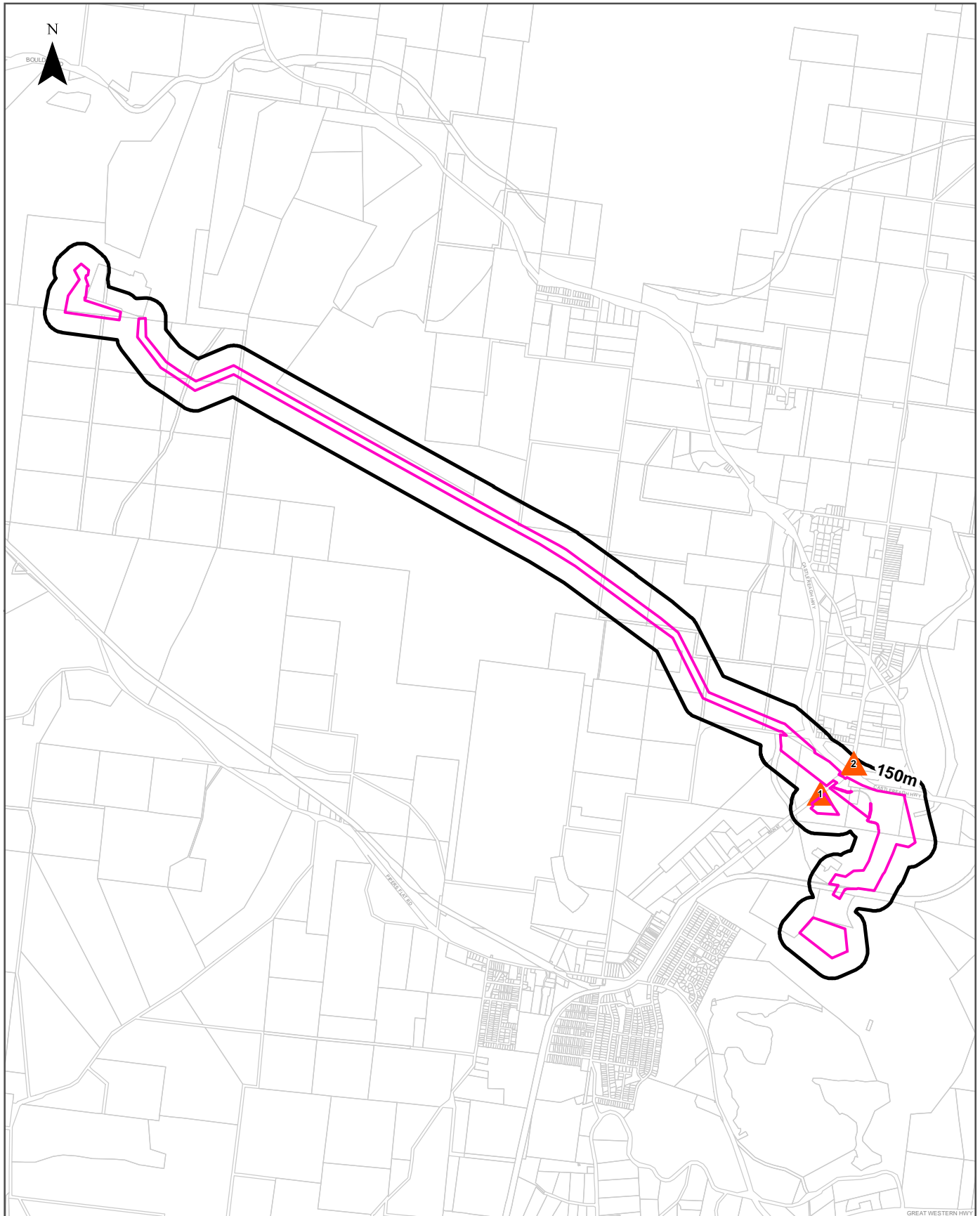
Former Licensed activities under the Protection of the Environment Operations Act 1997, now revoked or surrendered, within the dataset buffer:

Licence No	Organisation	Location	Status	Issued Date	Activity	Loc Conf	Distance	Direction
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered	06/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	0m	On-site
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	On-site
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	On-site
3766	HANSON CONSTRUCTION MATERIALS PTY LTD	MAIN STREET, WALLERAWANG, NSW 2845	Surrendered	06/03/2000	Concrete Works	Premise Match	614m	South
7567	AUSTRALIAN DOLOMITE CO PTY LTD	LOT 1 & 2 PINTA ST, WALLERAWANG, NSW 2845	Surrendered	15/05/2000	Miscellaneous licensed discharge to waters (at any time); Crushing, grinding or separating	Premise Match	754m	South
20034	WESTON MATRIX PTY LTD	BLACKMANS FLAT SOLID WASTE LANDFILL DEPOT RRM, CASTLEREAGH HIGHWAY, BLACKMANS FLAT, NSW 2790	Surrendered	21/10/2011	Recovery of general waste	Premise Match	910m	North West
6312	ENHANCE PLACE PTY LIMITED	1449 CASTLEREAGH HIGHWAY, LIDSDALE, NSW 2790	Surrendered	28/09/2000	Mining for coal	Area Match	1222m	North

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

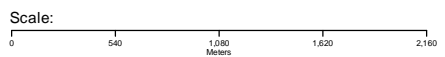
# Historical Business Directories

Wallerawang, NSW 2845



## Legend

- Site Boundary
- Buffer 150m
- Property Boundary
- Business directory records mapped to a specific premise
- Business directory records mapped to a road intersection
- Business directory records mapped to a road corridor
- Business directory records mapped to a general area



Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

Data Sources: Reproduced with permission of UBD and Hardie Grant Media Pty Ltd DD 01/08/2018  
Property Boundaries © NSW Department Finance, Services & Innovation 2024

## Historical Business Directories

Wallerawang, NSW 2845

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

Potentially contaminative business activities extracted from Universal Business Directories from years 1991, 1982, 1970, 1961 & 1950, mapped to a premise or road intersection within the dataset buffer:

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

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

Potentially contaminative business activities extracted from Universal Business Directories from years 1991, 1982, 1970, 1961 & 1950, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
1	Garage	Adams. C. Garage., Main St., Wallerawang. 2845	130089	1991	Road Match	0m
	BABY HEALTH CENTRES	Baby Health Centre., Main St., Wallerawang. 2845	130092	1991	Road Match	0m
	Health Centre	Blaxland Shire Council., Main St., Wallerawang. 2845	130093	1991	Road Match	0m
	Butcher	Case & Deignan Pty Ltd Btchr. Retl., Main St., Wallerawang. 2845	130096	1991	Road Match	0m
	Butcher	Cook. K. Btchr. Retl., Main St., Wallerawang. 2845	130098	1991	Road Match	0m
	Taxi Service	Dunlop. W M. Taxi., Main St., Wallerawang. 2845	130102	1991	Road Match	0m
	NOT LISTED	Longworth & McKenzie Constltn Engr., Main St., Wallerawang. 2845	130114	1991	Road Match	0m
	Agricultural Machinery Dealers	Newham. Eric (Wallerawang) Pty. Ltd Agricultrl Mchnry Dir., Main St., Wallerawang. 2845	130117	1991	Road Match	0m
	Concrete	Pioneer Concrete (N.S.W) Pty. Ltd. Main St., Wallerawang. 2845	130119	1991	Road Match	0m
	AUTO ELECTRICS	Wallerawang Auto Electric., Lot 4 Main St., Wallerawang. 2845	130132	1991	Road Match	0m
	Garden & Nurserymen Supplies	Wallerawang Landscaping & Garden Centre., Main St., Wallerawang. 2845	130136	1991	Road Match	0m
	Butcher	Wang Butchery., Main St., Wallerawang. 2845	130137	1991	Road Match	0m
	Café	Wang Cafe., Main St., Wallerawang. 2845	130138	1991	Road Match	0m
	Smash Repairs	Wang Smash Repairs., Main St., Wallerawang. 2845	130139	1991	Road Match	0m
	NOT LISTED	Wreckair Hire., Main St., Wallerawang. 2845	130143	1991	Road Match	0m
	Garage	Adams. C. Garage. Main St., Wallerawang 2845	134780	1982	Road Match	0m
	COUNCILS	Blaxland Shire Council, Main St., Wallerawang 2845	134782	1982	Road Match	0m
	Butcher	Case & Deignan Pty. Ltd. Btchr., Main St., Wallerawang 2845	134784	1982	Road Match	0m
	Taxi Service	Dunlop, W. M., Taxi Service. Main St., Wallerawang 2845	134789	1982	Road Match	0m
	Hardware Store	Lithgow Co-op Society Ltd. Hrdwre. Main St., Wallerawang 2845	134791	1982	Road Match	0m
	Motor Garage	Newham. Eric (Wallerawang) Pty. Ltd. Mtr. Gar., Main St., Wallerawang 2845	134793	1982	Road Match	0m
	Café	Wang Cafe. Main St., Wallerawang 2845	134801	1982	Road Match	0m
	CYCLE DEALERS & ACCESSORIES	Adams, C. Garage Main St. Wallerawang 2845	545039	1970	Road Match	0m
	BATTERY SALES & SERVICE	Adams, C. Garage, Main St. Wallerawang 2845	545030	1970	Road Match	0m
	GARDENERS' SUPPLIES-RETAIL	Adams, C. Garage, Main St. Wallerawang 2845	545044	1970	Road Match	0m
	HARDWARE & BUILDERS' SUPPLIES	Adams, C. Garage, Main St. Wallerawang 2845	545050	1970	Road Match	0m
	MOTOR ACCESSORIES & SPARE PARTS DEALERS	Adams, C. Garage, Main St. Wallerawang 2845	545061	1970	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Adams, C. Garage, Main St. Wallerawang 2845	545063	1970	Road Match	0m

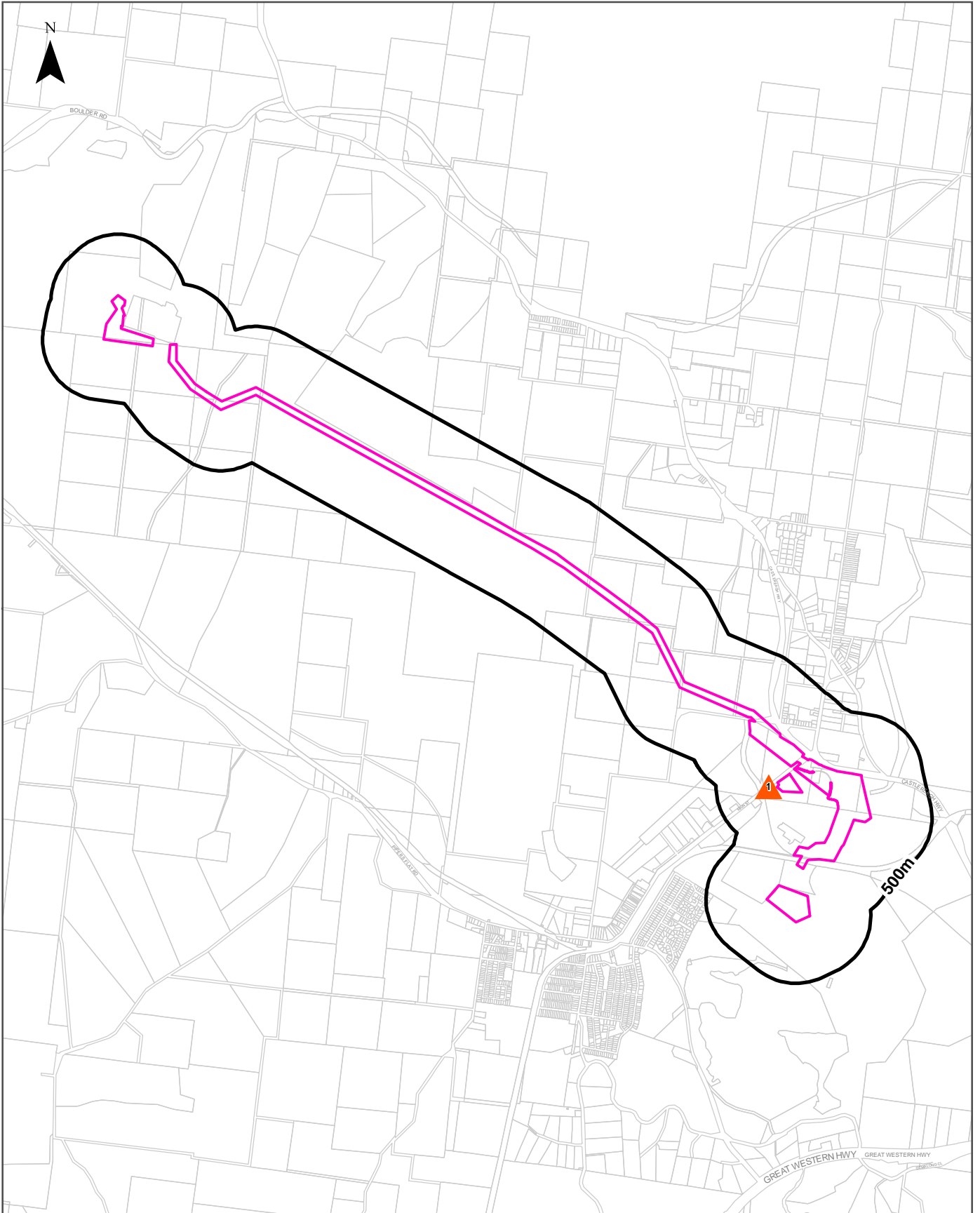
Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
1	ELECTRIC POWER SUPPLIES	Blaxland Shire Council Chambers, Main St. Wallerawang 2845	545041	1970	Road Match	0m
	HARDWARE & BUILDERS' SUPPLIES	Lithgow Co-op. Society, Main St. Wallerawang 2845	545051	1970	Road Match	0m
	CARRIERS & CARTAGE CONTRACTORS	Newham, E. (Wallerawang) Pty. Ltd., Main St. Wallerawang 2845	545034	1970	Road Match	0m
	AGRICULTURAL MACHINERY DEALERS	Newham, Eric (Wallerawang) Pty. Ltd., Main St. Wallerawang 2845	545019	1970	Road Match	0m
	HAULAGE CONTRACTORS	Newham, Eric (Wallerawang) Pty. Ltd., Main St. Wallerawang 2845	545052	1970	Road Match	0m
	MOTOR ACCESSORIES & SPARE PARTS DEALERS	Newham, Eric (Wallerawang) Pty. Ltd., Main St. Wallerawang 2845	545062	1970	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Newham, Eric (Wallerawang) Pty. Ltd., Main St. Wallerawang 2845	545064	1970	Road Match	0m
	SCHOOLS & COLLEGES-PRIVATE & PUBLIC	Public School, Main Rd. Wallerawang 2845	545066	1970	Road Match	0m
	BAKERS	Seymour, K. L. & S. J., Main St. Wallerawang 2845	545027	1970	Road Match	0m
	AGRICULTURAL MACHINERY DEALERS	Adams, C. Garage, Main St., Wallerawang	231180	1961	Road Match	0m
	BATTERY DISTRIBUTORS	Adams, C. Garage, Main St., Wallerawang	231186	1961	Road Match	0m
	BATTERY SERVICE STATIONS	Adams, C. Garage, Main St., Wallerawang	231187	1961	Road Match	0m
	CYCLE DEALERS & ACCESSORIES	Adams, C. Garage, Main St., Wallerawang	231217	1961	Road Match	0m
	GARDEN SUPPLIES-RETAIL	Adams, C. Garage, Main St., Wallerawang	231227	1961	Road Match	0m
	HARDWARE DEALERS & IRONMONGERS	Adams, C. Garage, Main St., Wallerawang	231238	1961	Road Match	0m
	MOTOR ACCESSORIES & SPARE PARTS DEALERS	Adams, C. Garage, Main St., Wallerawang	231258	1961	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Adams, C. Garage, Main St., Wallerawang	231261	1961	Road Match	0m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Adams, C. Garage, Main St., Wallerawang	231265	1961	Road Match	0m
	TYRE DEALERS, RETREADERS & VULCANIZERS	Adams, C. Garage, Main St., Wallerawang	231278	1961	Road Match	0m
	WELDERS-ELECTRIC & OXY	Adams, C. Garage, Main St., Wallerawang	231280	1961	Road Match	0m
	CYCLE DEALERS & ACCESSORIES	ArkInstall, K., Main St., Wallerawang	231218	1961	Road Match	0m
	ELECTRIC POWER SUPPLIES	Blaxland Shire Council Chambers, Main St., Wallerawang	231221	1961	Road Match	0m
	CARRIERS & CARTAGE CONTRACTORS	Bulkeley, R. P., Main St., Wallerawang	231196	1961	Road Match	0m
	TIMBER MERCHANTS & SAW MILLERS	Eaton, N. J., Main St., Wallerawang	231273	1961	Road Match	0m
	BOOT & SHOE REPAIRERS	Hasham, Paul, Main St., Wallerawang	231189	1961	Road Match	0m
	CHEMISTS-PHARMACEUTICAL	Heilman, D. B., Main St., Wallerawang	231202	1961	Road Match	0m
	WATCH REPAIRERS & SPECIALISTS	Heilman, D. B., Main St., Wallerawang	231279	1961	Road Match	0m
	HARDWARE DEALERS & IRONMONGERS	Lithgow Co-op. Society, Main St., Wallerawang	231239	1961	Road Match	0m
	CARRIERS & CARTAGE CONTRACTORS	Newham, E. (Wallerawang) Pty. Ltd., Main St., Wallerawang	231199	1961	Road Match	0m
	MOTOR BUS SERVICES	Newham, E. C., Main St., Wallerawang	231260	1961	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Newham, Eric (Wallerawang) Pty. Ltd., Main St., Wallerawang	231263	1961	Road Match	0m
	AGRICULTURAL MACHINERY DEALERS	Newham, Eric (Wallerawang) Pty. Ltd., Main St., Wallerawang	231181	1961	Road Match	0m
	HAULAGE CONTRACTORS	Newham, Eric (Wallerawang) Pty. Ltd., Main St., Wallerawang	231240	1961	Road Match	0m
	MOTOR ACCESSORIES & SPARE PARTS DEALERS	Newham, Eric (Wallerawang) Pty. Ltd., Main St., Wallerawang	231259	1961	Road Match	0m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
1	SCHOOLS & COLLEGES-PRIVATE & PUBLIC	Public School, Main Rd., Wallerawang	231269	1961	Road Match	0m
	CHEMISTS-PHARMACEUTICAL	Symowsky, J. A., Main St., Wallerawang	231203	1961	Road Match	0m
	CARRIERS & CARTAGE CONTRACTORS	Vowles, F. T., Main St., Wallerawang	231200	1961	Road Match	0m
	CYCLE DEALERS	Arkininstall, K. Main St. Wallerawang	177931	1950	Road Match	0m
	RADIO DEALERS	Arkininstall, K., Main St. Wallerawang	177956	1950	Road Match	0m
	CARRIERS & CARTAGE CONTRACTORS	Bulkeley, J. T., Main St., Wallerawang	177927	1950	Road Match	0m
	TIMBER HAULERS	Eaton, N. J., Main St. Wallerawang	177959	1950	Road Match	0m
	HARDWARE DEALERS & IRONMONGERS	Lithgow Co-op. Society, Main St. Wallerawang	177944	1950	Road Match	0m
	CARRIERS & CARTAGE CONTRACTORS	Newham, E., Main St. Wallerawang	177928	1950	Road Match	0m
	MOTOR GARAGES & SERVICE STATIONS	Newham, E., Main St. Wallerawang	177953	1950	Road Match	0m
	SCHOOLS	Public School, Main Rd. Wallerawang	177958	1950	Road Match	0m
	HIRE CAR SERVICES	Schrader, A. W., Main St. Wallerawang	177945	1950	Road Match	0m
2	TAXIS & HIRE CARS	Hollands, A. C., Wolgan Rd., Lidsdale	212736	1961	Road Match	78m
	TAXIS & HIRE CARS	Hollands, A. C., Wolgan Rd., Wallerawang	231272	1961	Road Match	78m
	PLUMBERS, GASFITTERS & DRAINLAYERS	Woods, A. E., Wolgan Rd., Wallerawang	231268	1961	Road Match	78m

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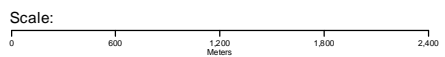
# Dry Cleaners, Motor Garages & Service Stations

Wallerawang, NSW 2845



## Legend

- Site Boundary
- Buffer 500m
- Property Boundary
- Business directory records mapped to a specific premise
- Business directory records mapped to a road intersection
- Business directory records mapped to a road corridor
- Business directory records mapped to a general area



Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

Data Sources: Reproduced with permission of UBD and Hardie Grant Media Pty Ltd DD 01/08/2018  
Property Boundaries © NSW Department Finance, Services & Innovation 2024

## Historical Business Directories

Wallerawang, NSW 2845

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

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

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

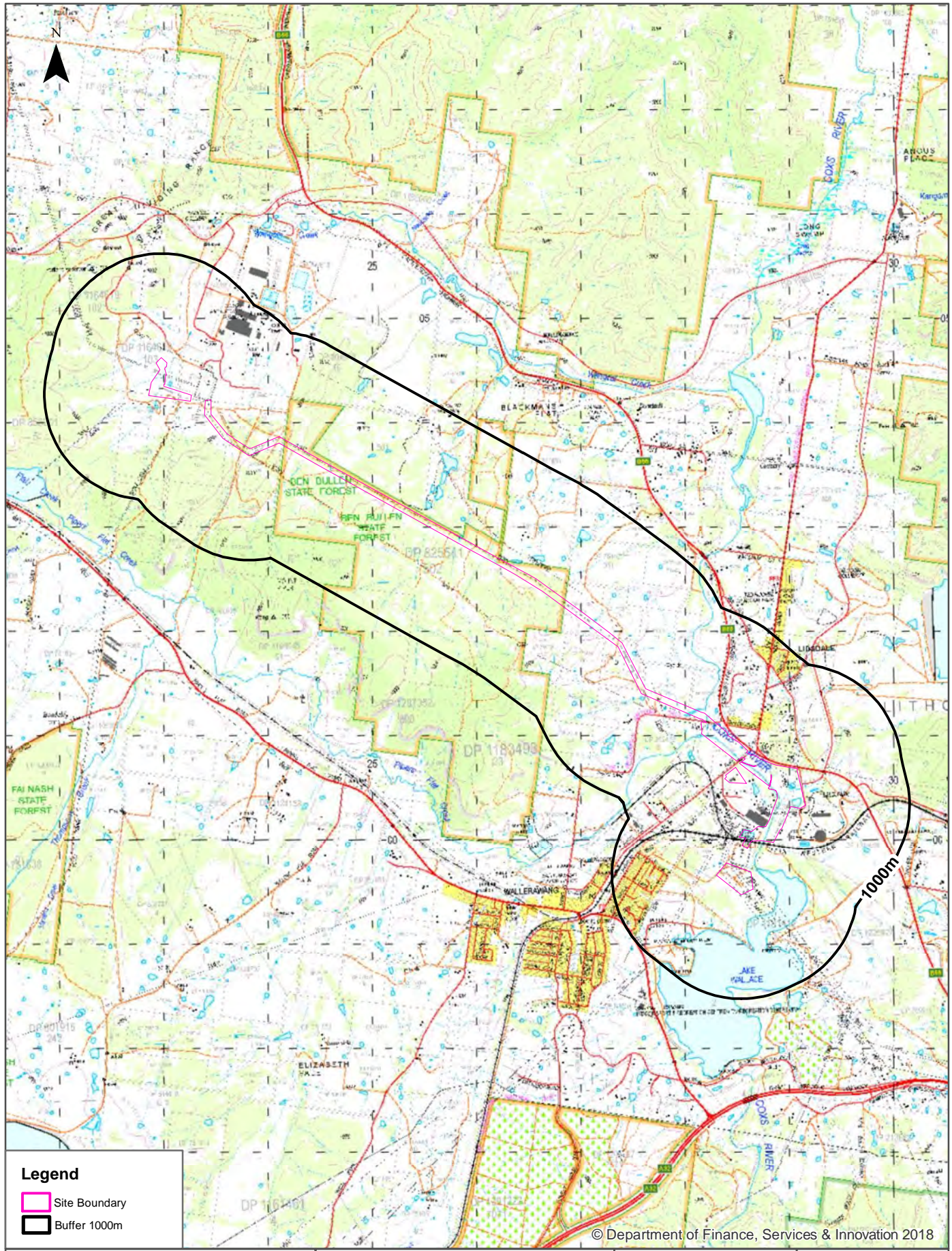
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## Dry Cleaners, Motor Garages & Service Stations Road or Area Matches

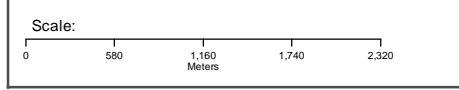
Dry Cleaners, Motor Garages & Service Stations from UBD Business Directories, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published.

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
1	Motor Garage	Newham. Eric (Wallerawang) Pty. Ltd. Mtr. Gar., Main St., Wallerawang 2845	134793	1982	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Adams, C. Garage, Main St. Wallerawang 2845	545063	1970	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Newham, Eric (Wallerawang) Pty. Ltd., Main St. Wallerawang 2845	545064	1970	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Adams, C. Garage, Main St., Wallerawang	231261	1961	Road Match	0m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Adams, C. Garage, Main St., Wallerawang	231265	1961	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Newham, Eric (Wallerawang) Pty, Ltd., Main St., Wallerawang	231263	1961	Road Match	0m
	MOTOR GARAGES & SERVICE STATIONS	Newham, E., Main St. Wallerawang	177953	1950	Road Match	0m

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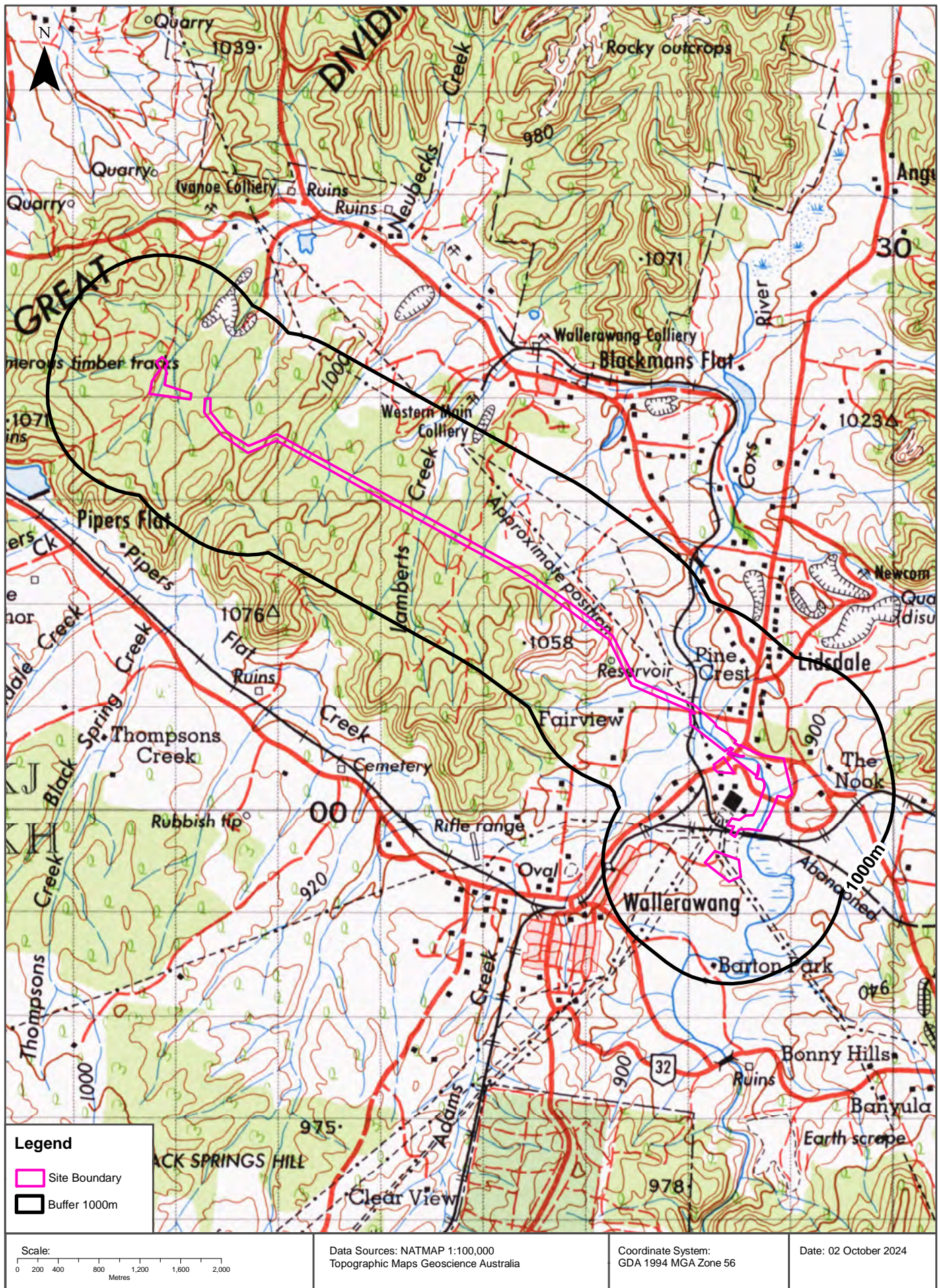
Data Sources: Topographic Map Data  
 © NSW Land and Property Information

Coordinate System:  
 GDA 1994 MGA Zone 56

Date: 03 October 2024

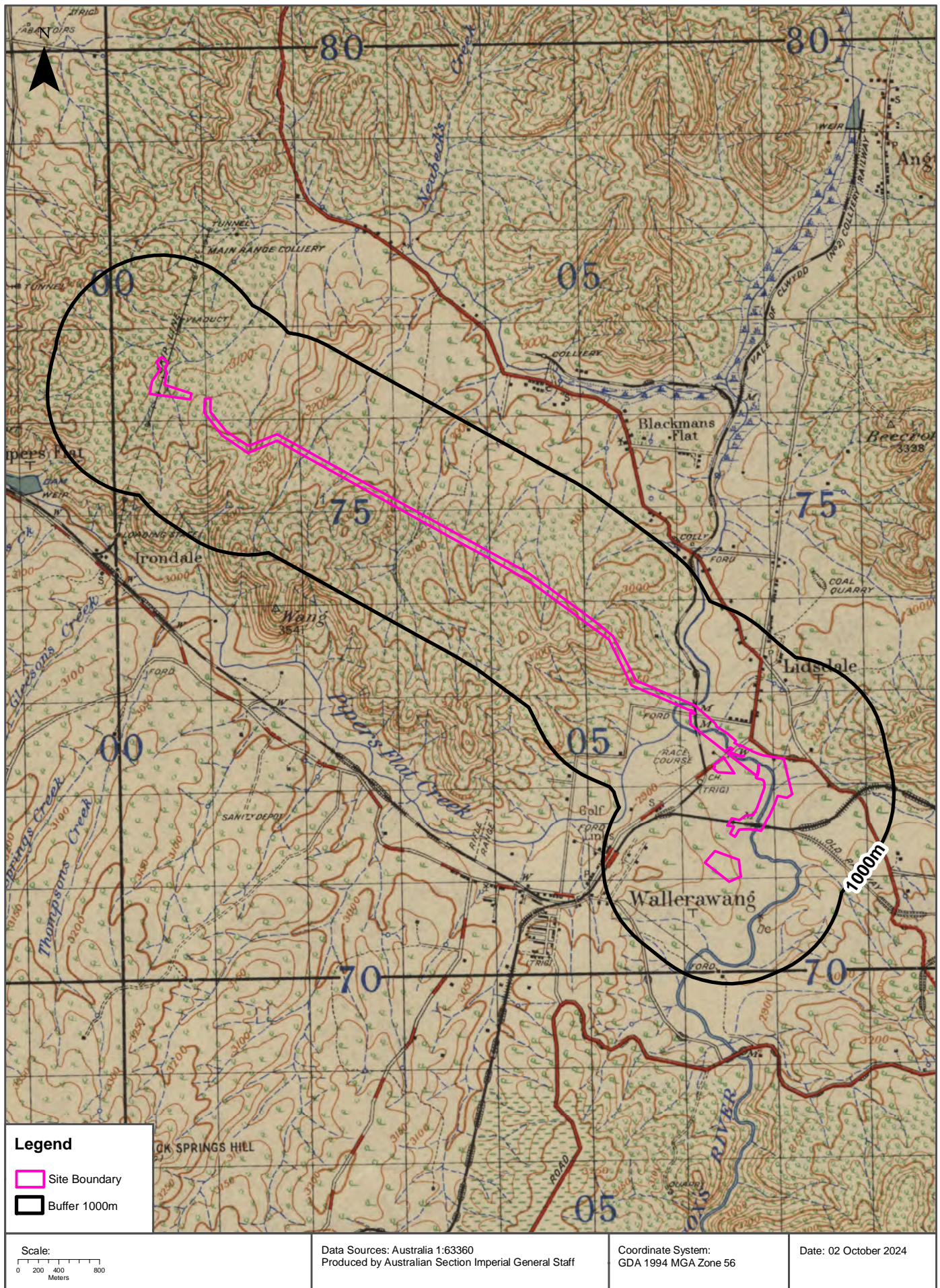
# Historical Map 1973

Wallerawang, NSW 2845



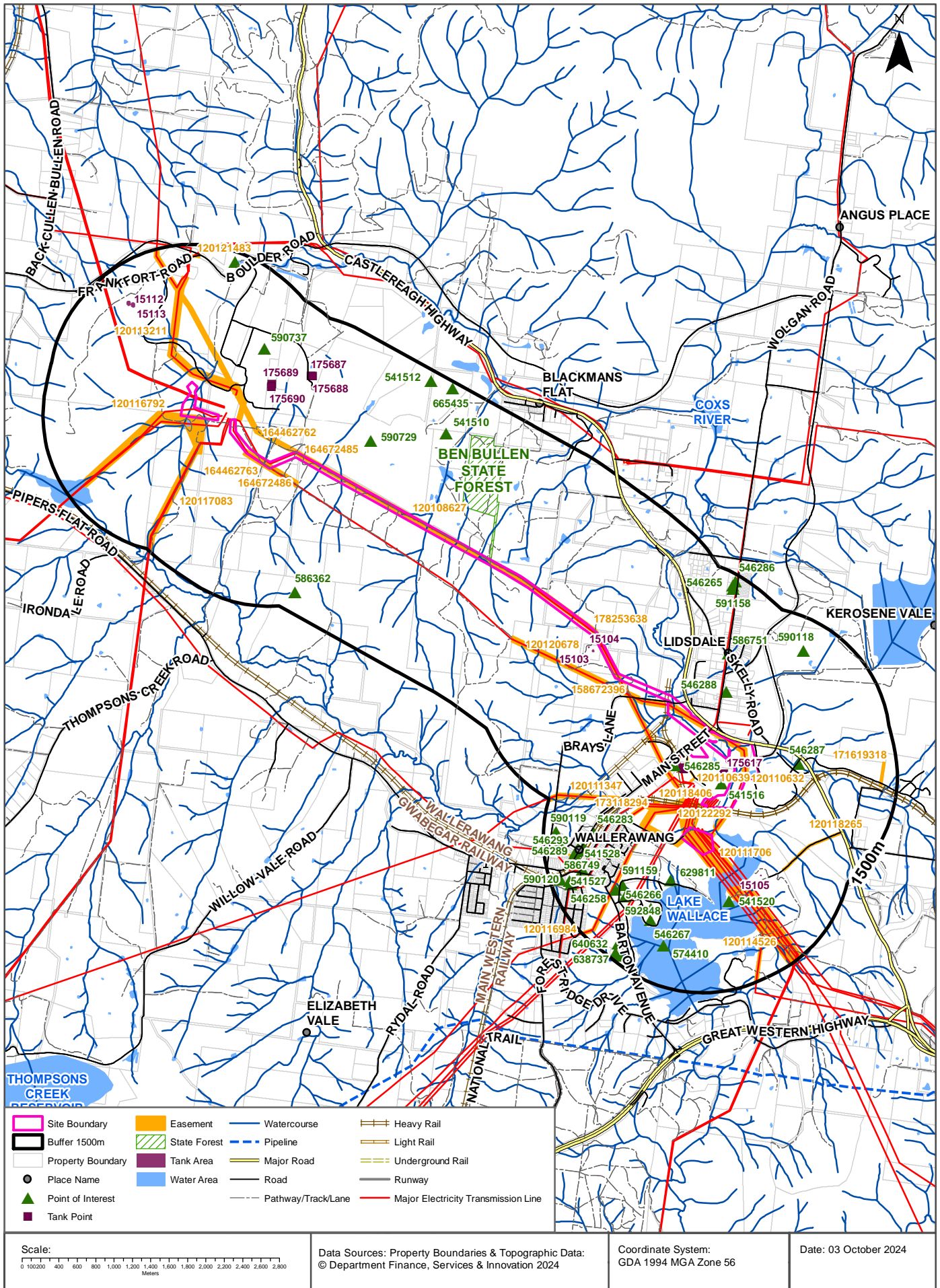
# Historical Map c.1935

Wallerawang, NSW 2845



# Topographic Features

Wallerawang, NSW 2845



# Topographic Features

Wallerawang, NSW 2845

## Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
541516	Power Station - Fuel Driven	WALLERAWANG C POWER STATION	84m	South East
546285	Place Of Worship	ST JOHN EVANGELIST CHURCH	204m	South East
546288	Place Of Worship	LIDSDALE UNITING CHURCH	421m	South East
629811	Community Facility	WALLERAWANG SAILING CLUB	433m	South
546287	Sports Field	DELTA PARK	444m	South East
590729	Quarry - Open Cut	Quarry - Open Cut	500m	North West
541520	Cemetery	BARTON PARK CEMETERY	570m	South East
586751	Village	LIDSDALE	758m	East
546266	Sports Field	Sports Field	810m	South
591159	Pumping Station	Pumping Station	818m	South
590737	Power Station - Fuel Driven	MOUNT PIPER POWER STATION	831m	North West
592848	Park	P J HALL MEMORIAL PARK	883m	South
665451	Sports Field	Sports Field	908m	South
546267	Picnic Area	ROTARY PARK PICNIC AREA	910m	South
546283	Railway Station	WALLERAWANG RAILWAY STATION	952m	South
665137	Historic Site	WALLERAWANG RAILWAY STATION AND YARD GROUP	952m	South
541510	Mine - Underground	WESTERN MAIN MINE	972m	North West
665831	Park	JUNCTION PARK	1071m	South
574410	Manmade Waterbody	LAKE WALLACE	1077m	South
586749	Town	WALLERAWANG	1116m	South
546257	Fire Station	WALLERAWANG FIRE STATION	1127m	South
546289	Community Medical Centre	WALLERAWANG COMMUNITY HEALTH CENTRE	1127m	South
546293	Library	WALLERAWANG LIBRARY	1151m	South
590118	Quarry - Open Cut	Quarry - Open Cut	1160m	East
541528	Post Office	WALLERAWANG POST OFFICE	1173m	South
586362	Mountain Like	MOUNT PIPER	1284m	West
546258	Club	WALLERAWANG BOWLING CLUB	1300m	South
590120	Sports Field	BOWLING GREENS	1301m	South
665441	Sports Field	WALLERAWANG SPORTS OVAL	1326m	South
640632	Primary School	WALLERAWANG PUBLIC SCHOOL	1329m	South
591158	Park	TED HUGHES MEMORIAL PARK	1347m	East

Map Id	Feature Type	Label	Distance	Direction
590119	Sports Court	TENNIS COURTS	1360m	South
546265	Sports Court	WOLGAN ROAD TENNIS COURTS	1378m	East
541527	Police Station	WALLERAWANG POLICE STATION	1389m	South
541512	Quarry - Open Cut	Quarry - Open Cut	1391m	North West
541508	Mine - Underground	IVANHOE COLLIERY	1392m	North West
638737	Sports Court	TENNIS	1423m	South
657230	Sports Centre	WALLERAWANG INDOOR SPORT & RECREATION CENTRE	1428m	South
546286	Firestation - Bush	WALLERAWANG RFB	1429m	East
665435	Rubbish Depot	Rubbish Depot	1430m	North West

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

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# Topographic Features

Wallerawang, NSW 2845

## 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
15103	Water	Operational		22/07/2005	67m	South East
15104	Water	Operational		22/07/2005	97m	South East
15105	Water	Operational		22/07/2005	573m	South East
15113	Water	Operational		22/07/2005	1028m	North West
15112	Water	Operational		22/07/2005	1072m	North West

## 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
175617	Water	Operational		22/07/2005	100m	South East
175616	Undefined	Operational		22/07/2005	164m	South East
175615	Undefined	Operational		22/07/2005	167m	South East
175690	Water	Operational		22/07/2005	526m	North West
175689	Water	Operational		22/07/2005	553m	North West
175687	Petroleum	Operational		22/07/2005	841m	North West
175688	Petroleum	Operational		22/07/2005	845m	North West

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
164672485	Primary	Electricity	45	0m	On-site
120111706	Primary	Undefined		0m	On-site
120117083	Primary	Undefined		0m	On-site
178253638	Primary	Right of way	45 Wide	0m	On-site

Map Id	Easement Class	Easement Type	Easement Width	Distance	Direction
120120678	Primary	Undefined		0m	On-site
120108627	Primary	Undefined		0m	On-site
164462763	Primary	Electricity	60	0m	On-site
173118294	Primary	Electricity	50m	0m	On-site
120110632	Primary	Undefined		0m	On-site
120118406	Primary	Undefined		0m	On-site
120114526	Primary	Undefined		0m	On-site
120122292	Primary	Undefined		0m	South East
120113211	Primary	Undefined		12m	North West
120110639	Primary	Undefined		85m	South East
158672396	Primary	Electricity	45	125m	South East
164462762	Primary	Electricity	45	160m	North West
164672486	Primary	Electricity	60	216m	North West
120116792	Primary	Undefined		230m	West
120118265	Primary	Undefined		783m	South East
120111347	Primary	Undefined		804m	South
172487172	Primary	Right of way	Var	1215m	South
120120598	Primary	Undefined		1225m	North West
120121483	Primary	Undefined		1228m	North West
171619318	Primary	Right of way		1311m	South East
120116984	Primary	Undefined		1466m	South

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

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# Topographic Features

Wallerawang, NSW 2845

## State Forest

What State Forest exist within the dataset buffer?

State Forest Number	State Forest Name	Distance	Direction
434	BEN BULLEN	0m	North West

State Forest Data Source: © NSW Department of Finance, Services & Innovation (2018)  
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# Elevation Contours (m AHD)

Wallerawang, NSW 2845



# Hydrogeology & Groundwater

Wallerawang, NSW 2845

## Hydrogeology

Description of aquifers within the dataset buffer:

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

Hydrogeology Map of Australia : Commonwealth of Australia (Geoscience Australia)  
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## Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018

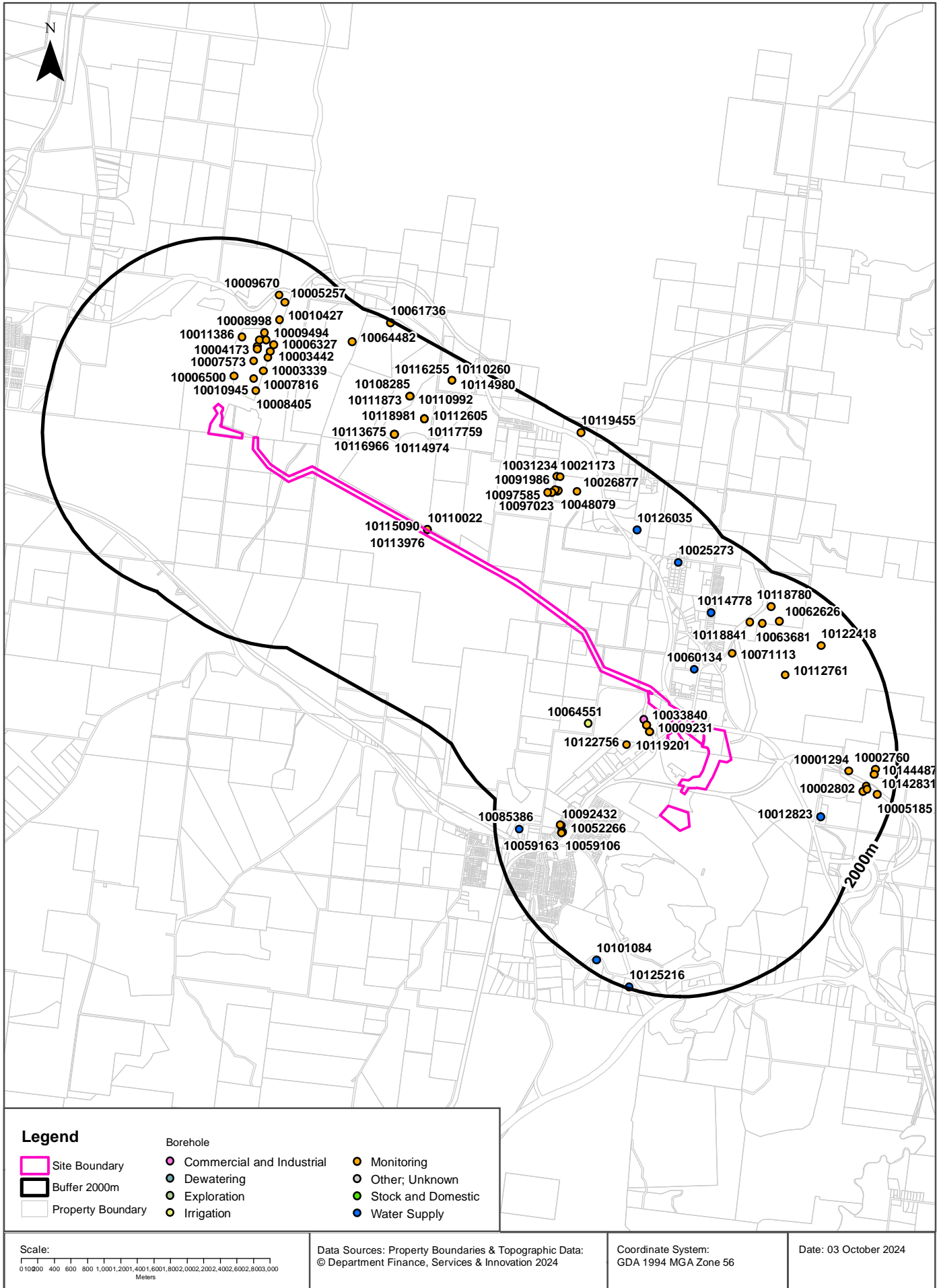
Temporary water restrictions relating to the Botany Sands aquifer within the dataset buffer:

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

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

# Groundwater Boreholes

Wallerawang, NSW 2845



# Hydrogeology & Groundwater

Wallerawang, NSW 2845

## Groundwater Boreholes

Boreholes within the dataset buffer:

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation	Height Datum	Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10110022	GW115565	Monitoring	Functional	26/08/2013	33.00		AHD				8m	North West
10113976	GW115625	Monitoring	Functional	26/08/2013	33.00		AHD				8m	North West
10115090	GW115566	Monitoring	Functional	26/08/2013	33.00		AHD				8m	North West
10086677	GW110520	Commercial and Industrial	Functional	08/05/2015	12.00		AHD		0.505	1.20	189m	South East
10119201	GW115260	Monitoring	Functional	09/05/2015	7.50		AHD				216m	South East
10009231	GW115010	Monitoring	Functional	09/05/2015	7.50		AHD			3.85	217m	South East
10033840	GW115011	Monitoring	Functional	13/08/2015	5.00		AHD		0.500	1.64	226m	South East
10109591	GW115261	Monitoring	Functional	08/05/2015	5.00		AHD				226m	South East
10006500	GW115089	Monitoring	Functional	07/06/2012	5.00		AHD			3.00	379m	North West
10008405	GW115088	Monitoring	Functional	07/06/2012	4.00		AHD			1.50	448m	North West
10122756	GW110437	Monitoring	Unknown	09/03/2009	90.00		AHD		0.063		488m	South East
10060134	GW101461	Water Supply	Functioning	08/01/1998	45.00		AHD		0.630	15.00	500m	East
10010945	GW115087	Monitoring	Functional	14/06/2012	10.00		AHD			5.00	512m	North West
10064551	GW053071	Irrigation	Unknown	01/12/1980	15.20		AHD				641m	South
10007816	GW115086	Monitoring	Functional	13/06/2012	20.00		AHD				658m	North West
10007573	GW115085	Monitoring	Functional	13/06/2012	6.00		AHD			2.40	669m	North West
10148297	GW115170	Monitoring	Functional	22/12/2015	20.00		AHD				806m	North West
10003339	GW115084	Monitoring	Functional	13/06/2012	10.00		AHD			6.20	814m	North West
10113675	GW115413	Monitoring	Functional	19/07/2012	36.00		AHD				821m	North West
10114974	GW115464	Monitoring	Functional	19/07/2012	36.00		AHD				821m	North West
10116966	GW115620	Monitoring	Functional	19/07/2012	36.00		AHD				821m	North West
10004173	GW115082	Monitoring	Functional	12/06/2012	7.00		AHD			5.50	835m	North West
10011386	GW115090	Monitoring	Functional	07/06/2012	4.80		AHD			3.00	853m	North West
10003442	GW115083	Monitoring	Functional	12/06/2012	7.70		AHD			5.60	884m	North West
10006402	GW115080	Monitoring	Functional	08/06/2012	5.00		AHD			3.00	914m	North West
10071113	GW110481	Monitoring	Unknown	28/07/2009	15.80		AHD				930m	East
10009494	GW115079	Monitoring	Functional	08/06/2012	8.90		AHD			7.00	962m	North West
10006327	GW115081	Monitoring	Functional	12/06/2012	20.00		AHD				974m	North West
10112761	GW109261	Monitoring	Functional	02/11/1985	18.03		AHD			9.80	992m	East

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation	Height Datum	Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10008998	GW115078	Monitoring	Functional	06/06/2012	22.00		AHD			9.50	1021m	North West
10097585	GW111028	Monitoring	Functional	23/02/2004	24.00		AHD	1079			1103m	North
10097023	GW111027	Monitoring	Functional	23/02/2004	24.00		AHD	179			1121m	North
10114778	GW062815	Water Supply	Unknown	01/11/1983	56.70		AHD	Fair			1150m	East
10112605	GW115414	Monitoring	Functional	16/07/2012	33.50		AHD				1159m	North West
10117759	GW115465	Monitoring	Functional	16/07/2012	33.50		AHD				1159m	North West
10118981	GW115621	Monitoring	Functional	16/07/2012	33.50		AHD				1160m	North West
10048079	GW110861	Monitoring	Unknown	19/02/2010	24.00		AHD				1164m	North
10091986	GW111029	Monitoring	Functional	21/02/2010	24.00		AHD	1240			1172m	North
10088322	GW111030	Monitoring	Functional	20/02/2010	24.00		AHD	292			1179m	North
10052266	GW111358	Monitoring	Functional	10/02/2011	6.40		AHD	900	1.000	2.57	1191m	South
10092432	GW112897	Monitoring	Functional	02/05/2011	5.36		AHD	2930	1.000	0.50	1191m	South
10095607	GW112898	Monitoring	Functional	02/05/2011	5.10		AHD	2340	1.000	0.44	1201m	South
10059106	GW111359	Monitoring	Functional	10/02/2011	6.00		AHD	900	1.000	1.58	1202m	South
10059163	GW111360	Monitoring	Functional	10/02/2011	6.00		AHD	900	1.000	1.98	1205m	South
10096603	GW112899	Monitoring	Functional	02/05/2011	5.00		AHD	2140	1.000	0.58	1208m	South
10010427	GW115077	Monitoring	Functional	04/06/2012	11.00		AHD			9.00	1252m	North West
10012823	GW050996	Water Supply	Unknown	01/02/1980	45.70		AHD	Good			1284m	South East
10026877	GW111473	Monitoring	Functional	23/03/2010	80.80		AHD				1289m	North
10108285	GW115466	Monitoring	Functional	12/07/2012	43.40		AHD				1312m	North West
10110992	GW115415	Monitoring	Functional	12/07/2012	43.40		AHD				1312m	North West
10111873	GW115622	Monitoring	Functional	12/07/2012	43.40		AHD				1312m	North West
10021173	GW111472	Monitoring	Functional	23/02/2010	23.90		AHD				1321m	North
10126035	GW106737	Water Supply	Functioning	25/11/2004	90.00		AHD		0.650	33.00	1337m	North East
10031234	GW111471	Monitoring	Functional	23/02/2010	24.00		AHD				1339m	North
10118841	GW109265	Monitoring	Functional	07/11/1985	14.90		AHD			1.00	1341m	East
10063681	GW110480	Monitoring	Unknown	28/07/2009	10.00		AHD				1369m	East
10025273	GW072713	Water Supply	Functioning	26/05/1994	15.80		AHD	Good	5.000	6.00	1393m	North East
10001294	GW116309	Monitoring	Functional	25/08/2016	7.50		AHD				1426m	South East
10005257	GW115076	Monitoring	Functional	04/06/2012	9.80		AHD				1460m	North West
10062626	GW110485	Monitoring	Unknown	17/09/2009	65.00		AHD				1472m	East
10009670	GW115075	Monitoring	Functional	06/06/2012	20.00		AHD			16.50	1503m	North West
10122418	GW109262	Monitoring	Functional	30/10/1985	17.45		AHD			3.60	1545m	East
10064482	GW101342	Monitoring	Functional	05/09/1996	28.70		AHD			27.20	1582m	North West
10118780	GW109264	Monitoring	Functional	06/11/1985	14.30		AHD			4.50	1594m	East
10002802	GW116307	Monitoring	Functional	06/10/2016	4.00		AHD				1635m	South East

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation	Height Datum	Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10004371	GW116308	Monitoring	Functional	06/10/2016	7.50		AHD				1662m	South East
10004967	GW116306	Monitoring	Functional	06/10/2016	6.20		AHD				1683m	South East
10085386	GW112392	Water Supply	Functioning	02/10/2012	33.00		AHD		2.930	8.00	1706m	South
10110260	GW115412	Monitoring	Functional	17/07/2012	12.00		AHD				1727m	North West
10114980	GW115441	Monitoring	Functional	17/07/2012	12.00		AHD				1727m	North West
10116255	GW115623	Monitoring	Functional	17/07/2012	12.00		AHD				1727m	North West
10142831	GW116915	Monitoring	Functioning	25/08/2016	6.00		AHD				1735m	South East
10144487	GW116915	Monitoring	Functioning	25/08/2016	6.00		AHD				1735m	South East
10002760	GW116310	Monitoring	Functional	25/08/2016	10.70		AHD				1744m	South East
10005185	GW116305	Monitoring	Functional	06/10/2016	8.50		AHD				1812m	South East
10101084	GW105801	Water Supply	Functioning	01/01/2003	37.00		AHD		0.500	1.00	1859m	South
10119455	GW110157	Monitoring	Unknown	14/10/2005	9.00		AHD				1925m	North
10061736	GW101340	Monitoring	Functional	05/09/1996	26.40		AHD			2.55	1975m	North West
10125216	GW111587	Water Supply	Functioning	06/12/2011	80.00		AHD			8.00	1982m	South

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

# Hydrogeology & Groundwater

Wallerawang, NSW 2845

## Driller's Logs

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

NGIS Bore ID	Drillers Log	Distance	Direction
10086677	0.00m-0.50m ROAD BASE 0.50m-1.00m CLAY 1.00m-6.00m GRAVEL,SAND AND CLAY 6.00m-8.00m SOFT BALCK SHALE 8.00m-23.00m HARD BALCK SHALE 23.00m-38.00m SHALE VERY HARD GREY AND BLACK	189m	South East
10009231	0.00m-3.00m FILL, SANDY CLAY 3.00m-4.50m SANDY CLAY BROWN YELLOW 4.50m-5.00m SANDY CLAY RED ORANGE 5.00m-6.25m SANDY CLAY BROWN 6.25m-7.00m SILTSTONE WEATHERED ORANGE GREY 7.00m-7.50m SILTSTONE GREY FRESH WELL CONSOLIDATED	217m	South East
10033840	0.00m-3.00m FILL, CLAY, GRAVEL BROWN GREY 3.00m-3.30m SILTSTONE WEATHERED ORANGE/GREY 3.30m-5.00m SILTSTONE GREY, TRACES OF SAND AND GRAVEL	226m	South East
10122756	0.00m-1.00m TOPSOIL 1.00m-3.00m CLAY 3.00m-4.00m GRAVEL 4.00m-90.00m SHALE HARD	488m	South East
10060134	0.00m-2.00m TOP SOIL 2.00m-11.00m DECOMPOSED BLUE SHALE 11.00m-45.00m HARD BLUE SHALE	500m	East
10064551	0.00m-0.30m Topsoil 0.30m-3.05m Clay 3.05m-15.24m Shale	641m	South
10071113	0.00m-1.00m TOPSOIL,MOTTLED ORANGE,GREY,RED 1.00m-2.00m CLAYEY SAND 2.00m-3.00m SANDY SILT 3.00m-5.00m SILTSTONE L/GREY 5.00m-6.00m SANDSTONE L/GREY,WEATHERED,MINOR GRAVEL 6.00m-7.00m SANDSTONE L/GREY,BROWN COARSE 7.00m-8.00m SANDSTONE 8.00m-11.00m COAL LITHGOW SEAM 11.00m-12.00m SILTSTONE,L/GREY,MINOR GRAVEL 12.00m-13.00m SANDSTONE,DARK GREY,SILTY 13.00m-14.00m SANDSTONE,DARK GREY CLAYEY COARSE,DAMP 14.00m-15.80m SILTSTONE,L/GREY GREY,DAMP	930m	East
10112761	0.00m-1.00m (Unknown), no samples taken 1.00m-1.45m Sandy clay, to silty clay, mottled grey orange, moist 1.45m-2.00m (Unknown), no samples taken 2.00m-2.45m Clayey Sand to Clay, orange, moist 2.45m-3.00m (Unknown), no samples taken 3.00m-3.45m Clayey sand, orange-grey, with rock fragments to 15mm 3.45m-4.00m (Unknown), no samples taken 4.00m-4.45m Clay, grey, CW Claystone?, soft, moist 4.45m-5.00m (Unknown), no samples taken 5.00m-5.25m Gravel, slightly clayey, mixed sample, fine grained 5.25m-5.80m (Unknown), no samples taken 5.80m-6.48m Siltstone, minor ironstaining, ironstone fragments at 5.8-5.85m 6.48m-6.68m Coal, black 6.68m-7.01m Claystone, mottled brown-orange 7.01m-7.52m Siltstone, coaly, black 7.52m-8.28m Coal, black 8.28m-8.85m Sandstone, carbonaceous, grades to Siltstone 8.85m-10.00m Sandstone interbedded with Mudstone (50%) 10.00m-10.57m Sandstone, light brown, fine grained 10.57m-15.35m Sandstone, pebbly, light grey, few fine grained bands 15.35m-15.62m Coal, black 15.62m-16.79m Mudstone, interbedded with siltstone (50%), with pebbles 16.79m-16.90m Conglomerate 16.90m-17.00m (Unknown), core loss 17.00m-18.03m Coal, black	992m	East
10097585	0.00m-1.00m TOPSOIL YELLOW 1.00m-3.00m CLAY YELLOW 3.00m-5.00m SANDSTONE YELLOW WEATHERED 5.00m-24.00m COAL,SANDSTONE,SHALES	1103m	North

NGIS Bore ID	Drillers Log	Distance	Direction
10097023	0.00m-1.00m TOPSOIL YELLOW 1.00m-3.00m CLAY YELLOW 3.00m-5.00m SANDSTONE YELLOW WEATHERED 5.00m-24.00m COAL,SANDSTONE,SHALE	1121m	North
10114778	0.00m-0.30m Topsoil 0.30m-8.80m Clay 8.80m-10.40m Sandstone 10.40m-12.80m Coal 12.80m-49.10m Shale 49.10m-49.70m Sandstone Water Supply 49.70m-56.70m Shale	1150m	East
10048079	0.00m-1.00m TOPSOIL YELLOW 1.00m-3.00m CLAYS YELLOW 3.00m-4.00m SANDSTONE YELLOW WEATHERED 4.00m-24.00m SANDSTONE,SHALE,COAL SEAMS	1164m	North
10091986	0.00m-1.00m TOPSOIL YELLOW 1.00m-3.00m CLAY YELLOW 3.00m-5.00m SANDSTONE YELLOW WEATHERED 5.00m-24.00m COAL,SANDSTONE,SHALES	1172m	North
10088322	0.00m-1.00m TOPSOIL YELLOW 1.00m-3.00m CLAY YELLOW 3.00m-5.00m SANDSTONE YELLOW WEATHERED 5.00m-24.00m COAL,SANDSTONE,SHALE	1179m	North
10052266	0.00m-0.20m CONCRETE 0.20m-1.00m FILL , SAND AND GRAVELLY CLAY YELLOWISH RED 1.00m-1.60m SAND SILTY,DARK GREY TO BLACK 1.60m-2.60m SANDY CLAY YELLOWISH GREY 2.60m-6.40m SILTY SAND BROWNISH YELLOW	1191m	South
10059106	0.00m-0.20m CONCRETE 0.20m-0.80m FILL,BLACK AND COAL 0.80m-1.20m FILL,GRAVELLY CLAY YELLOWISH RED 1.20m-1.60m SILTY SAND DARK GREY 1.60m-2.60m SANDY CLAY YELLOWISH GREY 2.60m-6.00m SILTY CLAY BROWNISH YELLOW	1202m	South
10059163	0.00m-2.20m FILL BLACK CHITTER AND COAL 2.20m-2.40m SILTY SAND GREYISH YELLOW 2.40m-4.00m SANDY CLAY YELLOW BROWN 4.00m-6.00m SILTY CLAY BROWNISH YELLOW	1205m	South
10012823	0.00m-0.90m Topsoil Loam 0.90m-4.90m Clay Coloured 4.90m-45.70m Sandstone Water Supply	1284m	South East
10026877	0.00m-55.00m SILTSTONE SOME SHALE 55.00m-75.00m COAL 75.00m-80.80m SILTSTONE	1289m	North
10021173	0.00m-2.00m TOPSOIL 2.00m-4.00m SILTSTONE,LIGHT BROWN 4.00m-6.00m SILTSTONE LIGHT GREY,WITH SAND 6.00m-10.00m SILTSTONE,FINE GRAINED,GREY 10.00m-15.50m MUDSTONE,FINE GRAINED,DARK GREY 15.50m-17.00m COAL,LIDSDALE SEAM 17.00m-20.00m MUDSTONE,DARK GREY,COARSE GRAINED 20.00m-22.00m SANDSTONE,COARSE GRAINED,LIGHT GREY,MOIST 22.00m-23.90m COAL,LITHGOW SEAM	1321m	North
10126035	0.00m-0.50m topsoil 0.50m-3.00m clay 3.00m-7.00m shale 7.00m-8.00m coal 8.00m-17.00m shale 17.00m-28.00m sandstone 28.00m-30.00m coal 30.00m-90.00m shale	1337m	North East
10031234	0.00m-1.00m TOPSOIL 1.00m-5.00m SILTSTONE,FINE SANDSTONE L/BROWN 5.00m-6.00m MUDSTONE LIGHT GREY 6.00m-7.00m MUDSTONE,GREY FINE GRAINED 7.00m-10.00m SILTSTONE LIGHT GREY 10.00m-15.00m MUDSDTONE LIGHTG GREY 15.00m-17.00m COAL,LIDSDALE SEAM 17.00m-24.00m SANDSTONE,LIGHT GREY,COARSE GRAINED,MOIST	1339m	North

NGIS Bore ID	Drillers Log	Distance	Direction
10118841	0.00m-1.00m (Unknown) non core drilling 1.00m-1.45m Clay, mixed sample, light orange-red, soft 1.45m-2.00m (Unknown) non core drilling 2.00m-2.45m Coal, black, completely-moderately weathered, soft 2.45m-2.50m (Unknown) core loss 2.50m-3.84m Mudstone interbedded with sandstone (20%) 3.84m-4.60m Sandstone, light brown, include mudstone laminaes 4.60m-4.75m (Unknown) core loss 4.75m-8.80m Sandstone, mottled grey-orange, with pebbles to 40mm 8.80m-11.00m Coal, black, Siltstone band included at 8.86-8.9m 11.00m-12.65m Mudstone interbedded with sandstone (20%) 12.65m-14.90m Sandstone, light grey, with pebbles to 10mm, coarse	1341m	East
10063681	0.00m-1.00m SILTY CLAY,L/BROWN ORANGE,RED CLAY 1.00m-2.00m SAND L/YELLOW BROWN, FINE 2.00m-3.00m SILTY SAND,L/GREY 3.00m-4.00m SANDSTONE,,L/BROWN 4.00m-5.00m SANDSTONE,L/BROWN,FINE MEDIUM GRAINED 5.00m-6.00m SANDSTONE,L/GREY FINE SILTY 6.00m-7.00m SANDSTONE ORANGE,L/GREY,FINE SILTY 7.00m-8.00m MUDSTONE,CARBONACEOUS 8.00m-8.50m SILTSTONE,WITH MINOR COAL 8.50m-10.00m COAL,LITHGOW SEAM	1369m	East
10025273	0.00m-0.30m TOPSOIL 0.30m-2.10m CLAY 2.10m-21.30m SHALE	1393m	North East
10062626	0.00m-1.00m CLAYEY SAND 1.00m-3.00m MUDSTONE,ORANGE SILTSTONE 3.00m-4.00m SILTSTONE ORANGE GREY,SOME COAL 4.00m-7.00m SILTSTONE ORANGE GREY 7.00m-8.00m SILTSTONE BROWN 8.00m-9.00m SILTSTONE DARK GREY 9.00m-10.00m SILTSTONE GREY 10.00m-11.00m SILTSTONE GREY BROWN 11.00m-12.00m CLAYSTONE L/GREY 12.00m-15.00m MUDSTONE,CARBONACEOUS L/BROWN 15.00m-16.00m SILTSTONE GREY,MUDSTONE 16.00m-17.00m MUDSTONE,DARK GREY 17.00m-18.00m MUDSTONE DARK GREY CARB. DRY 18.00m-21.00m MUDSTONE DARK GREY 21.00m-22.00m MUDSTONE,DARK GREY CARB. SOME COAL 22.00m-23.00m COAL,IRONDALE SEAM 23.00m-25.00m MUDSTONE, CARBONACEOUS AND COAL 25.00m-27.00m MUDSTONE CARBONACEOUS 27.00m-29.00m MUDSTONE CARB. DARK BROWN 29.00m-30.00m MUDSTONE CARB.DARK BROWN,COAL 30.00m-32.00m MUDSTONE,CARB,DARK BROWN,GREY 32.00m-43.00m MUDSTONE,DARK GREY 43.00m-44.00m MUDSTONE,L/GREY,SILTSTONE 44.00m-48.00m MUDSTONE CARB.DARK GREY 48.00m-51.00m MUDSTONE L/GREY 51.00m-55.00m MUDSTONE,VERY FINE,L/GREY 55.00m-57.50m COAL,LIDSDALE SEAM 57.50m-62.00m SILTSTONE VERY L/GREY 62.00m-62.50m SILTSTONE,L/GREY,FINE GRAINED 62.50m-64.90m COAL,LITHGOW SEAM	1472m	East
10122418	0.00m-1.00m (Unknown), non core drilling 1.00m-1.45m Clayey Sand/Silty Sand, brown to orange, moist 1.45m-2.00m (Unknown), non core drilling 2.00m-2.45m Sand, light grye-brown, fine grained 2.45m-3.00m (Unknown), non core drilling 3.00m-3.45m Mudstone, black, carbonaceous & Coal 3.45m-4.15m (Unknown), core loss 4.15m-4.65m Mudstone, interbedded with Sandstone (50%) 4.65m-5.34m Sandstone interbedded with Mudstone (50%) 5.34m-5.64m Mudstone interbedded with Sandstone (30%) 5.64m-6.00m Sandstone interbedded with Mudstone (10%) 6.00m-7.52m Mudstone interbedded with Sandstone (15%) 7.52m-7.69m Sandstone, grey 7.69m-8.06m Mudstone, grey 8.06m-8.48m Coal, black 8.48m-9.02m Mudstone, grey, carbonaceous at base 9.02m-9.19m Claystone, light brown 9.19m-9.63m Mudstone, grey, includes few Claystone laminae 9.63m-9.79m Coal, black 9.79m-12.60m Mudstone, grey, carbaondeous at base 12.60m-16.32m Sandstone, light grey-brown, includes few fine Mudstone 16.32m-17.15m Ssandstone interbedded with Mudstone (30%) 17.15m-17.45m Mudstone interbedded with Sandstone (30%)	1545m	East
10064482	0.00m-16.00m Ash 16.00m-27.50m Coal 27.50m-28.00m siltstone: dark grey, carbonaceous, fresh <20 core lengths.	1582m	North West

NGIS Bore ID	Drillers Log	Distance	Direction
10118780	0.00m-1.00m (Unknown) non core drilling 1.00m-1.45m Clay, brown, moist, minor organic content 1.45m-2.00m (Unknown) non core drilling 2.00m-2.45m Clayey Sand, orange, moist, sand is coarse 2.45m-3.00m (Unknown) non core drilling 3.00m-3.45m Coao, black, wet, completely-moderately weathered 3.45m-3.72m (Unknown) core loss 3.72m-5.05m Sandstone interbedded with Mudstone (20%), mottled grey-brown 5.05m-10.31m Sandstone, light grey, coarse, grades to conglomerate 10.31m-12.49m Coal, black 12.49m-13.95m Sandstone interbedded with Mudstone (50%) 13.95m-14.30m Sandstone, light orange, ironstaining well-spread	1594m	East
10085386	0.00m-10.00m BROKEN SHALE AND CLAY 10.00m-33.00m GREY SILTSTONE	1706m	South
10101084	0.00m-0.30m topsoil 0.30m-5.00m clay 5.00m-15.00m shale 15.00m-26.00m granite, white	1859m	South
10119455	0.00m-8.20m CHITTER BACFILL MATERIAL CONTAINING GRAVELS,COAL AND SAND 8.20m-9.00m WEATHERED SANDSTONE,SOME CLAY,BROWN TO ORANGE,HARD,DRY	1925m	North
10061736	0.00m-2.00m Fill - silty, sandy gravel 2.00m-9.00m sandstone - low strength interbedded carbonaceous shale and fine sandstone 9.00m-9.20m coal 9.20m-12.50m sandstone - high strength fine-grained sandstone coming up as short sections of core (<100). Interbedded high strength 12.50m-14.00m sandstone-coarsegrained, medium to high strength 14.00m-19.80m sandstone-high to very high strength grey quartz, finegrained, 100mm core lengths free from bedding and joint discontinu 19.80m-21.00m sandstone - dark grey, finegrained, fresh fractured, clay joint infill, 10-30mm spacing 21.00m-26.00m sandstone - dark grey, fine grained, <20 core sections.	1975m	North West
10125216	0.00m-1.00m TOPSOIL 1.00m-5.00m CLAY BROWN 5.00m-11.00m SHALE GREY 11.00m-48.00m GRANITE PINK 48.00m-69.00m GRANITE GREEN 69.00m-80.00m GRANITE PINK	1982m	South

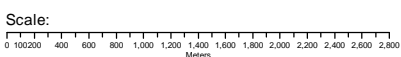
Drill Log Data Source: Bureau of Meteorology; Water NSW. Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>



### Legend

### Linear Geological Structures and Boundaries

- |                   |                     |                                    |                          |
|-------------------|---------------------|------------------------------------|--------------------------|
| Site Boundary     | Trendline           | Marker Bed                         | Miscellaneous Boundary   |
| Report Buffer     | Fold Axis           | Faulted Boundary                   | Water/Coastline Boundary |
| Property Boundary | Geological Boundary | Shear Zone or Schist Zone Boundary | State/Territory Border   |



Data Sources: Property Boundaries & Topographic Data:  
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Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

# Geology

Wallerawang, NSW 2845

## Geological Units

Geological units within the dataset buffer:

Code	Unit Name	Description	Stratigraphy	Age Range	Dominant Lithology	Dist	Dir
Pibb	Blackmans Flat Conglomerate	Pebbly quartz-lithic sandstone, medium- and coarse-grained matrix, sporadic pebble and cobble conglomerate, minor fine-grained sandstone and siltstone, sporadic coal stringers.	//Illawarra Coal Measures/Cullen Bullen Subgroup/Blackmans Flat Conglomerate//	Lopingian (base) to Lopingian (top)	Sandstone	0m	On-site
Pibm	Marrangaroo Formation	Pebbly quartz-lithic sandstone, medium- and coarse-grained matrix, sporadic pebble and cobble conglomerate, subordinate mudstone, sporadic coal stringers.	//Illawarra Coal Measures/Cullen Bullen Subgroup/Marrangaroo Formation//	Permian (base) to Permian (top)	Sandstone	0m	On-site
Pihl	Long Swamp Formation	Claystone, mudstone and siltstone; commonly laminated and interbedded. Fine-grained quartz-lithic sandstone. Coal seams down sequence.	//Illawarra Coal Measures/Charbon Subgroup/Long Swamp Formation//	Permian (base) to Permian (top)	Mudstone	0m	On-site
Pil_u	Illawarra Coal Measures - Cullen Bullen Subgroup, Charbon Subgroup & Wallerawang Subgroup	Mudstone, siltstone, claystone, sandstone, conlomerate, coal, torbanite, siliceous claystone. Informal grouping used in Western Coalfields mapping.	//Illawarra Coal Measures/Illawarra Coal Measures - Cullen Bullen Subgroup, Charbon Subgroup & Wallerawang Subgroup//	Lopingian (base) to Lopingian (top)	Mudstone	0m	On-site
Pshb	Berry Siltstone	Mid to dark grey siltstone, grades up sequence to very fine-grained sandstone, highly fossiliferous, sporadic dropped pebbles.	/Shoalhaven Group/Berry Siltstone//	Roadian (base) to Wordian (top)	Siltstone	0m	On-site
Q_a	Alluvium	Unconsolidated grey to brown to beige humic (±)micaceous silty clay, quartz-(±)lithic silt, fine- to medium-grained quartz-rich to quartz-lithic sand, polymictic pebble to cobble gravel (as sporadic lenses); sporadic palaeosol horizons.	//Alluvium////	Quaternary (base) to Now (top)	Clastic sediment	0m	On-site
Tnr	Grose Subgroup	Cross-bedded, quartz to quartz-lithic sandstone, red-brown claystone and shale. Prominent cliff-forming unit in the Blue Mountains, comprising the basal Burra-Moko Head Sandstone, overlain by the Mount York Claystone, with the Banks Wall Sandstone (top).	/Narrabeen Group/Grose Subgroup//	Early Triassic (base) to Early Triassic (top)	Siliciclastic sedimentary rock	0m	On-site
Tnac	Caley Formation	Claystone, shale, fine- to coarse-grained, quartz-lithic sandstone with common cross-bedding.	/Narrabeen Group/Caley Formation//	Lopingian (base) to Early Triassic (top)	Mudstone	1170 m	East
Cgho	Bonny Hills Granite	Porphyritic biotite granite with aplite veins.	Bathurst Supersuite/Hartley Suite/Bonny Hills Granite//	Carboniferous (Mississippian) (base) to Carboniferous (Pennsylvanian) (top)	Granite	1215 m	South
Tnru	Burra-Moko Head Sandstone	Quartzose to quartz-lithic sandstone with common cross-bedding. Minor green to grey claystone horizons.	/Narrabeen Group/Grose Subgroup/Burra-Moko Head Sandstone//	Early Triassic (base) to Triassic (top)	Sandstone	1248 m	East

# Geology

Wallerawang, NSW 2845

## Linear Geological Structures

Fault and shear or schist zone boundaries within the dataset buffer:

Map ID	Boundary Type	Feature Description	Fault Dip Angle	Fault Dip Direction	Dist	Dir
208391	Faulted boundary	Fault, position accurate	Moderate		0m	On-site
208062	Faulted boundary	Fault, position accurate	Moderate		165m	North West
202435	Faulted boundary	Fault, position accurate	Moderate		166m	North West
205296	Faulted boundary	Fault, position accurate	Moderate		166m	North West
203024	Faulted boundary	Fault, position accurate	Moderate		236m	North West
203031	Faulted boundary	Fault, position accurate	Moderate		295m	North West
203994	Faulted boundary	Fault, position accurate	Moderate		295m	North West
203791	Faulted boundary	Fault, position accurate	Moderate		325m	West
204008	Faulted boundary	Fault, position accurate	Moderate		334m	North West
206164	Faulted boundary	Fault, position accurate	Moderate		334m	North West
202479	Faulted boundary	Fault, position accurate	Moderate		420m	West
202298	Faulted boundary	Fault, position accurate	Moderate		443m	West
205189	Faulted boundary	Fault, position accurate	Moderate		1333m	North West
206180	Faulted boundary	Fault, position accurate			1343m	North East

Trendlines within the dataset buffer:

Map ID	Feature Description	Observation Method	Structure Name	Dist	Dir
NA	No records in buffer				

Fold axes within the dataset buffer:

Map ID	Feature Description	Observation Method	Structure Name	Dist	Dir
NA	No records in buffer				

Marker beds within the dataset buffer:

Map ID	Feature Description	Rock Unit Description	Dist	Dir
NA	No records in buffer			

Geological Data Source: Statewide Seamless Geology v2.4, NSW Department of Primary Industries and Regional Development  
Creative Commons 4.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/4.0/au/deed.en>

# Naturally Occurring Asbestos Potential

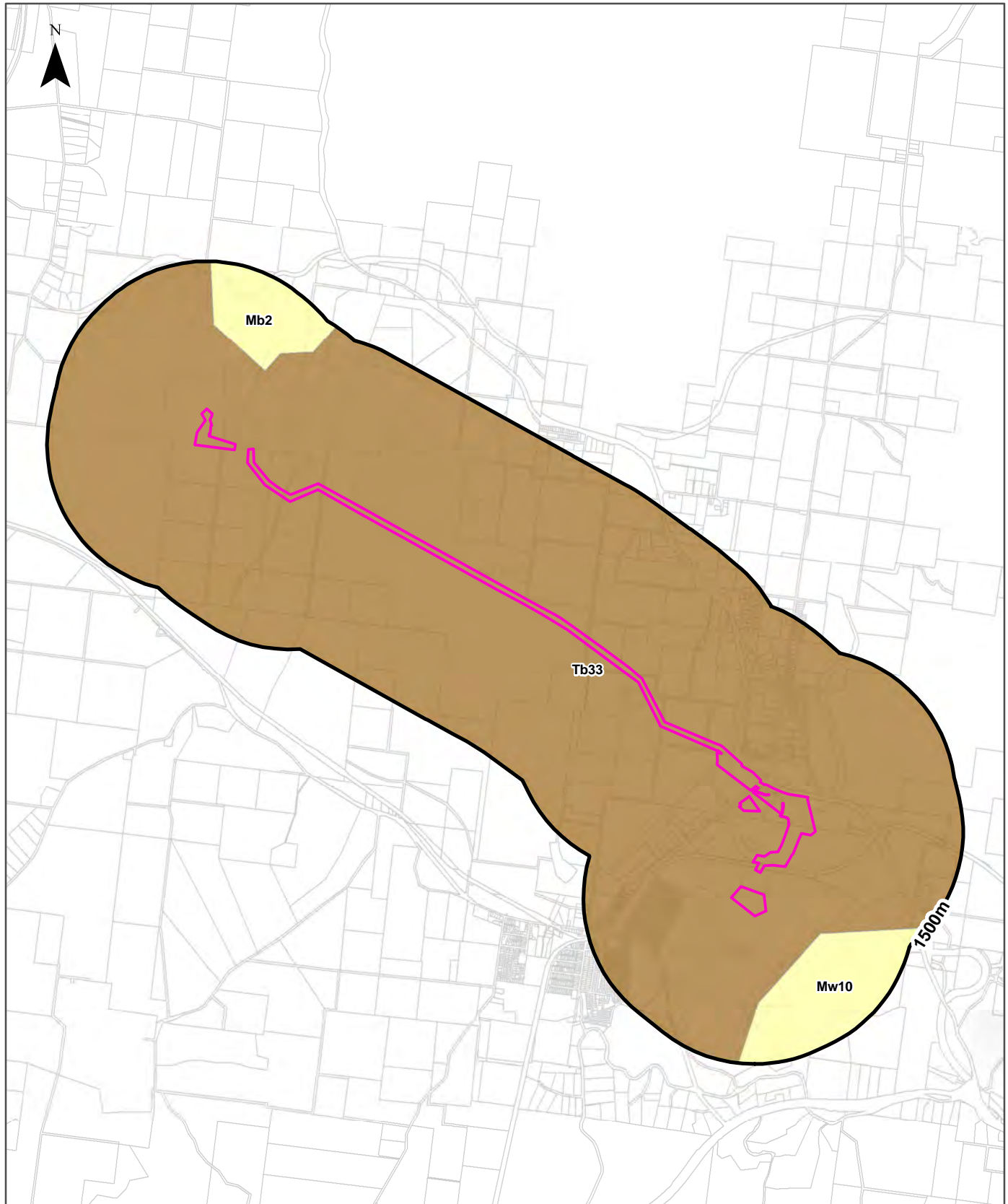
Wallerawang, NSW 2845

## Naturally Occurring Asbestos Potential

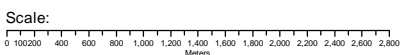
Naturally Occurring Asbestos Potential within the dataset buffer:

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

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



<b>Legend</b>		<b>Australian Soil Classification Orders</b>					
Site Boundary	Anthrosol	Dermosol	Kandosol	Podosol	Tenosol	No Data	
Buffer 1500m	Calcarosol	Ferrosol	Kurosol	Rudosol	Vertosol		
Property Boundary	Chromosol	Hydrosol	Organosol	Sodosol	Lake		



Data Sources: Property Boundaries & Topographic Data:  
© Department Finance, Services & Innovation 2024

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

# Soils

Wallerawang, NSW 2845

## Atlas of Australian Soils

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

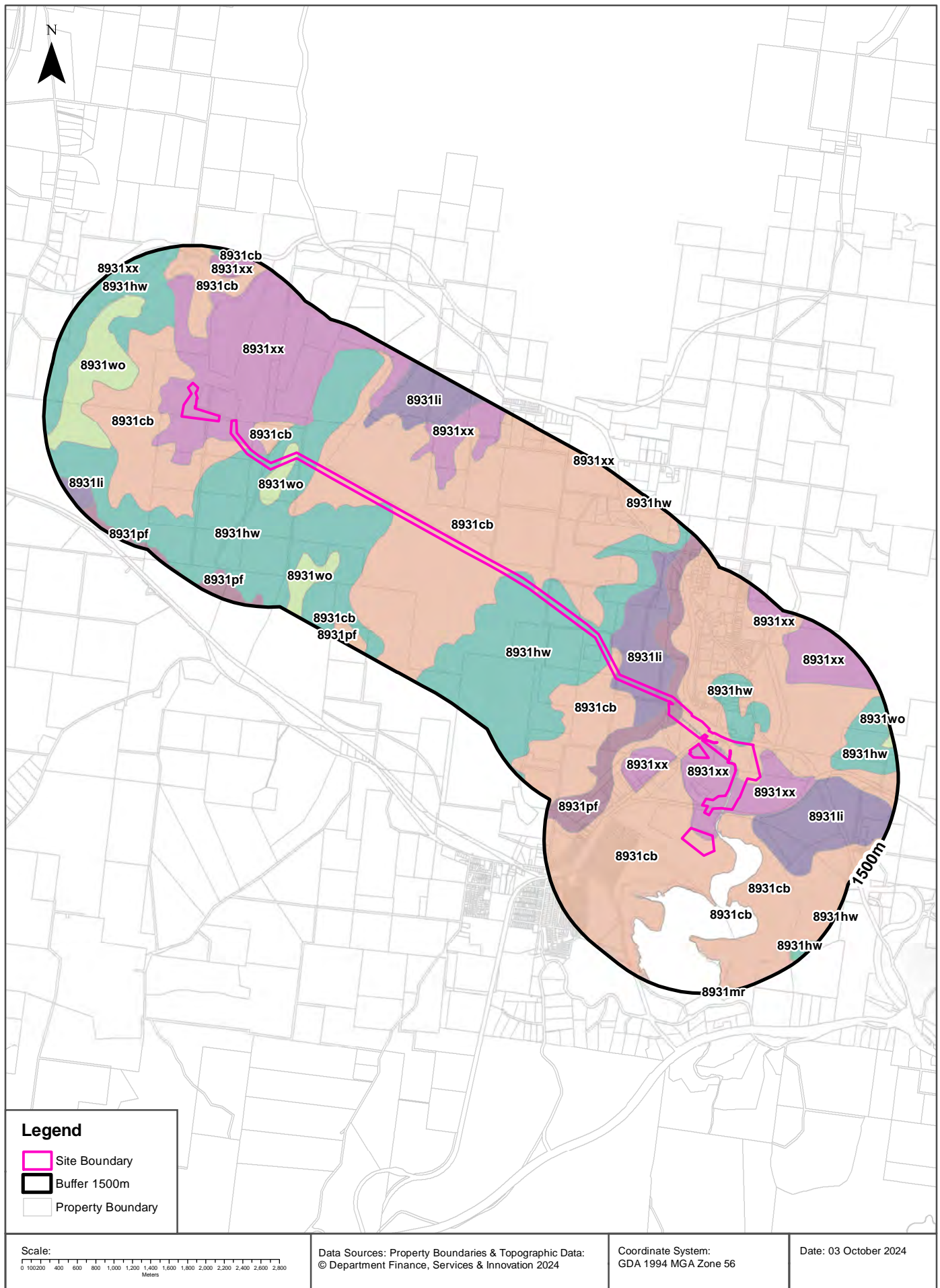
Map Unit Code	Soil Order	Map Unit Description	Distance	Direction
Tb33	Sodosol	Dissected plateau: chief soils on undulating ridge crests are hard acidic yellow mottled soils (Dy3.41). Associated are: moderate to steep side slopes of various earths (Gn2), such as (Gn2.14), (Gn2.2), and (Gn2.9); some hilly areas of (Dr2.21), (Dy2.21), (Dy3.41), (Um4.1), and (Um4.2) soils with rock outcrops; some talus slopes of (Uc1.2) and (Uc2.2) soils; and some small flat areas of units Tb32 and Tb39.	0m	On-site
Mw10	Kandosol	Hilly to steep and rugged country with some flat to undulating areas: chief soils seem to be acid leached red and yellow earths (Gn2.14, Gn2.24, Gn2.34). Associated are (Dy3.41) and possibly other soils. Compare unit Mr2. Data are limited.	562m	South East
Mb2	Kandosol	Dissected sandstone plateau of moderate to strong relief with sandstone pillars, ledges, and slabs-- level to undulating ridges, irregularly benched slopes, steep ridges, cliffs, canyons, narrow sandy valleys: chief soils are (i) on areas of gentle to moderate relief, acid yellow leached earths (Gn2.74) and (Gn2.34) and acid leached yellow earths (Gn2.24)- sometimes these soils contain ironstone gravel; and (ii) on, or adjacent to, areas of strong relief, siliceous sands (Uc1.2), leached sands (Uc2.12) and (Uc2.2), and shallow forms of the above (Gn2) soils. Associated are: (i) on flat to gently undulating remnants of the original plateau surface, leached sands (Uc2.3), siliceous sands (Uc1.2), sandy earths (Uc5.22), and (Gn2) soils as for (i) above (these areas are in part comparable with unit Cb29); (ii) on flat ironstone gravelly remnants of the original plateau surface, (Gn2) soils as for unit Mb5(i); (iii) on gently undulating ridges where interbedded shales are exposed, shallow, often stony (Dy3.41), (Dr2.21), and related soils similar to unit Tb35; (iv) narrow valleys of (Uc2.3) soils flanked by moderate slopes of (Dy3.41) soils; (v) escarpments of steep hills with shallow (Dy) and (Dr) soils between sandstone pillars; and (vi) shallow (Um) soils, such as (Um6.21) on steep hills of basic rocks. As mapped, minor areas of units Mg20, Mm1, and Mw8 are included. Data are limited.	677m	North West

Atlas of Australian Soils Data Source: CSIRO

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# Soil Landscapes of Central and Eastern NSW

Wallerawang, NSW 2845



# Soils

Wallerawang, NSW 2845

## Soil Landscapes of Central and Eastern NSW

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

Soil Code	Name	Distance	Direction
<a href="#">8931hw</a>	Hassans Walls	0m	On-site
<a href="#">8931xx</a>	Disturbed Terrain	0m	On-site
<a href="#">8931lj</a>	Lithgow	0m	On-site
<a href="#">8931pf</a>	Pipers Flat	0m	On-site
<a href="#">8931wo</a>	Wollangambe	0m	On-site
<a href="#">8931cb</a>	Cullen Bullen	0m	On-site
<a href="#">8931mr</a>	Marrangaroo	1476m	South

Soil Landscapes of Central and Eastern NSW: NSW Department of Planning, Industry and Environment  
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# Acid Sulfate Soils

Wallerawang, NSW 2845

## Environmental Planning Instrument - Acid Sulfate Soils

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

Soil Class	Description	EPI Name
N/A		

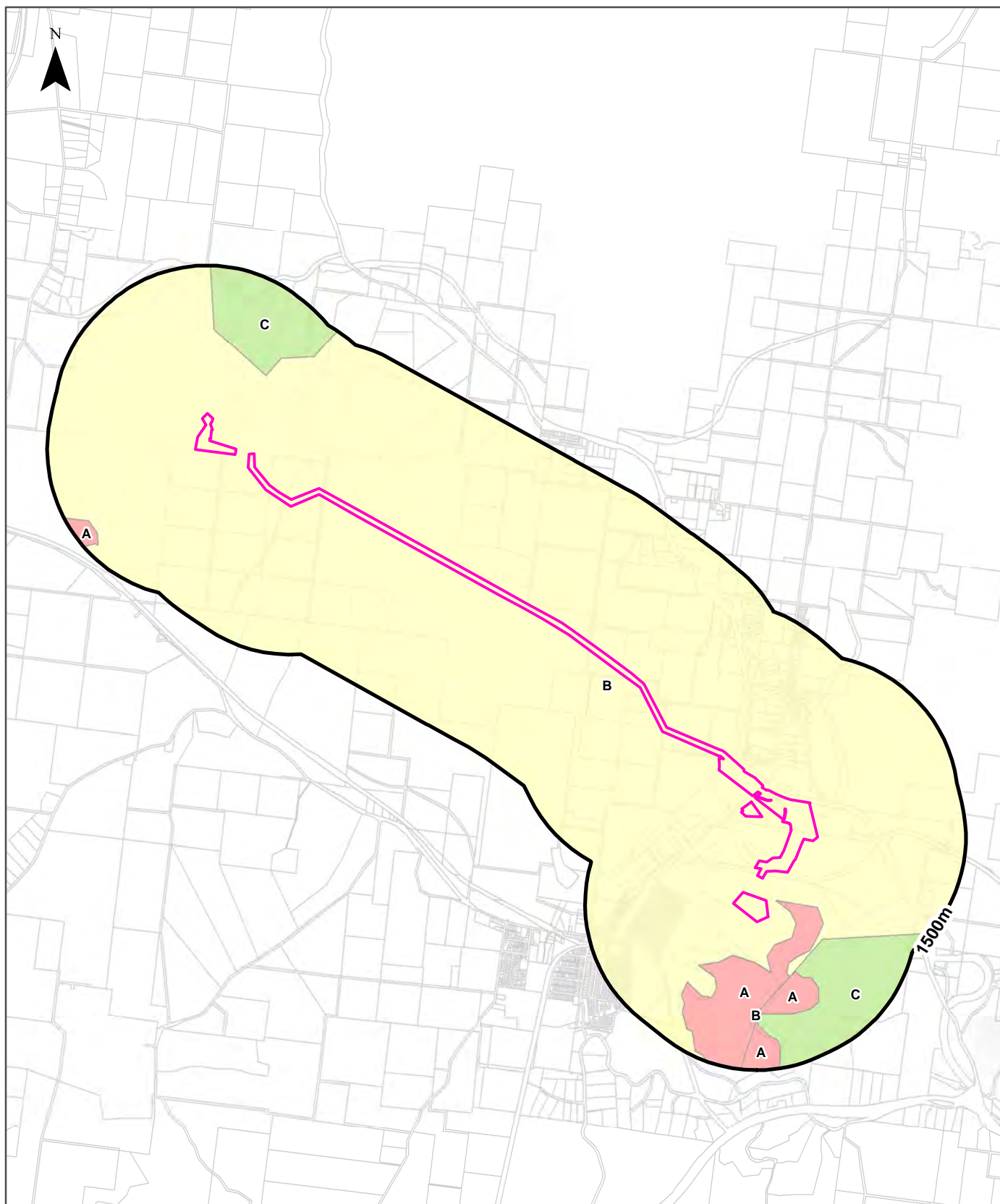
If the on-site Soil Class is 5, what other soil classes exist within 500m?

Soil Class	Description	EPI Name	Distance	Direction
N/A				

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# Atlas of Australian Acid Sulfate Soils

Wallerawang, NSW 2845



<b>Legend</b>		<b>Probability of occurrence of Acid Sulfate Soils</b>	
Site Boundary	A. High (>70%)	C. Extremely Low (1-5%)	
Buffer 1500m	B. Low (6-70%)	D. No Chance (0%)	
Property Boundary			
<b>Scale:</b> 0 100 200 400 600 800 1,000 1,200 1,400 1,600 1,800 2,000 2,200 2,400 2,600 2,800 Meters	<b>Data Sources:</b> Property Boundaries & Topographic Data. © Department Finance, Services & Innovation 2024	<b>Coordinate System:</b> GDA 1994 MGA Zone 56	<b>Date:</b> 03October 2024

# Acid Sulfate Soils

Wallerawang, NSW 2845

## Atlas of Australian Acid Sulfate Soils

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

Class	Description	Distance	Direction
B	Low Probability of occurrence. 6-70% chance of occurrence.	0m	On-site
A	High Probability of occurrence. >70% chance of occurrence.	93m	South
C	Extremely low probability of occurrence. 1-5% chance of occurrence with occurrences in small localised areas.	561m	South East

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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# Dryland Salinity

Wallerawang, NSW 2845

## Dryland Salinity - National Assessment

Is there Dryland Salinity - National Assessment data onsite?

**No**

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

**No**

What Dryland Salinity assessments are given?

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

Dryland Salinity Data Source : National Land and Water Resources Audit

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

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

# Mining

Wallerawang, NSW 2845

## Mining Subsidence Districts

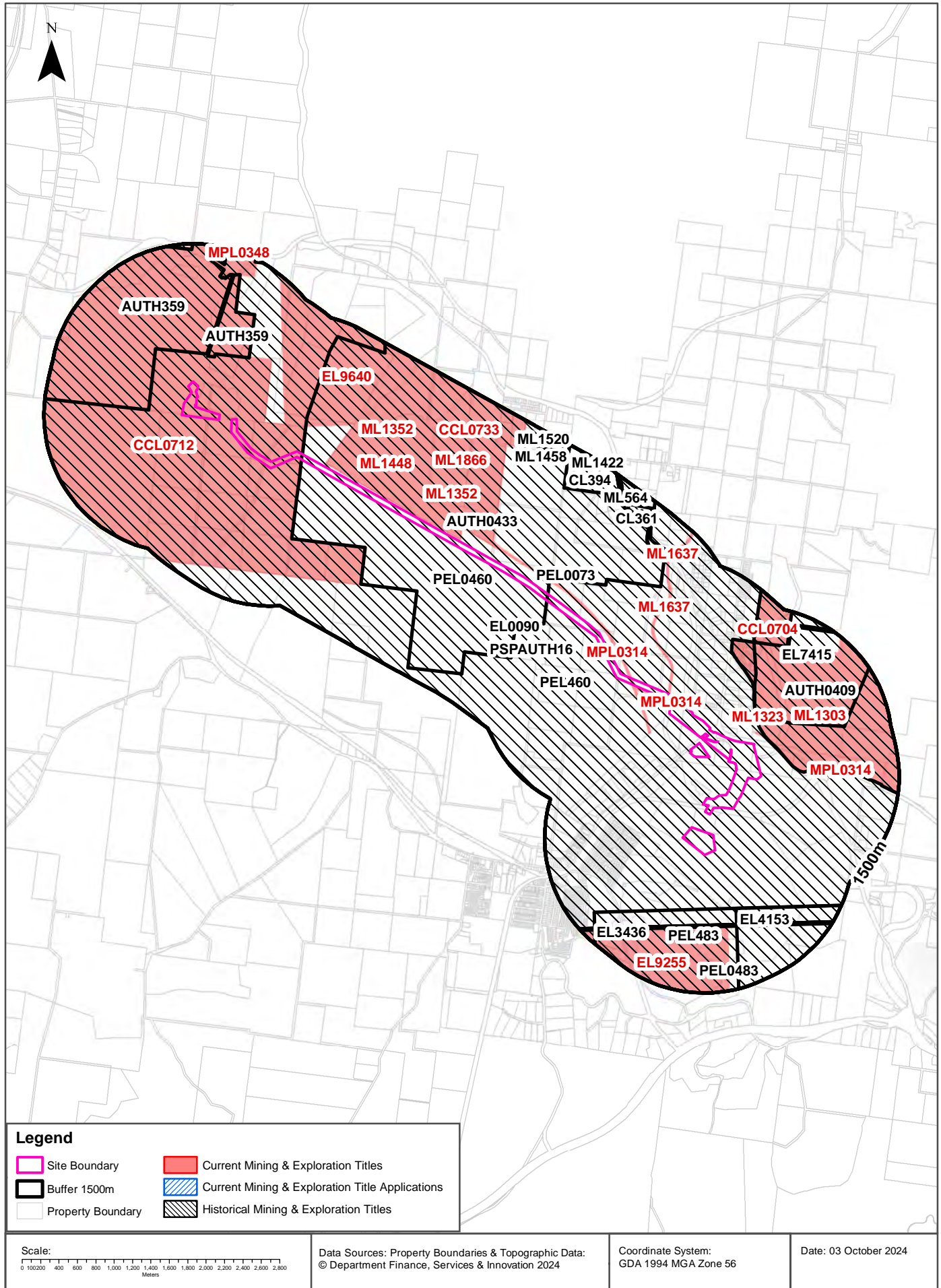
Mining Subsidence Districts within the dataset buffer:

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

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

Wallerawang, NSW 2845



# Mining

Wallerawang, NSW 2845

## Current Mining & Exploration Titles

Current Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Grant Date	Expiry Date	Last Renewed	Operation	Resource	Minerals	Dist	Dir
MPL0314	CENTENNIAL SPRINGVALE PTY LIMITED; BOULDER MINING PTY LTD	03/08/1993	03/08/2035	20140616	MINING	COAL	Nil Minerals	0m	On-site
CCL0712	IVANHOE COAL PTY LIMITED	28/06/1989	28/06/2027	20240606	MINING	COAL	Coal	0m	On-site
ML1637	ENHANCE PLACE PTY LIMITED	18/06/2012	11/12/2024	20120618	MINING	COAL	Coal	0m	On-site
ML1448	CENTENNIAL SPRINGVALE PTY LIMITED; BOULDER MINING PTY LTD	31/05/1999	31/05/2043	20230518	MINING	COAL	Coal	21m	North West
ML1303	CENTENNIAL SPRINGVALE PTY LIMITED; BOULDER MINING PTY LTD	15/12/1992	15/12/2034	20140508	MINING	COAL	Coal	144m	East
ML1866	CENTENNIAL SPRINGVALE PTY LIMITED; BOULDER MINING PTY LTD	15/11/2023	15/11/2044	20231115	MINING	COAL	Nil Minerals	200m	North West
CCL0733	CENTENNIAL SPRINGVALE PTY LIMITED; BOULDER MINING PTY LTD	23/05/1990	03/07/2027	20231115	MINING	COAL	Coal	200m	North West
ML1323	CENTENNIAL SPRINGVALE PTY LIMITED; BOULDER MINING PTY LTD	03/08/1993	03/08/2035	20201202	MINING	COAL	Coal	201m	East
EL9640	STRATEGIC RARE EARTHS PTY LTD	25/03/2024	25/03/2026	20240325	EXPLORING	MINERALS	Group 1, Group 10	269m	North West
ML1352	CENTENNIAL SPRINGVALE PTY LIMITED; BOULDER MINING PTY LTD	23/06/1994	23/06/2036	20150623	MINING	COAL	Nil Minerals	334m	North West
EL9255	WALKER QUARRIES PTY LTD	23/07/2021	23/07/2026	20210723	EXPLORING	MINERALS	Group 2	762m	South

Title Ref	Holder	Grant Date	Expiry Date	Last Renewed	Operation	Resource	Minerals	Dist	Dir
CCL0704	CENTENNIAL SPRINGVALE PTY LIMITED; BOULDER MINING PTY LTD	02/01/1990	20/07/2039	20230525	MINING	COAL	Coal	1031m	East
MPL0348	IVANHOE COAL PTY LIMITED	24/05/2004	23/05/2025	20040524	MINING	COAL	Nil Minerals	1455m	North West

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

## Current Mining & Exploration Title Applications

Current Mining & Exploration Title Applications within the dataset buffer:

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

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

# Mining

Wallerawang, NSW 2845

## Historical Mining & Exploration Titles

Historical Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Start Date	End Date	Resource	Minerals	Dist	Dir
PEL460	DART ENERGY (APOLLO) PTY LTD	20080708	20130215	MINERALS		0m	On-site
AUTH0433	CLUTHA SPRINGVALE LIMITED,SAMSUNG DEVELOPMENT (AUST) PTY LTD	19901207	19991207	COAL	Coal	0m	On-site
PEL0460	DART ENERGY (APOLLO) PTY LTD	20080807	20150603	PETROLEUM	Petroleum	0m	On-site
EL0090	CONTINENTAL OIL CO OF AUSTRALIA LIMITED	19670201	19680201	MINERALS		0m	On-site
PEL0073	WOOD, A.J.			PETROLEUM	Petroleum	0m	On-site
PSPAUTH16	MACQUARIE ENERGY PTY LTD	20070803	20080703	PETROLEUM	Petroleum	0m	On-site
AUTH0409	CLUTHA SPRINGVALE LIMITED,SAMSUNG DEVELOPMENT (AUST) PTY LTD	19890301	20000125	COAL	Coal	144m	East
EL7415	BOULDER MINING PTY LTD,CENTENNIAL SPRINGVALE PTY LIMITED	20141020	20161102	MINERALS		305m	East
AUTH359	IVANHOE COAL PTY LIMITED	19930511	19970624	MINERALS		316m	North West
EL3436	CLUTHA MINERALS LIMITED	19890301	19901201	MINERALS	Dimension Stone	589m	South
EL4153	DACCA PTY LTD	19911201	19940301	MINERALS	Dimension stone Granite	671m	South East
PEL0483	EAST COAST POWER PTY LTD	20100605	20110411	PETROLEUM	Petroleum	762m	South
PEL483	EAST COAST POWER PTY LTD	20100506	30000101	MINERALS		762m	South
CL361	BOULDER MINING PTY LTD,CENTENNIAL SPRINGVALE PTY LIMITED	20101220	30000101	MINERALS		1044m	North East
CL394	BOULDER MINING PTY LTD,CENTENNIAL SPRINGVALE PTY LIMITED	19920527	20130527	MINERALS		1059m	North
ML1458	ENHANCE PLACE PTY LIMITED	19991129	30000101	MINERALS		1222m	North
ML564	BOULDER MINING PTY LTD,CENTENNIAL SPRINGVALE PTY LIMITED	20030503	30000101	MINERALS		1300m	North East
ML1520	ENHANCE PLACE PTY LIMITED	20020829	30000101	MINERALS		1312m	North
ML1422	ENHANCE PLACE PTY LIMITED	19971203	30000101	MINERALS		1384m	North

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

# State Environmental Planning Policy

Wallerawang, NSW 2845

## State Significant Precincts

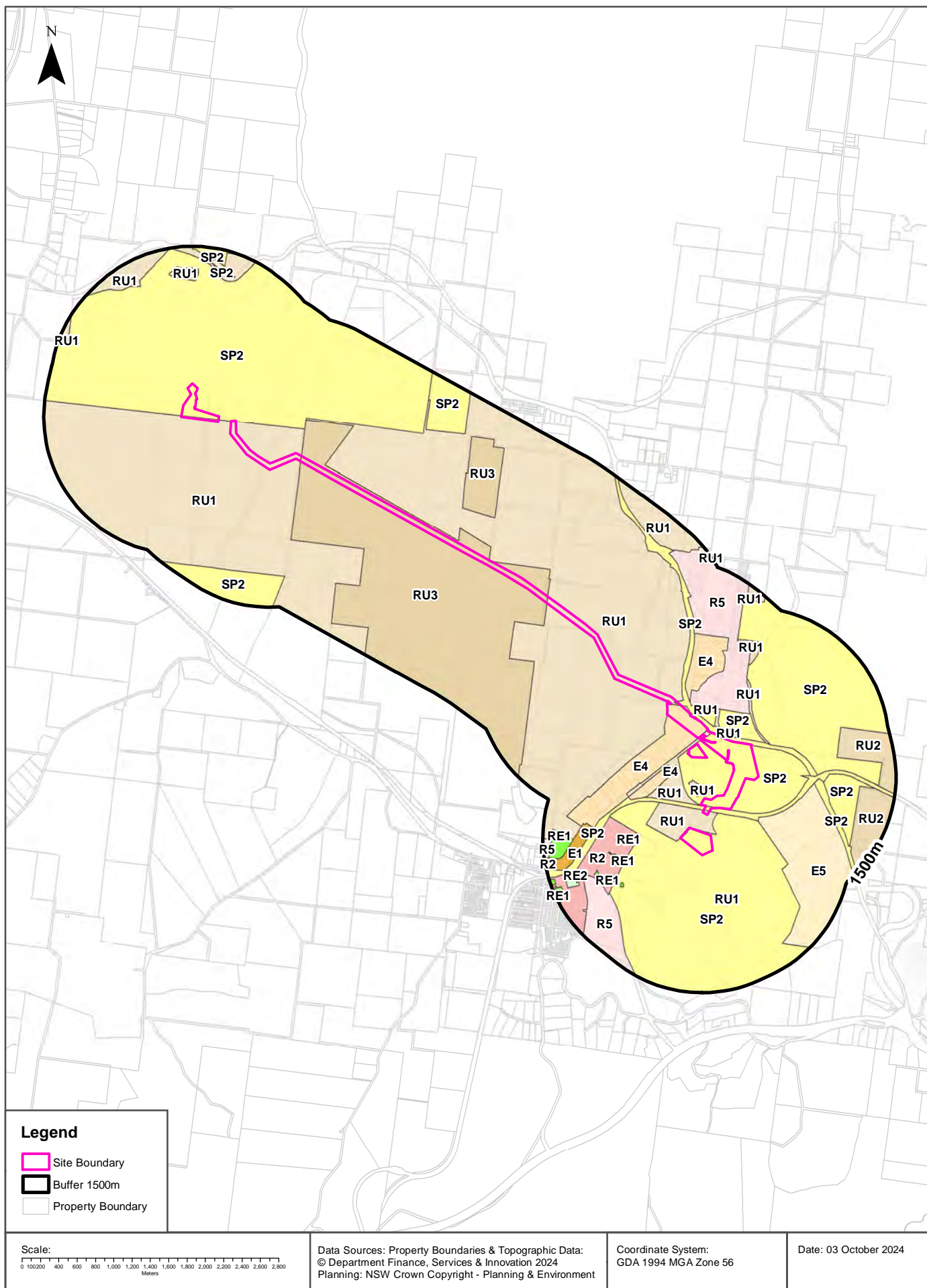
What SEPP State Significant Precincts exist within the dataset buffer?

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

State Environment Planning Policy Data Source: NSW Crown Copyright - Planning & Environment  
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# EPI Planning Zones

Wallerawang, NSW 2845



# Environmental Planning Instrument

Wallerawang, NSW 2845

## Land Zoning

What EPI Land Zones exist within the dataset buffer?

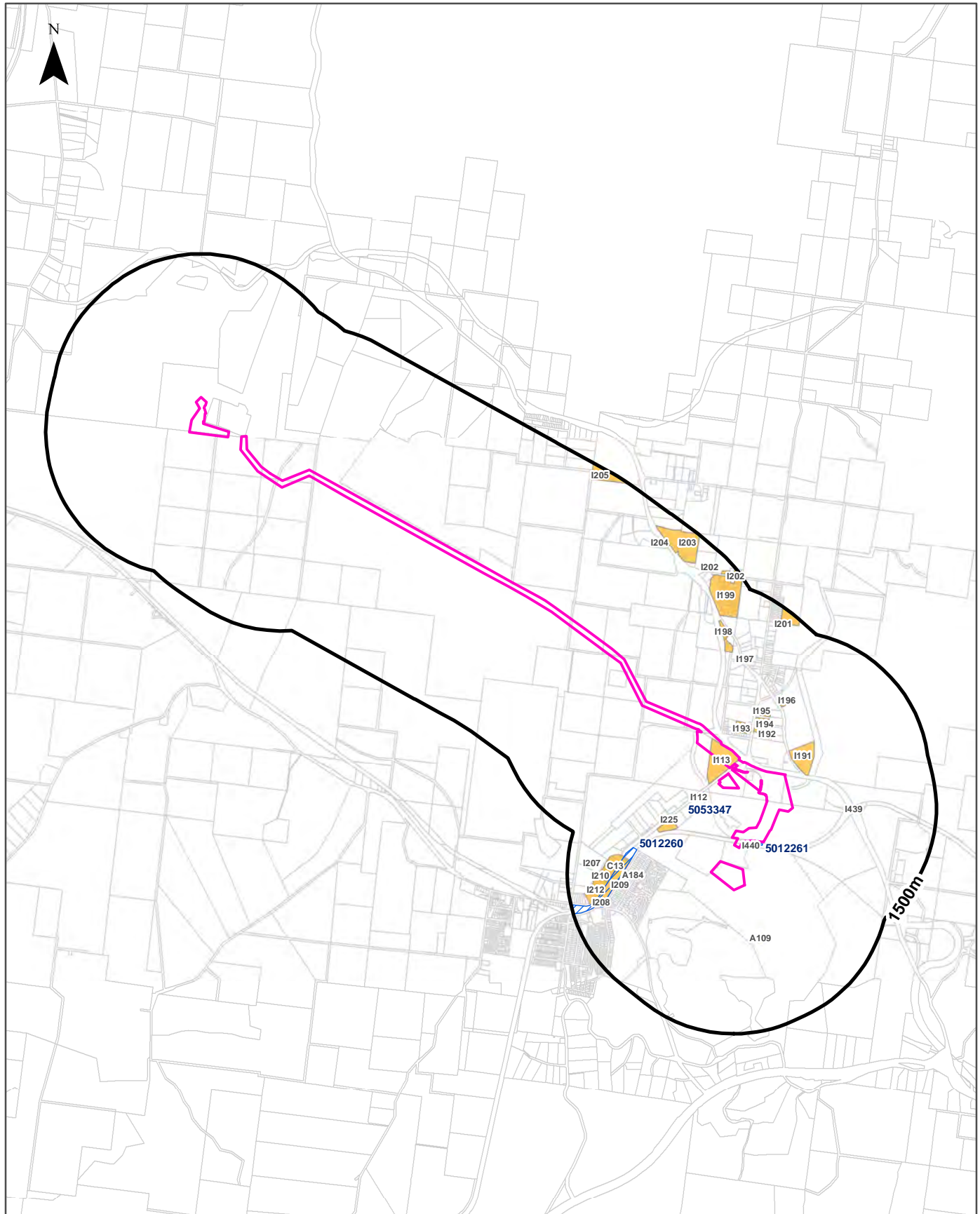
Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
RU1	Primary Production		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	0m	On-site
SP2	Infrastructure	Rail Infrastructure Facility	Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	0m	On-site
E4	General Industrial		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	0m	On-site
RU3	Forestry		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	0m	On-site
SP2	Infrastructure	Electricity Generating Works	Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	0m	On-site
SP2	Infrastructure	Roads and Traffic Facility	Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	0m	East
RU1	Primary Production		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	31m	South East
SP2	Infrastructure	Electricity Generating Works	Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	40m	South East
SP2	Infrastructure	Electricity Generating Works	Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	48m	South East

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
RU1	Primary Production		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	50m	North East
R5	Large Lot Residential		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	75m	East
E4	General Industrial		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	89m	East
SP2	Infrastructure	Electricity Generating Works	Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	145m	East
E4	General Industrial		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	178m	South East
E5	Heavy Industrial		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	308m	South East
RU3	Forestry		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	357m	North West
R2	Low Density Residential		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	440m	South
RU1	Primary Production		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	531m	South East
RE1	Public Recreation		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	556m	South
SP2	Infrastructure	Roads and Traffic Facility	Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	611m	South East

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
RE1	Public Recreation		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	636m	South
SP2	Infrastructure	Electricity Generating Works	Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	710m	South East
RE1	Public Recreation		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	796m	South
RE1	Public Recreation		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	863m	South
RU2	Rural Landscape		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	877m	South East
SP2	Infrastructure	Waste or Resource Management Facility	Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	910m	North West
E1	Local Centre		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	950m	South
R5	Large Lot Residential		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	979m	South
RU2	Rural Landscape		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	1103m	South East
RU1	Primary Production		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	1122m	North West
SP2	Infrastructure	Electricity Generating Works	Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	1136m	West

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
RE1	Public Recreation		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	1171m	South
RE2	Private Recreation		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	1191m	South
RE1	Public Recreation		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	1399m	South
R5	Large Lot Residential		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	1409m	South
RE1	Public Recreation		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	1446m	South
R2	Low Density Residential		Lithgow Local Environmental Plan 2014	24/02/2023	26/04/2023	26/04/2023	State Environmental Planning Policy Amendment (Land Use Zones) 2023	1454m	South

Environmental Planning Instrument Data Source: NSW Crown Copyright - Planning & Environment  
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<b>Legend</b>		Site Boundary	Commonwealth Heritage List	State Heritage Items
Property Boundary	Buffer 1500m	National Heritage List	EPI Heritage Items	

Scale: 	Data Sources: Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2024 Heritage - NSW Crown Copyright - Planning & Environment	Coordinate System: GDA 1994 MGA Zone 56	Date: 03 October 2024
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## Heritage

Wallerawang, NSW 2845

### 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
N/A	No records in buffer							

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
5012261	Wallerawang rail bridges over Cox's River	Main Western Railway, Wallerawang	LITHGOW CITY	02/04/1999	01064	2168	2m	South East
5053347	St John the Evangelist Church	Main Street, Wallerawang	LITHGOW CITY	10/09/2004	01702	1962	176m	South East
5012260	Wallerawang Railway Station and yard group	Main Western railway, Wallerawang	LITHGOW CITY	02/04/1999	01282	3008	809m	South

Heritage Data Source: NSW Crown Copyright - Office of Environment & Heritage  
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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
I113	Old Wallerawang School (former National School)	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	0m	On-site

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I440	11. Stone Viaduct Cox's River Wallerawang	Item - General	State	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	0m	South East
I191	The Cottage	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	145m	South East
I112	Church of St John the Evangelist	Item - General	State	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	176m	South East
I193	Braemai	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	181m	South East
I192	Meadowside	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	297m	South East
I194	Uniting Church	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	382m	South East
I195	Cottage	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	453m	East
A109	Walker-Barton Private Cemetery	Item - Archaeological	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	531m	South East
I225	Former Wallerawang Public School and Residence	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	569m	South
I439	10. Tunnel Hill Tunnels and Overbridge	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	613m	South East
I196	Cottage and Stone Barn	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	685m	East
I197	Windmill Lad Stud	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	796m	East
I198	Square and Compass Inn (former)	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	807m	East
C13	Wallerawang	Conservation Area - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	852m	South
I208	Wallerawang Junction Railway Station Group	Item - General	State	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	857m	South
A184	War Memorial	Item - Archaeological	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	977m	South
I207	Bottom Pub	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	1003m	South
I209	Surgery	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	1074m	South
I210	Wang Antiques and Emporium	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	1083m	South
I199	Woodlands	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	1096m	North East
I211	Post Office	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	1158m	South
I204	House opposite Lidsdale House	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	1171m	North East
I212	Former Commercial Banking Co.	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	1171m	South
I203	Lidsdale House and Gardens	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	1185m	North East

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
I205	Farmhouse	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	1343m	North
I202	Maddox Lane Group	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	1345m	North East
I201	The Meadows	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	1348m	East
I202	Maddox Lane Group	Item - General	Local	Lithgow Local Environmental Plan 2014	19/12/2014	19/12/2014	13/11/2015	1433m	North East

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# Natural Hazards - Bush Fire Prone Land

Wallerawang, NSW 2845



# Natural Hazards

Wallerawang, NSW 2845

## Bush Fire Prone Land

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

Bush Fire Prone Land Category	Distance	Direction
Vegetation Category 1	0m	On-site
Vegetation Category 3	0m	On-site
Vegetation Buffer	0m	On-site

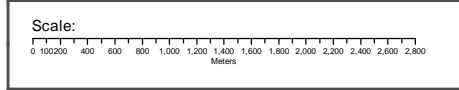
NSW Bush Fire Prone Land - © NSW Rural Fire Service under Creative Commons 4.0 International Licence

# Ecological Constraints - Vegetation & Ramsar Wetlands

Wallerawang, NSW 2845



Site Boundary	Dry Sclerophyll Forests (Shrub/grass sub-formation)	Semi-arid Woodlands (Grassy sub-formation)
Report Buffer	Dry Sclerophyll Forests (Shrubby sub-formation)	Semi-arid Woodlands (Shrubby sub-formation)
Property Boundary	Forested Wetlands	Wet Sclerophyll Forests (Grassy sub-formation)
Ramsar Wetland	Freshwater Wetlands	Wet Sclerophyll Forests (Shrubby sub-formation)
<b>Native Vegetation</b>		
Alpine Complex	Grasslands	Non vegetated
Arid Shrublands (Acacia sub-formation)	Grassy Woodlands	Unattributed
Arid Shrublands (Chenopod sub-formation)	Heathlands	Not classified
	Rainforests	Other
	Saline Wetlands	



Data Sources: Property Boundaries & Topographic Data:  
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Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

# Ecological Constraints

Wallerawang, NSW 2845

## Native Vegetation

What native vegetation exists within the dataset buffer?

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9413699	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	0m	On-site
9414781	Not classified	(Not classified) Not classified	Not classified	0m	On-site
9414782	Not classified	(Not classified) Not classified	Not classified	0m	On-site
9416842	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	0m	On-site
9416845	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	0m	On-site
9416846	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	0m	On-site
9416990	Not classified	(Not classified) Not classified	Not classified	0m	On-site
9416991	Not classified	(Not classified) Not classified	Not classified	0m	On-site
9417459	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	0m	On-site
9417460	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	0m	On-site
9417479	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	0m	On-site
9417480	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	0m	On-site
9417514	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	0m	On-site
9417516	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	0m	On-site
9417571	Not classified	(Not classified) Not classified	Not classified	0m	On-site
9417795	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	0m	On-site
9417799	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	0m	On-site
9418659	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	0m	On-site
9418660	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	0m	On-site
9418661	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	0m	On-site
9418665	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418678	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418679	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418680	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418681	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418682	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site



Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9418864	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418866	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418867	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418872	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418882	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418890	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418902	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418903	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418908	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418928	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9418956	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	On-site
9419100	Not classified	(Not classified) Not classified	Not classified	0m	On-site
9419103	Not classified	(Not classified) Not classified	Not classified	0m	On-site
9414780	Not classified	(Not classified) Not classified	Not classified	0m	West
9417468	Forested Wetlands	(Forested Wetlands) Southeast Tableland Rocky Riparian Scrub	Eastern Riverine Forests	0m	North West
9417662	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	0m	North West
9418657	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	0m	North West
9418662	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	0m	North West
9418698	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	0m	North West
9418707	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	North West
9418817	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	0m	North West
9416828	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1m	South East
9418668	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1m	North West
9418711	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1m	West
9419104	Not classified	(Not classified) Not classified	Not classified	2m	North West
9418683	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	3m	North West
9418922	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	3m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9418671	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	7m	North West
9418697	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	7m	North West
9413701	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	10m	South East
9416670	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	10m	South East
9418763	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	10m	South East
9418685	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	11m	North West
9418929	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	11m	North West
9418760	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	13m	South East
9418767	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	13m	East
9418927	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	13m	North West
9418658	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	14m	North West
9416663	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	20m	South East
9418935	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	24m	North West
9413700	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	26m	South East
9416795	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	29m	South East
9417481	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	32m	North
9416500	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	34m	South East
9416574	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	35m	South East
9418937	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	36m	North West
9416501	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	37m	South East
9416805	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	37m	South East
9417630	Not classified	(Not classified) Not classified	Not classified	37m	North West
9418686	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	38m	North West
9416806	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	39m	South East
9418765	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	41m	South East
9417519	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	42m	North West
9418841	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	47m	North West
9418931	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	47m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9416662	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	49m	South East
9416664	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	49m	South East
9417505	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	49m	South East
9418699	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	54m	North West
9416669	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	55m	South East
9417520	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	56m	North West
9417458	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	59m	West
9418663	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	61m	North West
9418961	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	63m	North West
9418948	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	64m	North West
9418670	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	66m	North West
9418939	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	66m	North West
9418677	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	68m	North West
9418762	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	75m	South East
9418847	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	75m	North West
9418958	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	75m	North West
9416671	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	77m	South East
9416665	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	83m	South East
9417521	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	86m	North West
9418664	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	91m	North West
9418687	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	92m	North West
9418768	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	93m	East
9417599	Not classified	(Not classified) Not classified	Not classified	94m	South East
9418688	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	99m	North West
9416827	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	101m	South East
9417466	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	102m	North West
9413703	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	105m	South East
9417805	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	105m	North West
9417502	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	106m	South East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9417806	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Peppermint Sheltered Forest	Sydney Montane Dry Sclerophyll Forests	107m	North West
9417621	Not classified	(Not classified) Not classified	Not classified	113m	North West
9417007	Not classified	(Not classified) Not classified	Not classified	115m	South East
9418776	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	115m	North East
9417609	Not classified	(Not classified) Not classified	Not classified	121m	North West
9417618	Not classified	(Not classified) Not classified	Not classified	121m	North West
9416668	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	122m	South East
9417624	Not classified	(Not classified) Not classified	Not classified	122m	North West
9418669	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	122m	West
9417462	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	123m	North West
9417510	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	123m	South East
9418694	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	123m	North West
9416575	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	126m	South East
9417600	Not classified	(Not classified) Not classified	Not classified	128m	South West
9416486	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	130m	South East
9417595	Not classified	(Not classified) Not classified	Not classified	130m	North West
9416812	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	133m	South East
9417614	Not classified	(Not classified) Not classified	Not classified	133m	North West
9417627	Not classified	(Not classified) Not classified	Not classified	134m	North West
9417504	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	135m	South East
9417601	Not classified	(Not classified) Not classified	Not classified	136m	North West
9417509	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	137m	South East
9418799	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	138m	North West
9417461	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	140m	North West
9418800	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	141m	North West
9416673	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	143m	East
9416573	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	145m	South East
9417506	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	147m	South East
9416502	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	148m	South East
9417625	Not classified	(Not classified) Not classified	Not classified	149m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9416503	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	153m	South East
9416499	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	160m	South East
9418752	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	165m	South
9418943	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	165m	North West
9417000	Not classified	(Not classified) Not classified	Not classified	167m	South East
9417623	Not classified	(Not classified) Not classified	Not classified	168m	South West
9418787	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	171m	North West
9416831	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	172m	South
9418692	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	172m	North West
9418858	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	173m	North West
9416504	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	175m	South East
9417503	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	176m	South East
9417972	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	177m	North West
9418942	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	179m	North West
9416824	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	180m	South
9417610	Not classified	(Not classified) Not classified	Not classified	181m	North West
9417934	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	181m	North West
9416829	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	182m	South East
9418748	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	182m	South
9416505	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	183m	South East
9418675	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	183m	North West
9418825	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	184m	North West
9416675	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	187m	East
9418759	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	188m	South
9416506	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	189m	South East
9418804	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	189m	North West
9417299	Not classified	(Not classified) Not classified	Not classified	190m	South East
9417598	Not classified	(Not classified) Not classified	Not classified	191m	South
9418944	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	192m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9418757	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	194m	South
9418950	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	196m	North West
9418807	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	197m	North West
9418873	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	201m	North West
9416667	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	203m	South East
9416489	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	204m	South East
9418901	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	204m	West
9417629	Not classified	(Not classified) Not classified	Not classified	205m	West
9416822	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	206m	South
9417478	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	206m	South
9418968	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	208m	North West
9416993	Not classified	(Not classified) Not classified	Not classified	210m	South East
9418674	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	210m	North West
9418676	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	210m	North West
9418826	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	210m	North West
9418672	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	211m	North West
9417497	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	219m	South East
9417977	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	221m	North West
9418803	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	222m	North West
9417616	Not classified	(Not classified) Not classified	Not classified	223m	West
9418884	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	223m	North West
9417573	Not classified	(Not classified) Not classified	Not classified	229m	South West
9416652	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	230m	South East
9416793	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	230m	South East
9417935	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	230m	North West
9418673	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	231m	North West
9418946	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	231m	North West
9417491	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	234m	South East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9418750	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	234m	South
9417607	Not classified	(Not classified) Not classified	Not classified	239m	North West
9417492	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	240m	South East
9418849	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	242m	West
9413708	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	243m	South East
9417970	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	244m	North West
9418898	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	246m	North West
9418758	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	247m	South
9416666	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	249m	South East
9418751	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	249m	South
9418945	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	250m	North West
9417631	Not classified	(Not classified) Not classified	Not classified	252m	North West
9417804	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	253m	North West
9417810	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Peppermint Sheltered Forest	Sydney Montane Dry Sclerophyll Forests	253m	North West
9418806	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	254m	North West
9419117	Not classified	(Not classified) Not classified	Not classified	254m	South West
9417969	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	255m	North West
9418810	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	255m	North West
9416794	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	256m	South East
9416804	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	256m	South East
9418955	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	258m	North West
9416672	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	259m	East
9417477	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	259m	South
9417622	Not classified	(Not classified) Not classified	Not classified	262m	North West
9418865	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	262m	West
9417973	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	263m	North West
9418706	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	263m	North West
9418745	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	263m	South
9417501	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	264m	South East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9417968	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	264m	North West
9418749	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	266m	South
9418755	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	266m	South
9417467	Forested Wetlands	(Forested Wetlands) Southeast Tableland Rocky Riparian Scrub	Eastern Riverine Forests	268m	West
9418823	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	268m	North West
9416848	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	270m	North West
9416790	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	273m	South East
9418690	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	273m	North West
9418827	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	276m	North West
9416999	Not classified	(Not classified) Not classified	Not classified	277m	South East
9416847	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	279m	North West
9418851	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	279m	North West
9418940	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	281m	North West
9417913	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Capertee Uplands Enriched Stringybark Forest	Southern Tableland Dry Sclerophyll Forests	284m	North West
9417878	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	285m	North West
9417482	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	286m	North
9417608	Not classified	(Not classified) Not classified	Not classified	286m	North West
9417490	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	287m	South East
9416830	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	291m	South
9417483	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	291m	North
9417971	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	292m	North West
9418870	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	292m	North West
9418869	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	293m	North West
9418954	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	294m	North West
9417496	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	297m	South
9417508	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	297m	South
9416779	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	299m	South East
9416787	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	299m	South East
9418854	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	301m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9418947	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	303m	North West
9416803	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	304m	South East
9418656	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	305m	North West
9419130	Not classified	(Not classified) Not classified	Not classified	305m	North West
9417605	Not classified	(Not classified) Not classified	Not classified	306m	North West
9416653	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	310m	South East
9418801	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	310m	North West
9418819	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	311m	North West
9416507	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	312m	South East
9418802	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	312m	West
9416832	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	313m	South East
9418655	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	313m	North West
9418855	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	314m	North West
9418835	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	315m	North West
9418821	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	316m	North West
9416811	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	317m	South East
9418753	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	317m	South
9417495	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	318m	South
9417617	Not classified	(Not classified) Not classified	Not classified	319m	North West
9418816	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	322m	North West
9418972	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	323m	North West
9416809	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	324m	South East
9418667	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	324m	North West
9418829	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	326m	West
9418844	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	326m	North West
9417603	Not classified	(Not classified) Not classified	Not classified	327m	North West
9416508	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	330m	South East
9416808	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	331m	South East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9418666	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	331m	West
9416841	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	333m	West
9417507	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	333m	South
9417809	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Peppermint Sheltered Forest	Sydney Montane Dry Sclerophyll Forests	335m	North West
9417661	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	336m	West
9417807	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Peppermint Sheltered Forest	Sydney Montane Dry Sclerophyll Forests	336m	West
9417808	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Peppermint Sheltered Forest	Sydney Montane Dry Sclerophyll Forests	338m	North West
9416509	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	341m	South East
9417803	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	342m	North West
9417817	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	343m	North West
9417802	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	344m	North West
9417974	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	344m	North West
9417800	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	345m	North West
9417801	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	345m	North West
9416510	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	347m	South East
9417484	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	349m	North
9418818	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	349m	West
9418797	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	350m	West
9416826	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	352m	South
9417454	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	352m	North East
9417489	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Ribbon Gum Forest	Tableland Clay Grassy Woodlands	352m	South East
9418808	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	353m	North West
9418833	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	355m	North West
9418930	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	357m	North West
9418975	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	357m	North West
9418949	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	359m	North West
9413953	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	363m	West
9417465	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	363m	North
9417613	Not classified	(Not classified) Not classified	Not classified	363m	North East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9417494	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	366m	South
9418796	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	367m	West
9418836	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	368m	North West
9418966	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	368m	North West
9418732	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	374m	South
9418795	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	374m	West
9418793	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	375m	West
9416792	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	376m	South East
9417471	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	376m	South
9417455	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	377m	North East
9417587	Not classified	(Not classified) Not classified	Not classified	378m	North West
9419151	Not classified	(Not classified) Not classified	Not classified	381m	North West
9417620	Not classified	(Not classified) Not classified	Not classified	383m	North West
9417591	Not classified	(Not classified) Not classified	Not classified	385m	North West
9418789	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	385m	North
9416820	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	386m	South
9417976	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	386m	North West
9418967	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	386m	North West
9419095	Not classified	(Not classified) Not classified	Not classified	386m	West
9419141	Not classified	(Not classified) Not classified	Not classified	386m	North West
9416702	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	388m	North West
9418820	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	388m	North West
9418840	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	390m	North West
9417517	Forested Wetlands	(Forested Wetlands) Southeast Tableland Rocky Riparian Scrub	Eastern Riverine Forests	391m	West
9417798	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	392m	North West
9417978	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	394m	North West
9416825	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	396m	South
9418824	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	396m	North West
9416577	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	397m	South East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9416823	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	397m	South
9417818	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	398m	North West
9417500	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	399m	South East
9418733	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	402m	South
9416816	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	404m	South East
9416857	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	404m	North West
9417485	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	404m	North
9419096	Not classified	(Not classified) Not classified	Not classified	405m	North West
9416819	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	406m	South
9417965	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	406m	West
9417456	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	408m	North East
9417612	Not classified	(Not classified) Not classified	Not classified	409m	North West
9417619	Not classified	(Not classified) Not classified	Not classified	411m	North East
9416677	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	412m	North East
9413897	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	414m	West
9417347	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	414m	North West
9418813	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	414m	North
9418809	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	415m	North
9418951	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	415m	North West
9417346	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	417m	North West
9418926	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	417m	North West
9418952	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	417m	North West
9416578	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	418m	South East
9418691	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	424m	West
9417499	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	425m	South East
9418708	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	427m	West
9417975	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	428m	North West
9416800	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	430m	South East
9417515	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	430m	West
9413954	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	431m	West
9417498	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	431m	South East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9413973	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	432m	West
9416576	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	432m	East
9417464	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	433m	North
9418689	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	438m	North West
9416681	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	439m	North East
9416810	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	439m	South
9416815	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	439m	South
9418782	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	439m	West
9416696	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	440m	South East
9417463	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	442m	North
9416693	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	448m	South East
9416834	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	448m	East
9417348	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	448m	North West
9417606	Not classified	(Not classified) Not classified	Not classified	448m	North West
9417486	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	449m	North
9417522	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	450m	North West
9416680	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	451m	North East
9417939	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	451m	North West
9416818	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	454m	South
9418822	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	456m	North West
9416498	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	458m	South East
9417473	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	459m	South
9416859	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	460m	North West
9417345	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	461m	North West
9418781	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	463m	West
9416833	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	464m	East
9417453	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	464m	North East
9417899	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	467m	North West
9416856	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	468m	North West
9417518	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	468m	West
9417525	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	468m	North West
9416813	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	470m	South

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9416860	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	470m	North West
9418747	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	470m	South
9419097	Not classified	(Not classified) Not classified	Not classified	470m	North West
9416688	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	471m	North East
9416654	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	473m	East
9418815	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	473m	North
9419127	Not classified	(Not classified) Not classified	Not classified	473m	North West
9416821	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	474m	South
9416571	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	477m	South East
9418786	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	477m	North
9416687	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	478m	North East
9416814	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	478m	South
9417615	Not classified	(Not classified) Not classified	Not classified	479m	North West
9418739	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	479m	South
9416569	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	480m	East
9416807	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	480m	South East
9417524	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	482m	North West
9417470	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	485m	South
9416497	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	486m	South East
9416564	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	486m	South East
9416685	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	489m	North East
9416570	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	491m	South East
9417604	Not classified	(Not classified) Not classified	Not classified	491m	North West
9414584	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Peppermint Sheltered Forest	Sydney Montane Dry Sclerophyll Forests	494m	West
9418192	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	496m	North West
9418920	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	500m	West
9416861	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	501m	North West
9418830	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	503m	North West
9416563	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	504m	South East
9416655	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	504m	East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9418778	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	507m	West
9416864	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	509m	North West
9417487	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	512m	North
9418791	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	512m	North
9418856	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	514m	North West
9417008	Not classified	(Not classified) Not classified	Not classified	516m	East
9416559	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	519m	South East
9417350	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	519m	North West
9417903	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	520m	North West
9416695	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	521m	South East
9416562	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	522m	South East
9412342	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	523m	South East
9416865	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	523m	North West
9416694	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	524m	South East
9416716	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	526m	South East
9412343	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	528m	South East
9416867	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	531m	North West
9417476	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	534m	South
9417945	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	535m	North West
9417475	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	539m	South
9416674	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	541m	East
9418774	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	541m	West
9418777	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	541m	West
9414583	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	542m	West
9417469	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	542m	South
9418736	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	542m	South
9418773	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	542m	West
9418775	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	542m	West
9417004	Not classified	(Not classified) Not classified	Not classified	544m	South East
9417349	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	545m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9419146	Not classified	(Not classified) Not classified	Not classified	545m	North West
9418848	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	548m	North West
9417796	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	551m	North West
9416649	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	552m	East
9416560	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	554m	South East
9416684	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	555m	North East
9418852	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	557m	West
9416817	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	558m	East
9417474	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	558m	South
9417966	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	564m	West
9416572	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	565m	South East
9416561	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	568m	South East
9417472	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	572m	South
9417940	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	572m	North West
9418843	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	573m	North West
9416488	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	574m	South East
9418737	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	582m	South
9417967	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	584m	West
9416714	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	586m	South East
9418193	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	587m	North West
9417944	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	589m	North West
9418904	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	589m	West
9416487	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	592m	South East
9417513	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	594m	West
9416835	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	597m	East
9416656	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	599m	East
9418879	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	601m	North West
9416863	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	602m	North West
9418798	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	602m	North
9416690	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	606m	North East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9417526	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	606m	North West
9418862	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	610m	North West
9414237	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	613m	West
9417589	Not classified	(Not classified) Not classified	Not classified	617m	North West
9418191	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	620m	North West
9419102	Not classified	(Not classified) Not classified	Not classified	620m	North West
9419099	Not classified	(Not classified) Not classified	Not classified	621m	North West
9419118	Not classified	(Not classified) Not classified	Not classified	623m	South West
9417523	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	629m	North West
9418713	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	629m	North West
9413969	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	631m	West
9417594	Not classified	(Not classified) Not classified	Not classified	635m	North West
9418886	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	638m	North West
9417819	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	644m	North West
9416791	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	646m	South East
9417904	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	646m	North West
9417251	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	647m	South East
9416871	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	648m	North West
9417488	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	648m	North
9418857	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	649m	North West
9417602	Not classified	(Not classified) Not classified	Not classified	650m	North West
9418700	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	650m	North West
9419145	Not classified	(Not classified) Not classified	Not classified	650m	North West
9418983	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	653m	North West
9413902	Forested Wetlands	(Forested Wetlands) Southeast Tableland Rocky Riparian Scrub	Eastern Riverine Forests	655m	West
9416679	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	655m	East
9418712	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	655m	North West
9416784	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	659m	South East
9416836	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	666m	East
9414286	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	668m	West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9418868	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	676m	North West
9419098	Not classified	(Not classified) Not classified	Not classified	676m	North West
9417343	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	677m	North West
9417002	Not classified	(Not classified) Not classified	Not classified	678m	South East
9419123	Not classified	(Not classified) Not classified	Not classified	687m	North West
9416678	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	690m	East
9417663	Forested Wetlands	(Forested Wetlands) Southeast Tableland Rocky Riparian Scrub	Eastern Riverine Forests	690m	West
9419131	Not classified	(Not classified) Not classified	Not classified	694m	North West
9417797	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	695m	North West
9418735	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	696m	South
9418985	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	696m	North West
9418837	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	697m	North
9417900	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	698m	North West
9418984	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	698m	North West
9417597	Not classified	(Not classified) Not classified	Not classified	699m	South West
9418888	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	699m	North West
9418740	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	700m	South
9418871	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	702m	North West
9418905	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	702m	North West
9418194	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	703m	North West
9417586	Not classified	(Not classified) Not classified	Not classified	705m	North West
9418863	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	705m	North West
9417626	Not classified	(Not classified) Not classified	Not classified	706m	North West
9418839	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	707m	North
9413952	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	710m	West
9417590	Not classified	(Not classified) Not classified	Not classified	711m	North West
9417592	Not classified	(Not classified) Not classified	Not classified	711m	North West
9418850	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	713m	North

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9418874	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	713m	North West
9417941	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	714m	North West
9417946	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	715m	North West
9413968	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	716m	West
9419116	Not classified	(Not classified) Not classified	Not classified	717m	South
9417585	Not classified	(Not classified) Not classified	Not classified	718m	North West
9417593	Not classified	(Not classified) Not classified	Not classified	718m	North West
9418880	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	719m	North West
9416490	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	720m	East
9417588	Not classified	(Not classified) Not classified	Not classified	720m	North West
9418743	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	721m	South West
9418701	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	722m	North West
9417906	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	724m	North West
9417964	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	727m	West
9414283	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	732m	West
9417905	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	732m	North West
9418859	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	734m	North
9418195	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	735m	North West
9418887	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	737m	West
9416676	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	738m	East
9418734	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	741m	South
9416837	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	742m	East
9417914	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	745m	North West
9416582	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	749m	East
9418909	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	750m	North West
9416650	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	751m	East
9417901	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	752m	North West
9418831	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	759m	West
9417902	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	762m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9418982	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	764m	North West
9416838	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	770m	East
9418196	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	771m	North West
9417942	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	773m	North West
9418730	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	777m	South
9417006	Not classified	(Not classified) Not classified	Not classified	780m	East
9417570	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	780m	North West
9417915	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	780m	North West
9418919	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	786m	North West
9413970	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	792m	West
9417611	Not classified	(Not classified) Not classified	Not classified	793m	South
9417493	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	794m	South
9418727	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	794m	South
9413723	Not classified	(Not classified) Not classified	Not classified	797m	South East
9416798	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	798m	South
9418878	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	798m	North West
9418876	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	800m	North West
9416565	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	801m	East
9416584	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	801m	East
9414280	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	802m	West
9418979	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	805m	North West
9413900	Forested Wetlands	(Forested Wetlands) Southeast Tableland Rocky Riparian Scrub	Eastern Riverine Forests	808m	West
9418973	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	808m	North West
9417916	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	814m	North West
9418881	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	818m	North West
9418913	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	819m	North West
9413901	Forested Wetlands	(Forested Wetlands) Southeast Tableland Rocky Riparian Scrub	Eastern Riverine Forests	820m	West
9413974	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Peppermint Sheltered Forest	Sydney Montane Dry Sclerophyll Forests	821m	West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9416872	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	824m	North West
9418976	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	824m	North West
9413964	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	827m	West
9417917	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	835m	North West
9418978	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	839m	North West
9416657	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	840m	East
9416783	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	840m	South
9413896	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	844m	West
9416683	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	844m	North East
9416686	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	850m	North East
9417658	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	851m	West
9417959	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Peppermint Sheltered Forest	Sydney Montane Dry Sclerophyll Forests	852m	North West
9417660	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	853m	West
9416567	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	854m	East
9418174	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	854m	North West
9418875	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	854m	North
9416651	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	868m	East
9416682	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	870m	East
9418977	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	871m	North West
9416839	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	874m	East
9417918	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	875m	North West
9413895	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	876m	West
9416840	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	880m	East
9414277	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	881m	West
9418010	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	889m	West
9416579	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	890m	East
9418889	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	890m	North West
9418814	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	893m	West
9419115	Not classified	(Not classified) Not classified	Not classified	894m	South

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9416756	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	898m	South East
9412301	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	900m	South
9418011	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	901m	West
9417569	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	902m	North West
9416873	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	904m	North West
9412293	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	909m	South
9416658	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	909m	East
9418891	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	910m	North West
9417879	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	911m	North West
9417820	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	912m	North West
9418892	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	912m	North West
9417821	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	917m	North West
9418885	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	918m	North West
9412298	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	921m	South East
9412326	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	922m	South East
9416855	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	923m	North
9418877	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	927m	North
9418883	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	932m	North
9417822	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	937m	North West
9417657	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	938m	West
9417919	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	939m	North West
9418838	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	941m	West
9417638	Heathlands	(Heathlands) Newnes Plateau Rockplate Heath	Sydney Montane Heaths	950m	South West
9417637	Heathlands	(Heathlands) Newnes Plateau Rockplate Heath	Sydney Montane Heaths	953m	South West
9412283	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	955m	South East
9416875	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	955m	North West
9416752	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	958m	South East
9416689	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	959m	North East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9416585	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	962m	East
9417659	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	962m	West
9416796	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	963m	South
9416581	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	967m	East
9417880	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	971m	North West
9416491	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	975m	East
9417512	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	975m	South
9412292	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	978m	South East
9417572	Not classified	(Not classified) Not classified	Not classified	981m	North West
9413722	Not classified	(Not classified) Not classified	Not classified	982m	South
9418197	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	983m	North West
9418938	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	983m	North West
9418936	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	984m	North West
9416992	Not classified	(Not classified) Not classified	Not classified	990m	East
9417635	Heathlands	(Heathlands) Newnes Plateau Rockplate Heath	Sydney Montane Heaths	990m	South
9417881	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	990m	North West
9418907	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	991m	North West
9416580	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	993m	East
9417920	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	993m	North West
9418895	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	994m	North
9418013	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	996m	South West
9416775	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1003m	South
9413951	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1005m	West
9416853	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1006m	North
9418015	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1008m	West
9418729	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1010m	South
9417823	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1013m	North West
9418912	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1013m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9418014	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1014m	South West
9413712	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1015m	South
9416774	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1015m	South
9417921	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1017m	North West
9418906	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1019m	North West
9418910	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1022m	North West
9417596	Not classified	(Not classified) Not classified	Not classified	1023m	North West
9417960	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Peppermint Sheltered Forest	Sydney Montane Dry Sclerophyll Forests	1023m	North West
9418728	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1023m	South
9418911	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1028m	North West
9419136	Not classified	(Not classified) Not classified	Not classified	1029m	North West
9416749	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1030m	South East
9412294	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1032m	South East
9412357	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1033m	South East
9417947	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1037m	North West
9413713	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1038m	South
9413706	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1039m	South
9413899	Forested Wetlands	(Forested Wetlands) Southeast Tableland Rocky Riparian Scrub	Eastern Riverine Forests	1044m	West
9413711	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1047m	South
9416587	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1047m	East
9413705	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1049m	South
9416743	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1054m	South East
9412295	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1055m	South East
9412354	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1055m	South East
9413710	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1056m	South
9413956	Forested Wetlands	(Forested Wetlands) Southeast Tableland Rocky Riparian Scrub	Eastern Riverine Forests	1056m	West
9418916	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1060m	North
9412288	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1063m	South East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9418233	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	1065m	North West
9418925	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1066m	North
9412279	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1067m	South East
9416566	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	1069m	East
9416802	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1072m	South
9421387	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	1072m	North
9416854	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1074m	North
9416877	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1077m	North West
9416781	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1089m	South
9417949	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1089m	North West
9413709	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1090m	South
9417297	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Ribbon Gum Forest	Tableland Clay Grassy Woodlands	1090m	South
9416648	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1092m	North East
9416691	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	1092m	North East
9416843	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1092m	North East
9418723	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1094m	South
9418971	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1095m	North West
9418932	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1097m	North West
9419135	Not classified	(Not classified) Not classified	Not classified	1097m	North West
9416844	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1098m	North East
9412324	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1099m	South East
9412322	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1101m	South East
9418811	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1102m	West
9416780	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1103m	South
9417922	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1104m	North West
9418754	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1105m	West
9412330	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1108m	South East
9420344	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1109m	North East

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9412276	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1111m	South
9416778	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1111m	South East
9417923	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1111m	North West
9417298	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Ribbon Gum Forest	Tableland Clay Grassy Woodlands	1114m	South
9417632	Forested Wetlands	(Forested Wetlands) Southeast Tableland Rocky Riparian Scrub	Eastern Riverine Forests	1117m	South
9417457	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1118m	South
9420343	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1119m	North East
9416494	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1124m	East
9416801	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1125m	South
9419158	Not classified	(Not classified) Not classified	Not classified	1125m	South
9417948	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1128m	North West
9417634	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1132m	South
9414245	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1133m	West
9417924	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1137m	North West
9412345	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1139m	South East
9416594	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Upper Blue Mountains Ridgetop Woodland	Sydney Montane Dry Sclerophyll Forests	1139m	East
9417511	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1139m	South
9418900	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1139m	West
9417636	Heathlands	(Heathlands) Newnes Plateau Rockplate Heath	Sydney Montane Heaths	1141m	South West
9418702	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1141m	North West
9412323	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1142m	South East
9417825	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1142m	North West
9412359	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1145m	South East
9418899	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1146m	West
9418924	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1153m	North
9416777	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1157m	South East
9412275	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1160m	South East
9417936	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1160m	North West
9418941	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1161m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9421487	Not classified	(Not classified) Not classified	Not classified	1161m	North
9417633	Forested Wetlands	(Forested Wetlands) Southeast Tableland Rocky Riparian Scrub	Eastern Riverine Forests	1162m	South
9418962	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1164m	North West
9417951	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1165m	North West
9416692	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	1167m	North East
9414809	Not classified	(Not classified) Not classified	Not classified	1169m	West
9413704	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1170m	South
9416588	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1170m	East
9418897	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1170m	North
9421386	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	1176m	North
9412318	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1180m	South East
9416862	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1181m	North
9412372	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1184m	South East
9416525	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1187m	East
9413729	Not classified	(Not classified) Not classified	Not classified	1188m	South East
9416659	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	1188m	East
9417344	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1188m	North
9420342	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1191m	North East
9418894	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1192m	North
9413950	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1193m	West
9417908	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1197m	North West
9417943	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1198m	North West
9412273	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1199m	South East
9418965	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1199m	North West
9416799	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1200m	South
9417826	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1201m	North West
9413707	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1202m	South
9417814	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1204m	North West
9417925	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1210m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9417910	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1213m	North West
9416589	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1218m	East
9412368	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1219m	South East
9416761	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1221m	South East
9417909	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1224m	North West
9414779	Not classified	(Not classified) Not classified	Not classified	1225m	West
9416797	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1226m	South
9416533	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1228m	East
9416568	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1228m	East
9418719	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1228m	South
9413945	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1230m	South West
9417954	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1230m	North West
9412268	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1233m	South East
9417827	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1233m	North West
9417950	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1237m	North West
9416493	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1238m	East
9417824	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1239m	North West
9418893	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1240m	West
9417907	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1241m	North West
9417952	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1241m	North West
9412305	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1242m	South East
9416519	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1242m	East
9414241	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1243m	West
9412249	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1246m	South East
9412436	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	1246m	South East
9418206	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1246m	North West
9420389	Not classified	(Not classified) Not classified	Not classified	1248m	East
9417926	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1250m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9417828	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1252m	North West
9414813	Not classified	(Not classified) Not classified	Not classified	1254m	West
9417953	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1257m	North West
9419157	Not classified	(Not classified) Not classified	Not classified	1257m	South
9417911	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1258m	North West
9414293	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1260m	West
9416526	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1261m	East
9412267	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1264m	South East
9412309	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1267m	South East
9417912	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1267m	North West
9412333	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1269m	South East
9418780	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1270m	West
9414812	Not classified	(Not classified) Not classified	Not classified	1274m	West
9414821	Not classified	(Not classified) Not classified	Not classified	1274m	West
9413949	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1276m	West
9413698	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1277m	South
9413898	Forested Wetlands	(Forested Wetlands) Southeast Tableland Rocky Riparian Scrub	Eastern Riverine Forests	1279m	West
9412304	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1280m	South East
9414292	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1281m	West
9417645	Forested Wetlands	(Forested Wetlands) Southeast Tableland Rocky Riparian Scrub	Eastern Riverine Forests	1283m	South West
9412285	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1285m	South East
9417259	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1286m	South East
9416773	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1287m	South East
9417309	Not classified	(Not classified) Not classified	Not classified	1287m	South East
9418211	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1291m	North West
9412287	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1293m	South East
9416758	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1294m	South East
9413982	Heathlands	(Heathlands) Newnes Plateau Rockplate Heath	Sydney Montane Heaths	1296m	West
9418210	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1297m	North West
9414294	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1300m	West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9417955	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1300m	North West
9418792	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1301m	West
9417927	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1305m	North West
9418213	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1305m	North West
9414238	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1307m	West
9417882	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	1308m	North West
9414284	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1310m	West
9417005	Not classified	(Not classified) Not classified	Not classified	1311m	East
9421813	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1311m	North West
9416536	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1312m	East
9417883	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	1312m	North West
9412308	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1315m	South East
9418790	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1315m	West
9417884	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	1316m	North West
9418923	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1317m	North
9412329	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1318m	South East
9412366	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1318m	South East
9412352	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1319m	South East
9413894	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1320m	West
9413981	Heathlands	(Heathlands) Newnes Plateau Rockplate Heath	Sydney Montane Heaths	1321m	West
9412286	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1322m	South East
9413697	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1323m	South
9413725	Not classified	(Not classified) Not classified	Not classified	1323m	South East
9414291	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1325m	West
9417928	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1328m	North West
9418201	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1328m	North West
9417885	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	1331m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9414228	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1332m	West
9414235	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1333m	West
9416492	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1333m	East
9416723	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1334m	South East
9416539	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1341m	East
9414263	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1342m	West
9417957	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1342m	North West
9417956	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1343m	North West
9418212	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1343m	North West
9414236	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1344m	West
9417580	Not classified	(Not classified) Not classified	Not classified	1346m	North West
9417847	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1347m	North West
9421841	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1347m	North West
9416524	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1348m	East
9418215	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1348m	North West
9418208	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1351m	North West
9421843	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1352m	North West
9418933	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1355m	North
9414783	Not classified	(Not classified) Not classified	Not classified	1356m	West
9417240	Wet Sclerophyll Forests (Shrubby sub-formation)	(Wet Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Sheltered Shale Forest	Southern Escarpment Wet Sclerophyll Forests	1359m	South East
9418217	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1361m	North West
9417929	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1364m	North West
9421798	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1365m	North West
9412307	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1366m	South East
9414273	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1366m	West
9417888	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	1366m	North West
9418209	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1366m	North West
9416520	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1367m	East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9417887	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	1367m	North West
9419112	Not classified	(Not classified) Not classified	Not classified	1368m	North West
9418204	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1369m	North West
9412319	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1370m	South East
9416660	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	1370m	East
9418970	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1373m	North West
9412320	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1375m	South East
9417930	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1375m	North West
9417931	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1377m	North West
9421488	Not classified	(Not classified) Not classified	Not classified	1377m	North
9412312	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1380m	South East
9413977	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	1380m	West
9413963	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Capertee Uplands Enriched Stringybark Forest	Southern Tableland Dry Sclerophyll Forests	1381m	West
9413979	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	1381m	West
9418981	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1382m	North West
9418974	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1383m	North West
9418896	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1384m	West
9417239	Wet Sclerophyll Forests (Shrubby sub-formation)	(Wet Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Sheltered Shale Forest	Southern Escarpment Wet Sclerophyll Forests	1388m	South East
9418214	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1388m	North West
9412266	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1389m	South East
9418726	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1389m	South West
9417932	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1390m	North West
9414279	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1393m	West
9413702	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1394m	South
9419114	Not classified	(Not classified) Not classified	Not classified	1396m	North West
9417933	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1397m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9416521	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1398m	East
9418963	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1399m	North West
9418772	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1400m	West
9418218	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1401m	North West
9412327	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1403m	South East
9418216	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1403m	North West
9417644	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1404m	South West
9418199	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1405m	North West
9418934	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1406m	North
9417958	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1408m	North West
9416592	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Rocky Scribbly Gum Woodland	Sydney Montane Dry Sclerophyll Forests	1409m	East
9416522	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1411m	East
9416523	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1411m	East
9417247	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1414m	South East
9418203	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1415m	North West
9418232	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	1415m	North West
9416528	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1417m	East
9413955	Forested Wetlands	(Forested Wetlands) Southeast Tableland Rocky Riparian Scrub	Eastern Riverine Forests	1419m	West
9418980	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1419m	North West
9418969	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1421m	North West
9412358	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1423m	South East
9417889	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	1429m	North West
9421793	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1429m	North West
9413976	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	1431m	West
9414220	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1431m	West
9418769	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1431m	West
9412364	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1432m	South East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9418784	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1432m	West
9421844	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1432m	North West
9417816	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1433m	North West
9414218	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1434m	West
9412367	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1435m	South East
9417238	Wet Sclerophyll Forests (Shrubby sub-formation)	(Wet Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Sheltered Shale Forest	Southern Escarpment Wet Sclerophyll Forests	1435m	South East
9417875	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	1435m	North West
9412314	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1437m	South East
9421826	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1441m	North West
9421791	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1444m	North West
9422366	Not classified	(Not classified) Not classified	Not classified	1444m	North West
9417856	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1445m	North West
9419155	Not classified	(Not classified) Not classified	Not classified	1447m	West
9412373	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1448m	South East
9413978	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	1448m	West
9417855	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1448m	North West
9412303	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1449m	South East
9419147	Not classified	(Not classified) Not classified	Not classified	1449m	North West
9412370	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1452m	South East
9418721	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1453m	South
9421847	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1453m	North West
9421817	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1454m	North West
9416736	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1455m	South East
9417241	Wet Sclerophyll Forests (Shrubby sub-formation)	(Wet Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Sheltered Shale Forest	Southern Escarpment Wet Sclerophyll Forests	1455m	South East
9417989	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1456m	West
9421820	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1457m	North West
9418200	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1458m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9421789	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1460m	North West
9414258	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1461m	West
9412347	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1464m	South East
9416727	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1464m	South East
9412348	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1465m	South East
9412434	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	1465m	South East
9417265	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	1465m	South East
9418771	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1465m	West
9420349	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1466m	North East
9420354	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	1466m	North East
9413958	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Capertee Uplands Enriched Stringybark Forest	Southern Tableland Dry Sclerophyll Forests	1468m	West
9419140	Not classified	(Not classified) Not classified	Not classified	1468m	North West
9416599	Heathlands	(Heathlands) Western Blue Mountains Pagoda Scrub	Sydney Montane Heaths	1469m	East
9417990	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1469m	West
9418828	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1469m	West
9413960	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Capertee Uplands Enriched Stringybark Forest	Southern Tableland Dry Sclerophyll Forests	1470m	West
9414281	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1470m	West
9418012	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1470m	South West
9418957	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1470m	North
9412289	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1471m	South East
9412336	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1472m	South East
9421832	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1473m	North West
9413975	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Goulburn-Lithgow Tableland Hills Grassy Forest	Southern Tableland Dry Sclerophyll Forests	1474m	West
9414217	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1474m	West
9414239	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1474m	West
9416661	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	1474m	East
9412246	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1476m	South East

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9417886	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	1476m	North West
9421831	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1476m	North West
9418202	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1477m	North West
9421842	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1477m	North West
9418964	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1479m	North West
9420347	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1479m	North East
9418205	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Western Blue Mountains Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1481m	North West
9417961	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Ribbon Gum Forest	Tableland Clay Grassy Woodlands	1482m	West
9420357	Grassy Woodlands	(Grassy Woodlands) Central Tableland Ranges Peppermint-Gum Grassy Forest	Southern Tableland Grassy Woodlands	1482m	North East
9413957	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Capertee Uplands Enriched Stringybark Forest	Southern Tableland Dry Sclerophyll Forests	1483m	West
9417858	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1483m	North West
9421821	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1483m	North West
9414215	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1485m	West
9412321	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1486m	South East
9412296	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1487m	South East
9420351	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1487m	North East
9412315	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1488m	South East
9414198	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1488m	West
9420352	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1488m	North East
9421836	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1490m	North West
9419128	Not classified	(Not classified) Not classified	Not classified	1491m	North West
9421834	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1492m	North West
9420346	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1493m	North East
9412207	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Central Tableland Peppermint Shrub-Grass Forest	Southern Tableland Dry Sclerophyll Forests	1494m	South East
9412340	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1494m	South East
9414216	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1494m	West
9416771	Grassy Woodlands	(Grassy Woodlands) Southern Tableland Creekflat Swamp Woodland	Subalpine Woodlands	1494m	South East
9421827	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1494m	North West

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
9412263	Dry Sclerophyll Forests (Shrubby sub-formation)	(Dry Sclerophyll Forests (Shrubby sub-formation)) Southern Tableland Western Hills Scribbly Gum Forest	Southern Tableland Dry Sclerophyll Forests	1497m	South East
9417891	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Capertee Slopes Stringybark-Box Forest	Upper Riverina Dry Sclerophyll Forests	1499m	North West
9420350	Grassy Woodlands	(Grassy Woodlands) Central Tableland Granites Grassy Box Woodland	Southern Tableland Grassy Woodlands	1499m	North East

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

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## Ecological Constraints

Wallerawang, NSW 2845

### Ramsar Wetlands

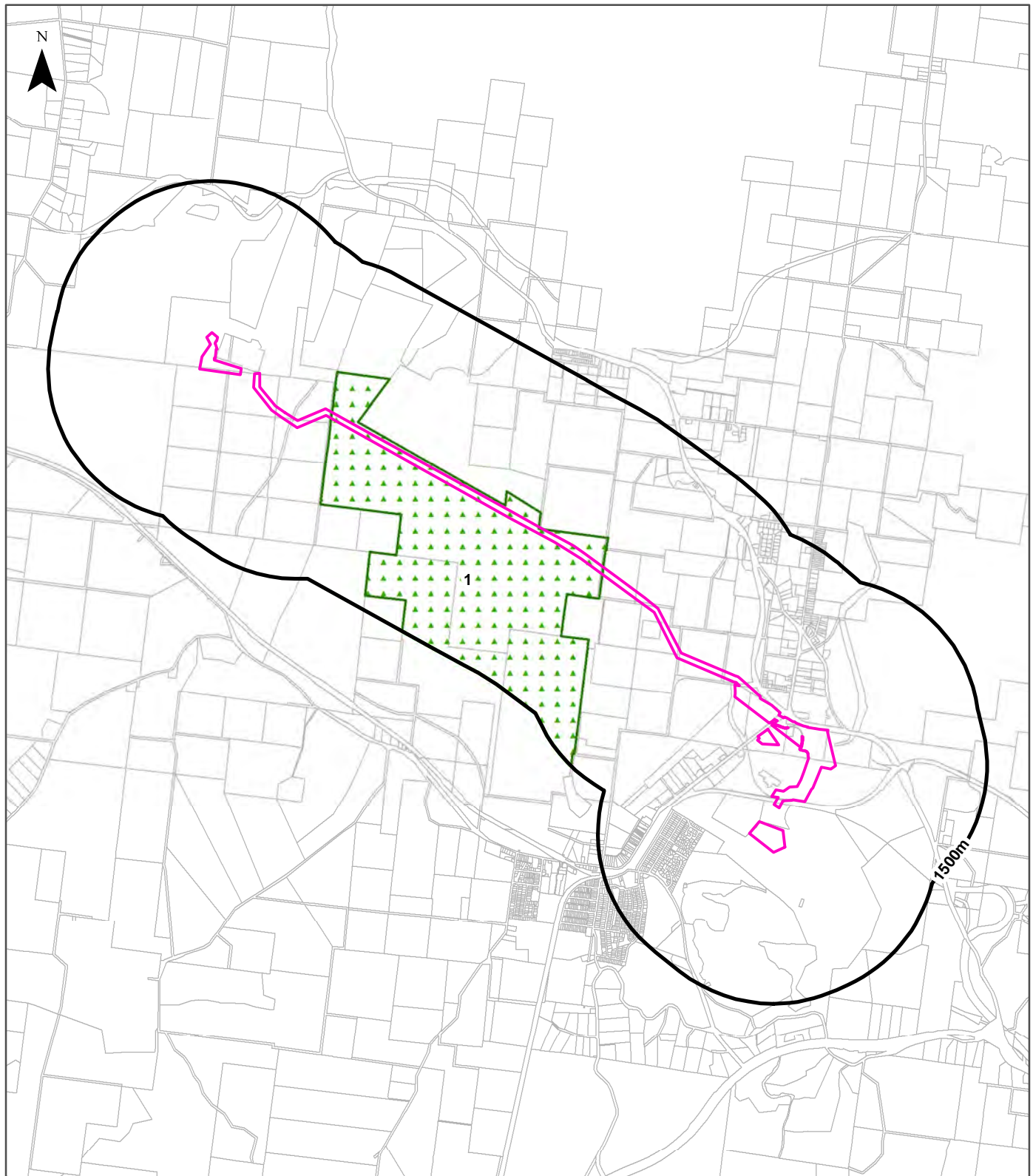
What Ramsar Wetland areas exist within the dataset buffer?

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

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

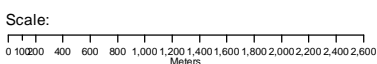
# Ecological Constraints - Protected Areas

Wallerawang, NSW 2845



## Legend

Legend		IUCN category	
	Site Boundary		Strict Nature Reserve
	Buffer 1000m		Natural Monument or Feature
	Property Boundary		Habitat/Species Management Area
	National Park		Protected area sustainable use of natural resources
	Wilderness Area		Uncategorised Protected Area
	Protected Landscape/Seascape		



Data Sources: Property Boundaries & Topographic Data:  
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Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

## Ecological Constraints

Wallerawang, NSW 2845

### Collaborative Australian Protected Areas Database - Terrestrial

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

Map ID	Area Name	Area Details	Management Category	Authority	Jurisdiction	Dist	Dir
1	Gardens of Stone	State Conservation Area	National Park	NSW Department of Planning and Environment	State	0m	On-site

### Collaborative Australian Protected Areas Database - Marine

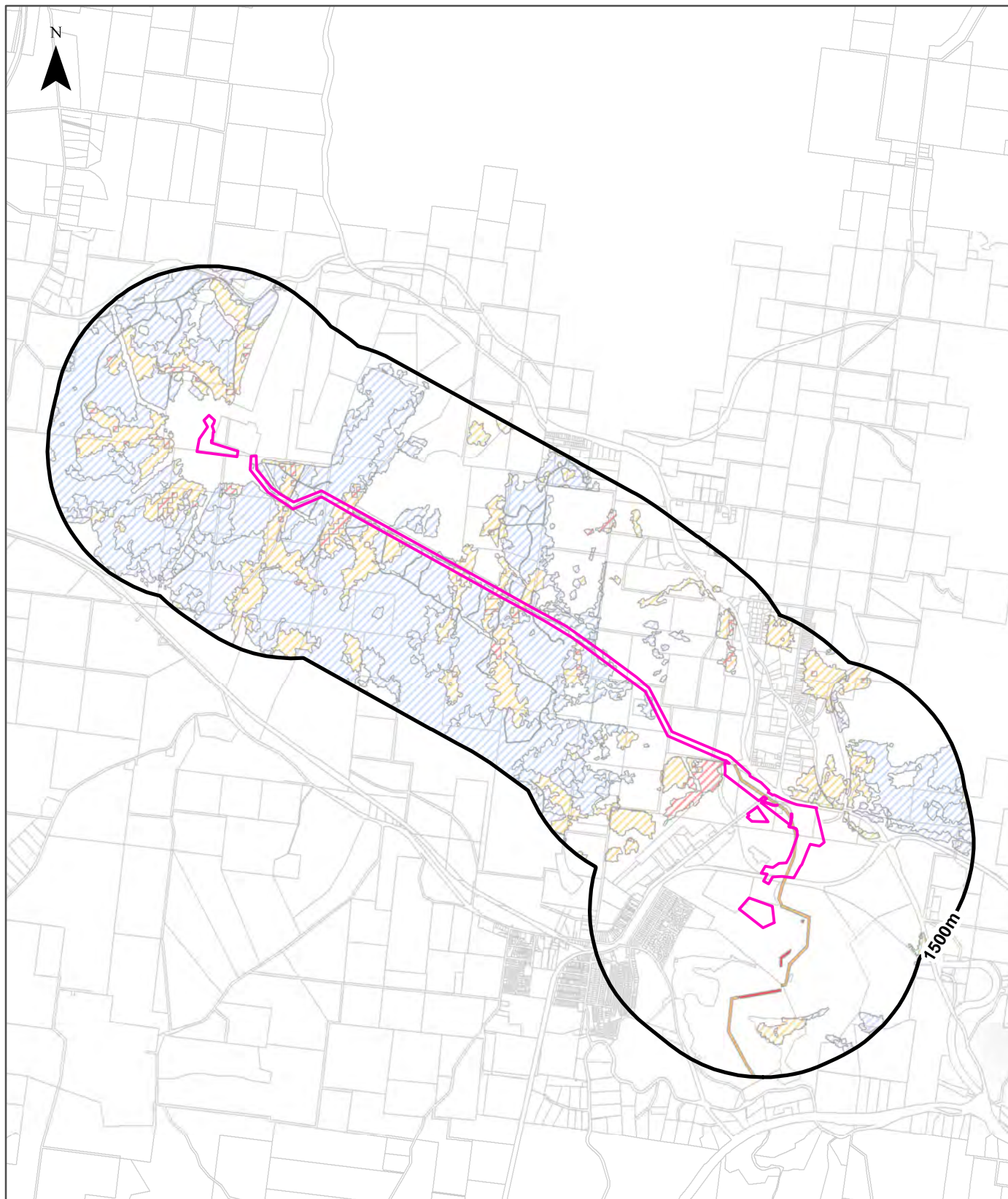
Protected areas in marine environments identified by the CAPAD within the dataset buffer:

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

Source: Collaborative Australian Protected Areas Database (CAPAD) 2022  
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# Ecological Constraints - Groundwater Dependent Ecosystems Atlas

Wallerawang, NSW 2845



## Legend

Site Boundary	High potential GDE - from national assessment	Low potential GDE - from national assessment
Buffer 1500m	High potential GDE - from regional studies	Low potential GDE - from regional studies
Property Boundaries	Moderate potential GDE - from national assessment	Known GDE - from regional studies
	Moderate potential GDE - from regional studies	Unclassified potential GDE - from national assessment
		Unclassified potential GDE - from regional studies

Scale:



Data Sources: Property Boundaries & Topographic Data:  
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Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

# Ecological Constraints

Wallerawang, NSW 2845

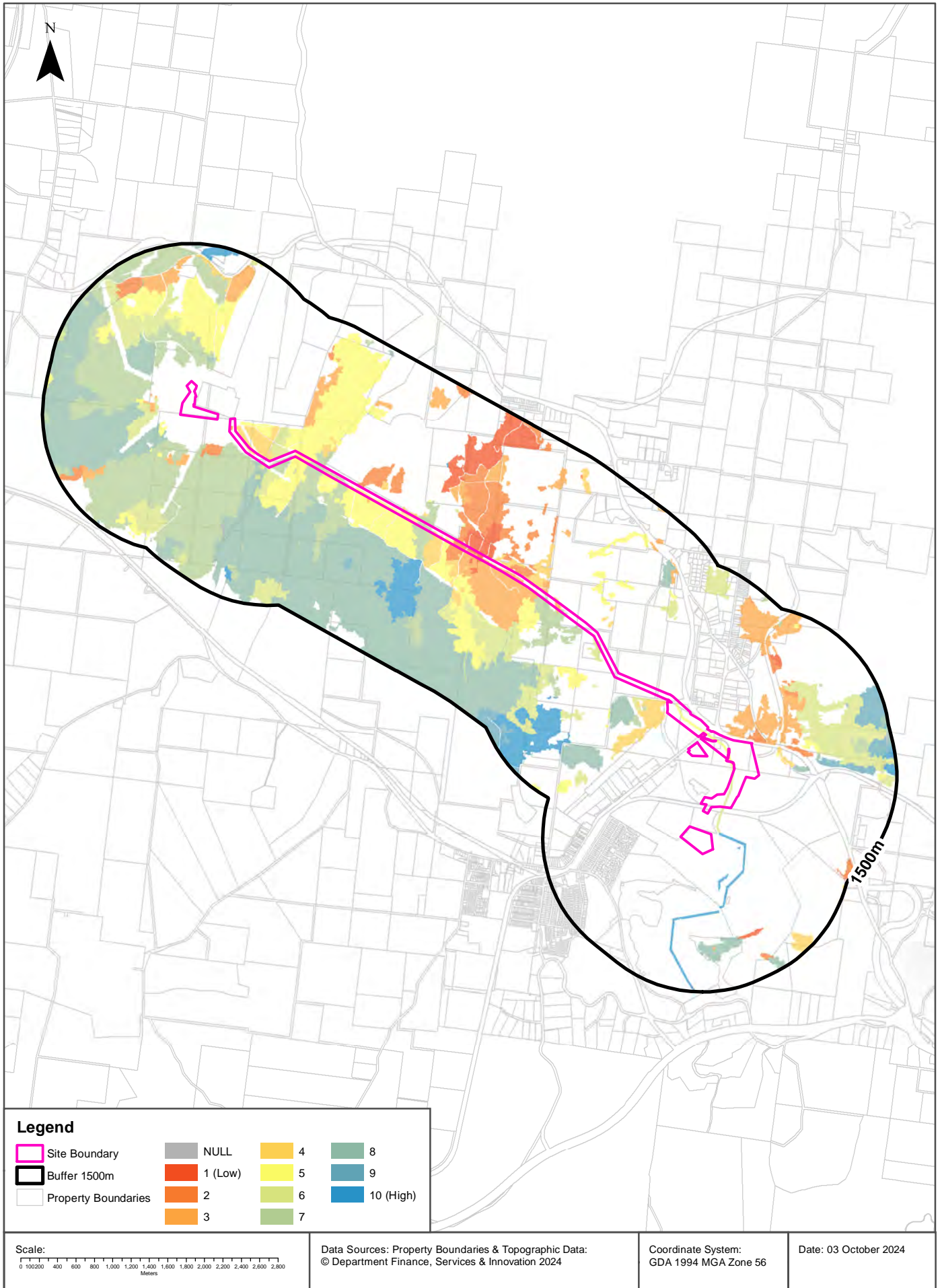
## Groundwater Dependent Ecosystems Atlas

Type	GDE Potential	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Aquatic	Moderate potential GDE - from national assessment	Deeply dissected sandstone plateaus.	River		0m	On-site
Terrestrial	Moderate potential GDE - from regional studies	Deeply dissected sandstone plateaus.	Vegetation		0m	On-site
Terrestrial	High potential GDE - from regional studies	Deeply dissected sandstone plateaus.	Vegetation		0m	On-site
Terrestrial	Low potential GDE - from regional studies	Deeply dissected sandstone plateaus.	Vegetation		0m	On-site
Terrestrial	Moderate potential GDE - from regional studies	Granitic and basaltic tablelands and minor lowlands; includes the Canobolas dissected volcanic pile.	Vegetation		166m	North West
Terrestrial	Low potential GDE - from regional studies	Granitic and basaltic tablelands and minor lowlands; includes the Canobolas dissected volcanic pile.	Vegetation		171m	North West
Aquatic	High potential GDE - from national assessment	Deeply dissected sandstone plateaus.	River		265m	South East
Terrestrial	High potential GDE - from regional studies	Granitic and basaltic tablelands and minor lowlands; includes the Canobolas dissected volcanic pile.	Vegetation		268m	North West

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

Wallerawang, NSW 2845



# Ecological Constraints

Wallerawang, NSW 2845

## Inflow Dependent Ecosystems Likelihood

Type	IDE Likelihood	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Aquatic	5	Deeply dissected sandstone plateaus.	River		0m	On-site
Aquatic	6	Deeply dissected sandstone plateaus.	River		0m	On-site
Terrestrial	1	Deeply dissected sandstone plateaus.	Vegetation		0m	On-site
Terrestrial	5	Deeply dissected sandstone plateaus.	Vegetation		0m	On-site
Terrestrial	7	Deeply dissected sandstone plateaus.	Vegetation		0m	On-site
Terrestrial	3	Deeply dissected sandstone plateaus.	Vegetation		0m	On-site
Terrestrial	4	Deeply dissected sandstone plateaus.	Vegetation		0m	On-site
Terrestrial	6	Deeply dissected sandstone plateaus.	Vegetation		0m	On-site
Terrestrial	8	Deeply dissected sandstone plateaus.	Vegetation		0m	On-site
Terrestrial	2	Deeply dissected sandstone plateaus.	Vegetation		0m	On-site
Aquatic	10	Deeply dissected sandstone plateaus.	River		82m	South East
Terrestrial	7	Granitic and basaltic tablelands and minor lowlands; includes the Canobolas dissected volcanic pile.	Vegetation		166m	North West
Terrestrial	8	Granitic and basaltic tablelands and minor lowlands; includes the Canobolas dissected volcanic pile.	Vegetation		240m	North West
Terrestrial	6	Granitic and basaltic tablelands and minor lowlands; includes the Canobolas dissected volcanic pile.	Vegetation		241m	North West
Terrestrial	3	Granitic and basaltic tablelands and minor lowlands; includes the Canobolas dissected volcanic pile.	Vegetation		276m	North West
Terrestrial	10	Deeply dissected sandstone plateaus.	Vegetation		320m	West
Terrestrial	5	Granitic and basaltic tablelands and minor lowlands; includes the Canobolas dissected volcanic pile.	Vegetation		340m	North West
Terrestrial	9	Deeply dissected sandstone plateaus.	Vegetation		647m	South East
Terrestrial	4	Granitic and basaltic tablelands and minor lowlands; includes the Canobolas dissected volcanic pile.	Vegetation		1038m	North West
Terrestrial	2	Granitic and basaltic tablelands and minor lowlands; includes the Canobolas dissected volcanic pile.	Vegetation		1137m	North West
Terrestrial	10	Granitic and basaltic tablelands and minor lowlands; includes the Canobolas dissected volcanic pile.	Vegetation		1324m	North West

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

Wallerawang, NSW 2845

## NSW BioNet Species Sightings

Species sightings from the NSW BioNet Repository that have either a state or federal conservation status, or a sensitivity status, and are within 10 km of the site:

*Note: This data does not include NSW Category 1 sensitive species.*

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Animalia	Amphibia	Heleioporus australiacus	Giant Burrowing Frog	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Amphibia	Litoria littlejohni	Littlejohn's Tree Frog	Not Sensitive	Endangered	Endangered	
Animalia	Amphibia	Mixophyes balbus	Stuttering Frog	Category 2	Endangered	Vulnerable	
Animalia	Aves	Anthochaera phrygia	Regent Honeyeater	Category 2	Critically Endangered	Critically Endangered	
Animalia	Aves	Apus pacificus	Fork-tailed Swift	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Ardenna tenuirostris	Short-tailed Shearwater	Not Sensitive	Not Listed	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Artamus cyanopterus cyanopterus	Dusky Woodswallow	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Callocephalon fimbriatum	Gang-gang Cockatoo	Category 3	Endangered	Endangered	
Animalia	Aves	Calyptorhynchus lathamii lathamii	South-eastern Glossy Black-Cockatoo	Category 2	Vulnerable	Vulnerable	
Animalia	Aves	Chthonicola sagittata	Speckled Warbler	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Climacteris picumnus victoriae	Brown Treecreeper (eastern subspecies)	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Daphoenositta chrysoptera	Varied Sittella	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Gallinago hardwickii	Latham's Snipe	Not Sensitive	Vulnerable	Vulnerable	ROKAMBA;JAMBA
Animalia	Aves	Glossopsitta pusilla	Little Lorikeet	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Grantiella picta	Painted Honeyeater	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	Haliaeetus leucogaster	White-bellied Sea-Eagle	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Hieraaetus morphnoides	Little Eagle	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Hirundapus caudacutus	White-throated Needletail	Not Sensitive	Vulnerable	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Lophoictinia isura	Square-tailed Kite	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Melanodryas cucullata cucullata	South-eastern Hooded Robin	Not Sensitive	Endangered	Endangered	
Animalia	Aves	Melithreptus gularis gularis	Black-chinned Honeyeater (eastern subspecies)	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	Neophema pulchella	Turquoise Parrot	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Ninox connivens	Barking Owl	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Ninox strenua	Powerful Owl	Category 3	Vulnerable	Not Listed	
Animalia	Aves	Oxyura australis	Blue-billed Duck	Not Sensitive	Vulnerable	Not Listed	

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	<i>Pachycephala pectoralis contempta</i>	Golden Whistler (Lord Howe Is. subsp.)	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	<i>Petroica boodang</i>	Scarlet Robin	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	<i>Petroica phoenicea</i>	Flame Robin	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	<i>Petroica rodinogaster</i>	Pink Robin	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	<i>Pomatostomus temporalis temporalis</i>	Grey-crowned Babbler (eastern subspecies)	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	<i>Pycnoptilus floccosus</i>	Pilotbird	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	<i>Stagonopleura guttata</i>	Diamond Firetail	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Aves	<i>Stictonetta naevosa</i>	Freckled Duck	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	<i>Turnix maculosus</i>	Red-backed Button-quail	Not Sensitive	Vulnerable	Not Listed	
Animalia	Aves	<i>Tyto novaehollandiae</i>	Masked Owl	Category 3	Vulnerable	Not Listed	
Animalia	Aves	<i>Tyto tenebricosa</i>	Sooty Owl	Category 3	Vulnerable	Not Listed	
Animalia	Insecta	<i>Paralucia spinifera</i>	Purple Copper Butterfly, Bathurst Copper Butterfly	Not Sensitive	Endangered	Vulnerable	
Animalia	Insecta	<i>Petalura gigantea</i>	Giant Dragonfly	Not Sensitive	Endangered	Not Listed	
Animalia	Mammalia	<i>Cercartetus nanus</i>	Eastern Pygmy-possum	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	<i>Chalinolobus dwyeri</i>	Large-eared Pied Bat	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	<i>Chalinolobus picatus</i>	Little Pied Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	<i>Dasyurus maculatus</i>	Spotted-tailed Quoll	Not Sensitive	Vulnerable	Endangered	
Animalia	Mammalia	<i>Falstirellus tasmaniensis</i>	Eastern False Pipistrelle	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	<i>Micronomus norfolkensis</i>	Eastern Coastal Free-tailed Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	<i>Miniopterus australis</i>	Little Bent-winged Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	<i>Miniopterus orianae oceanensis</i>	Large Bent-winged Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	<i>Myotis macropus</i>	Southern Myotis	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	<i>Nyctophilus bifax</i>	Eastern Long-eared Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	<i>Petauroides volans</i>	Southern Greater Glider	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	<i>Petaurus norfolkensis</i>	Squirrel Glider	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	<i>Phascolarctos cinereus</i>	Koala	Not Sensitive	Endangered	Endangered	
Animalia	Mammalia	<i>Pteropus poliocephalus</i>	Grey-headed Flying-fox	Not Sensitive	Vulnerable	Vulnerable	
Animalia	Mammalia	<i>Saccolaimus flaviventris</i>	Yellow-bellied Sheath-tail-bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	<i>Scoteanax rueppellii</i>	Greater Broad-nosed Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Mammalia	<i>Vespadelus trouhntoni</i>	Eastern Cave Bat	Not Sensitive	Vulnerable	Not Listed	
Animalia	Reptilia	<i>Eulamprus leuraensis</i>	Blue Mountains Water Skink	Not Sensitive	Endangered	Endangered	
Animalia	Reptilia	<i>Hoplocephalus bungaroides</i>	Broad-headed Snake	Category 2	Endangered	Endangered	
Animalia	Reptilia	<i>Oligosoma lichenigera</i>	Lord Howe Island Skink	Not Sensitive	Vulnerable	Vulnerable	

Kingdom	Class	Scientific	Common	Sensitivity Class	State Conservation Status	Federal Conservation Status	Migratory Species Agreements
Animalia	Reptilia	Varanus rosenbergi	Rosenberg's Goanna	Not Sensitive	Vulnerable	Not Listed	
Plantae	Flora	Boronia deanei	Deane's Boronia	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Caesia parviflora var. minor	Small Pale Grass-lily	Not Sensitive	Endangered	Not Listed	
Plantae	Flora	Dillwynia tenuifolia		Not Sensitive	Vulnerable	Not Listed	
Plantae	Flora	Eucalyptus aggregata	Black Gum	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Eucalyptus cannonii	Capertee Stringybark	Not Sensitive	Vulnerable	Not Listed	
Plantae	Flora	Eucalyptus pulverulenta	Silver-leafed Gum	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Genoplesium superbum	Superb Midge Orchid	Category 2	Endangered	Not Listed	
Plantae	Flora	Isotoma fluviatilis subsp. fluviatilis		Category 3	Not Listed	Extinct	
Plantae	Flora	Kunzea cambagei	Cabbage Kunzea	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Persoonia hindii		Not Sensitive	Endangered	Not Listed	
Plantae	Flora	Persoonia marginata	Clandulla Geebung	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Prasophyllum pallens	Musty Leek Orchid	Category 2	Vulnerable	Not Listed	
Plantae	Flora	Prostanthera cryptandroides subsp. cryptandroides	Wollemi Mint-bush	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Pultenaea glabra	Smooth Bush-Pea	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Rhodamnia rubescens	Scrub Turpentine	Not Sensitive	Critically Endangered	Critically Endangered	
Plantae	Flora	Thesium australe	Austral Toadflax	Not Sensitive	Vulnerable	Vulnerable	
Plantae	Flora	Veronica blakelyi		Not Sensitive	Endangered	Not Listed	
Plantae	Flora	Xerochrysum palustre	Swamp Everlasting	Not Sensitive	Not Listed	Vulnerable	

Source: NSW BioNet Species Sightings

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

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# Appendix C

Lotsearch aerials



	<p><b>Project Index Map</b> Wallerawang, NSW 2845</p>	<p>Coordinate System: GDA 1994 MGA Zone 56</p>	<p>Scale: 0 660 1,320 1,980 2,640 Meters</p>
	<p><b>Legend</b></p> <p> Sequential Project Report Boundaries</p>	<p>Date: 02 October 2024</p>	<p>Data Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID,</p>



# LOTSEARCH

LOTSEARCH AERIALS

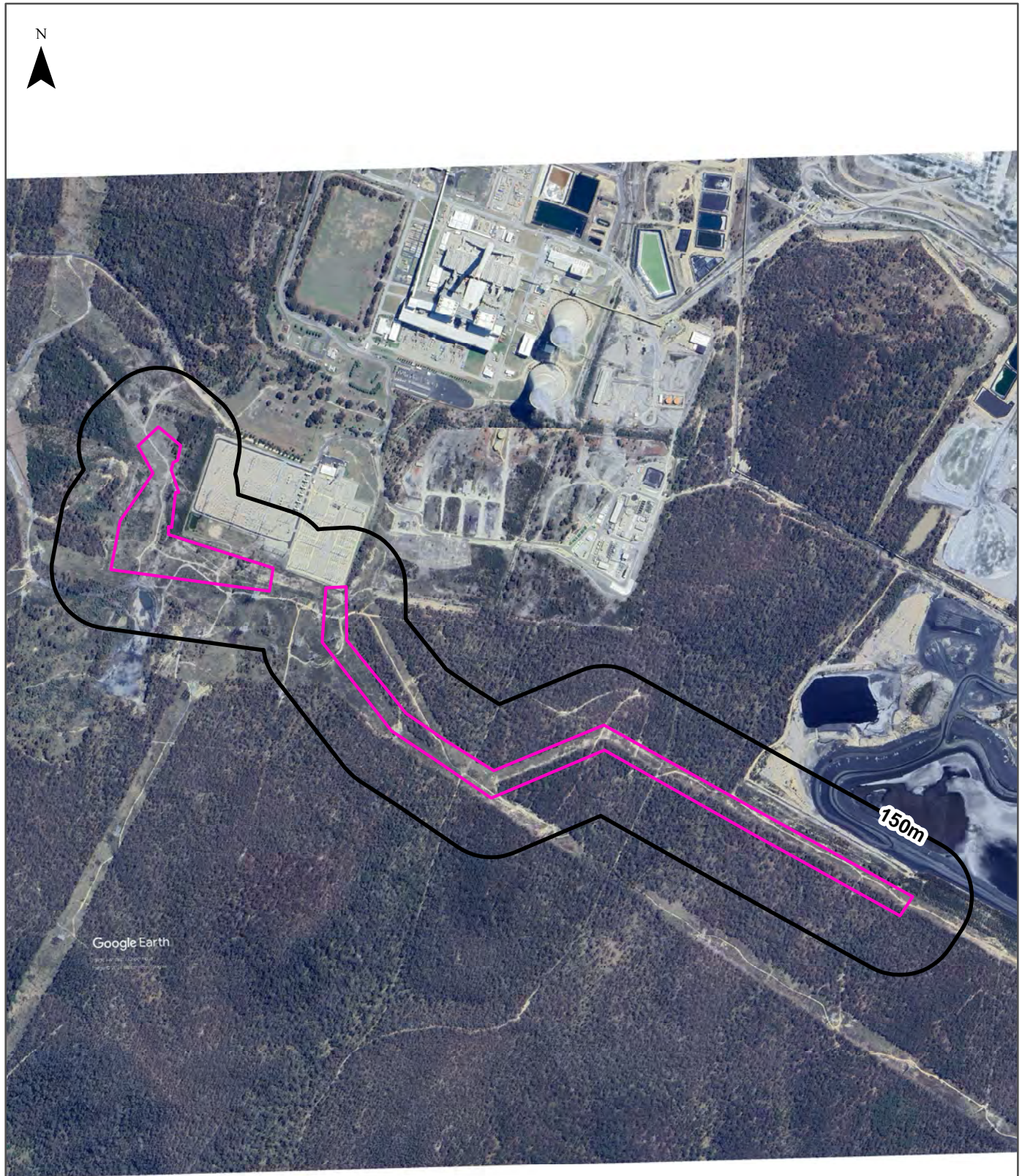
**Date: 03 Oct 2024**

**Reference: LS057490 EA**



**Address: Part 1 of 4, Wallerawang, NSW 2845**

# Aerial Imagery 2023

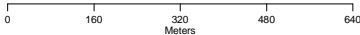
Part 1 of 4, Wallerawang, NSW 2845



### Legend

-  Site Boundary
-  Buffer 150m

Scale:



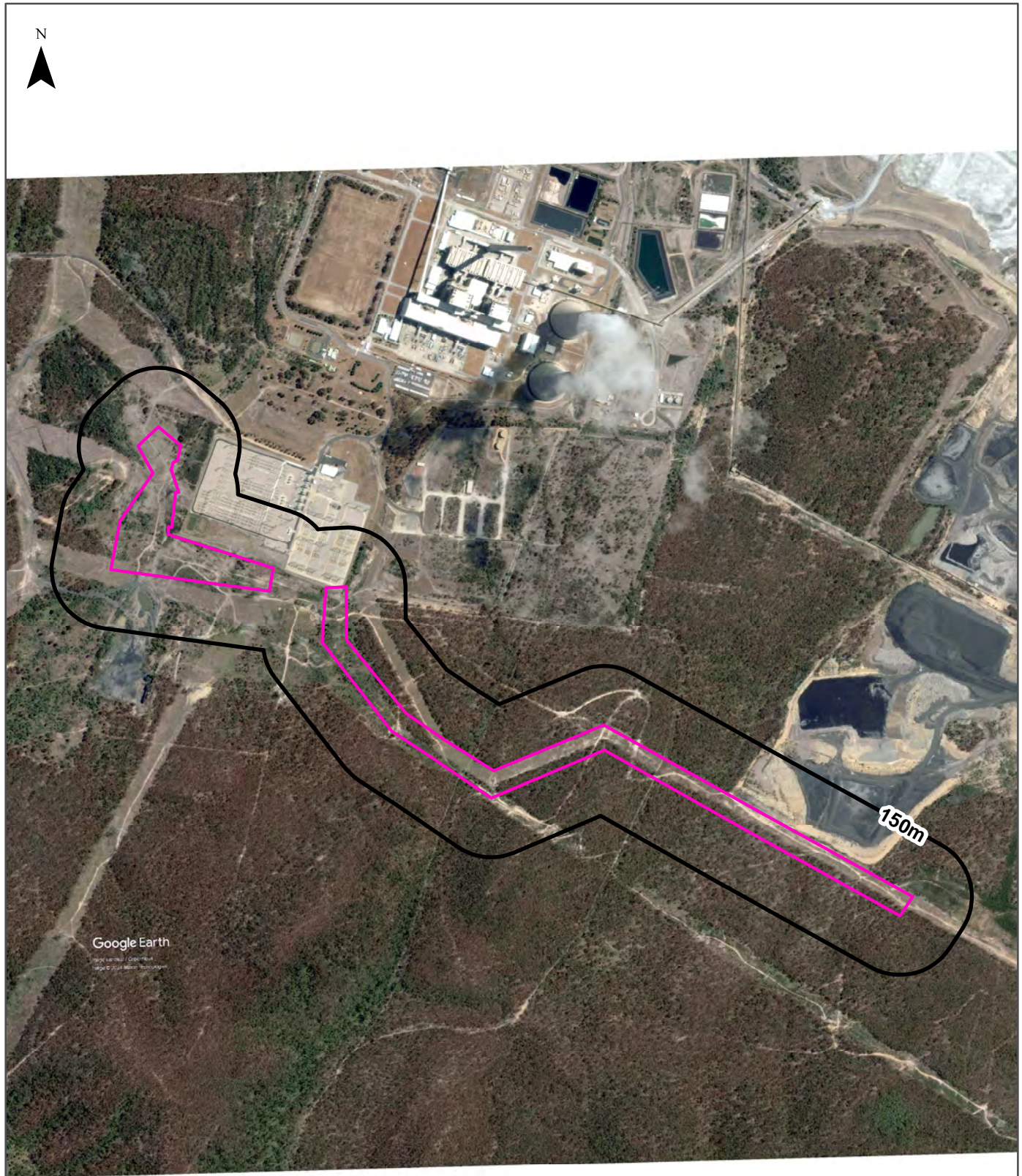
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Date: 02 October 2024

# Aerial Imagery 2014

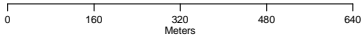
Part 1 of 4, Wallerawang, NSW 2845



### Legend

-  Site Boundary
-  Buffer 150m

Scale:



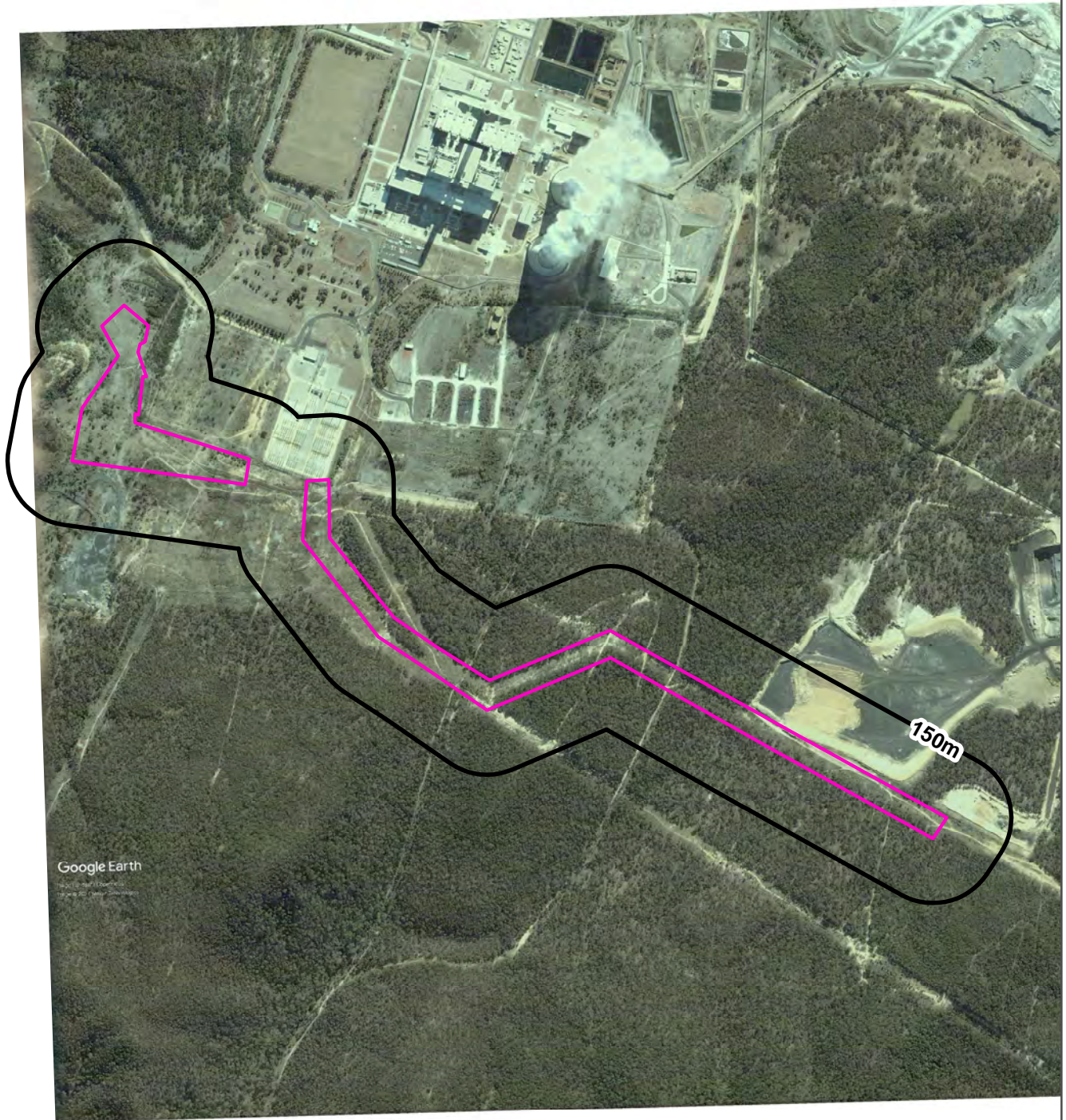
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Coordinate System:  
GDA 1994 MGA Zone 56

Date: 02 October 2024



# Aerial Imagery 2006

Part 1 of 4, Wallerawang, NSW 2845

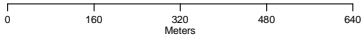


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### Legend

-  Site Boundary
-  Buffer 150m

Scale:



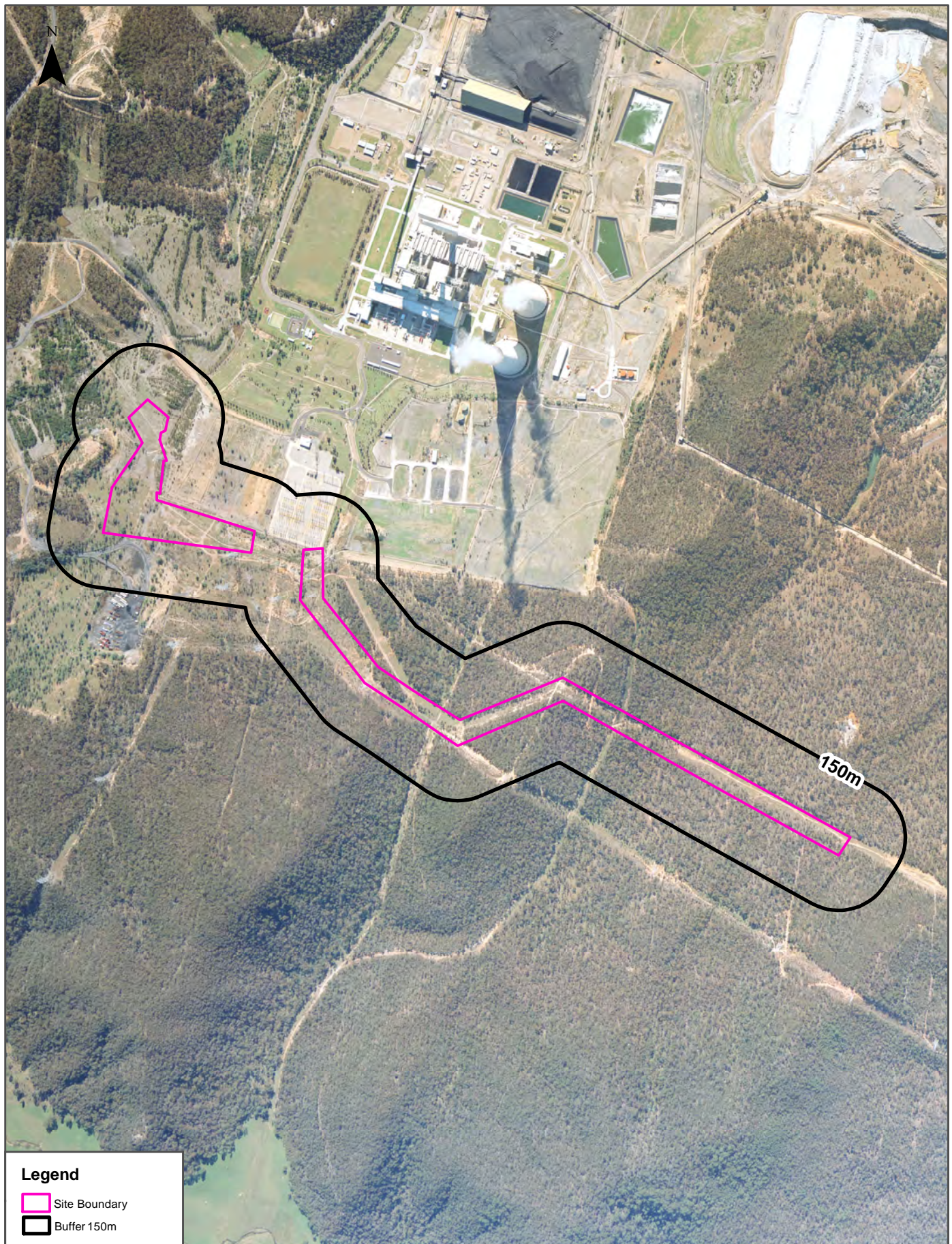
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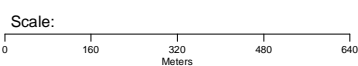
# Aerial Imagery 1998

Part 1 of 4, Wallerawang, NSW 2845



### Legend

-  Site Boundary
-  Buffer 150m



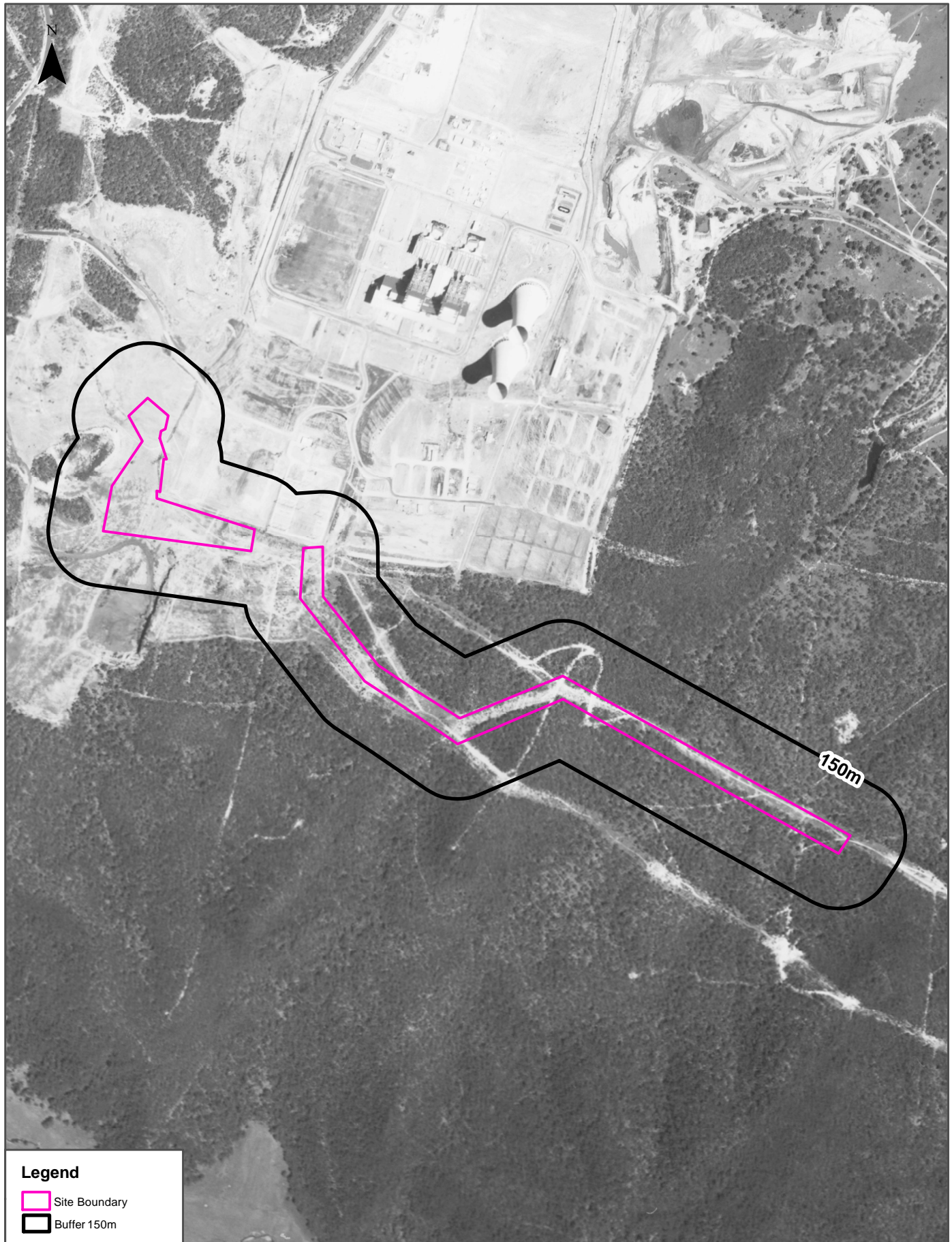
Data Source Aerial Imagery:  
© NSW Department of Customer Service

Coordinate System:  
GDA 1994 MGA Zone 56



Date: 03 October 2024

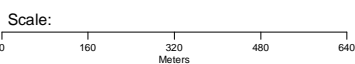
# Aerial Imagery 1989

Part 1 of 4, Wallerawang, NSW 2845



### Legend

-  Site Boundary
-  Buffer 150m



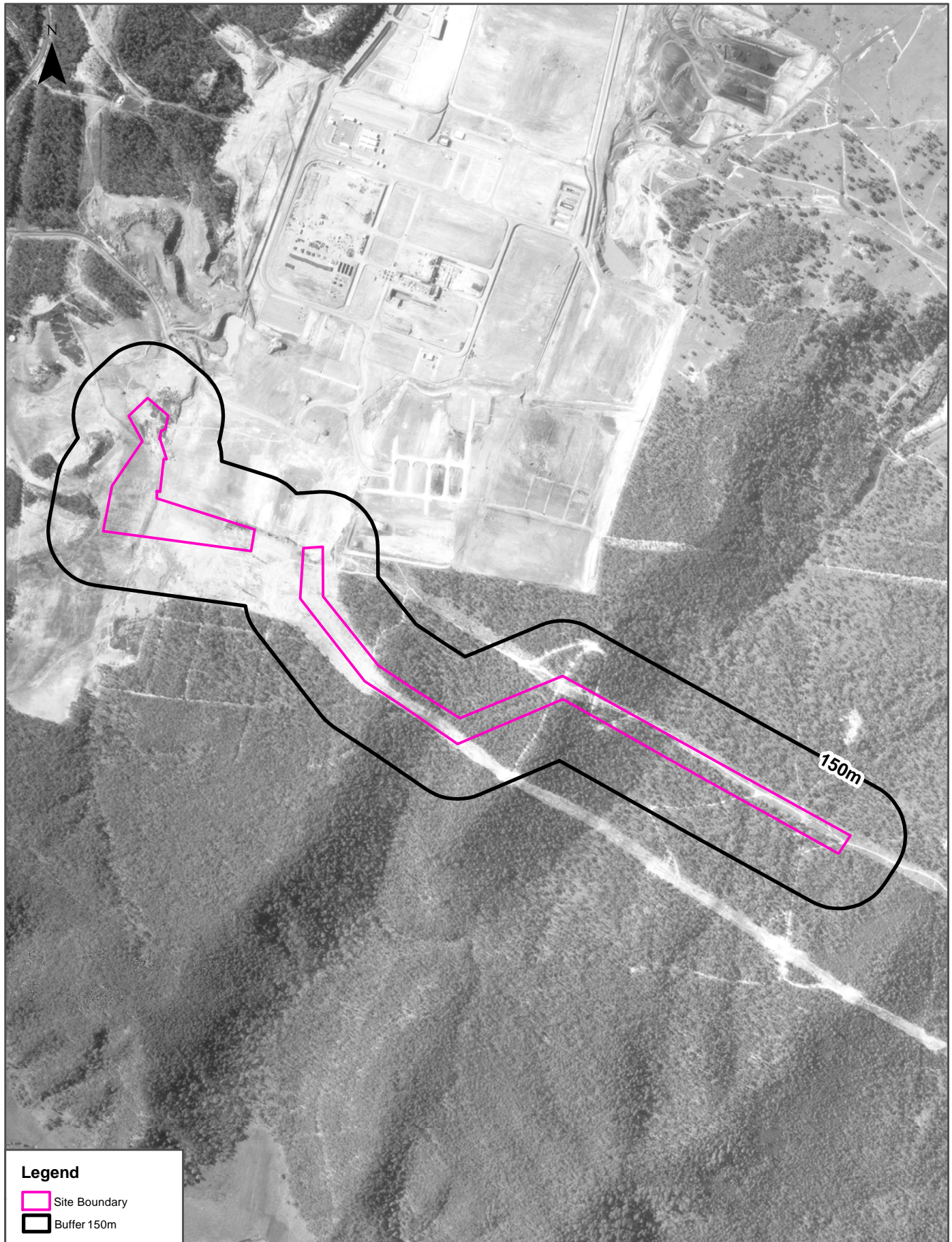
Data Source Aerial Imagery: © 2024 Geoscience Australia

Coordinate System:  
GDA 1994 MGA Zone 56



Date: 03 October 2024

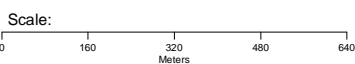
# Aerial Imagery 1984

Part 1 of 4, Wallerawang, NSW 2845



### Legend

-  Site Boundary
-  Buffer 150m



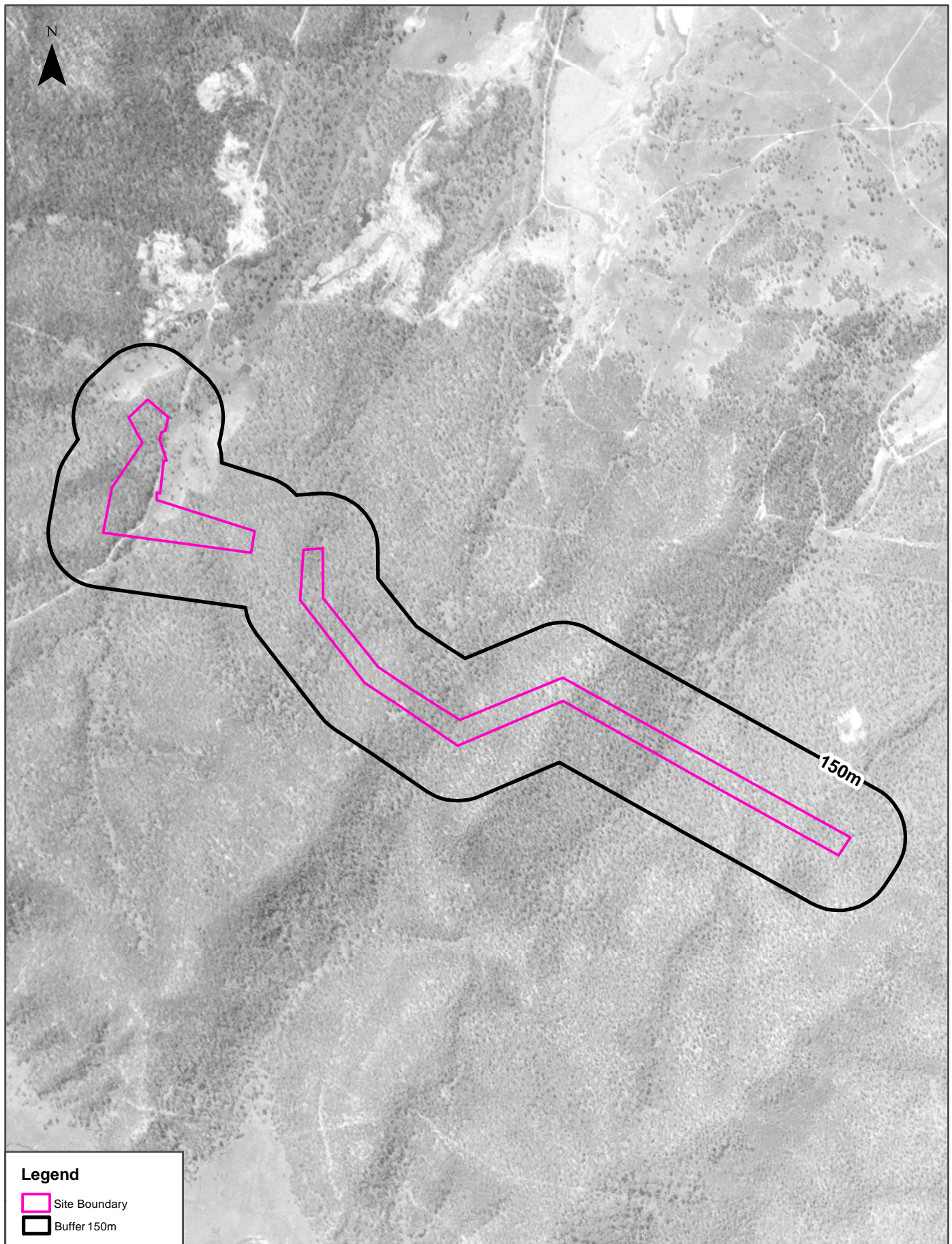
Data Source Aerial Imagery:  
© NSW Department of Customer Service

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

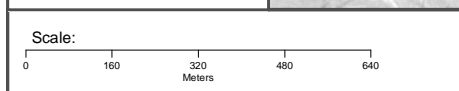
# Aerial Imagery 1972

Part 1 of 4, Wallerawang, NSW 2845



**Legend**

- Site Boundary
- Buffer 150m



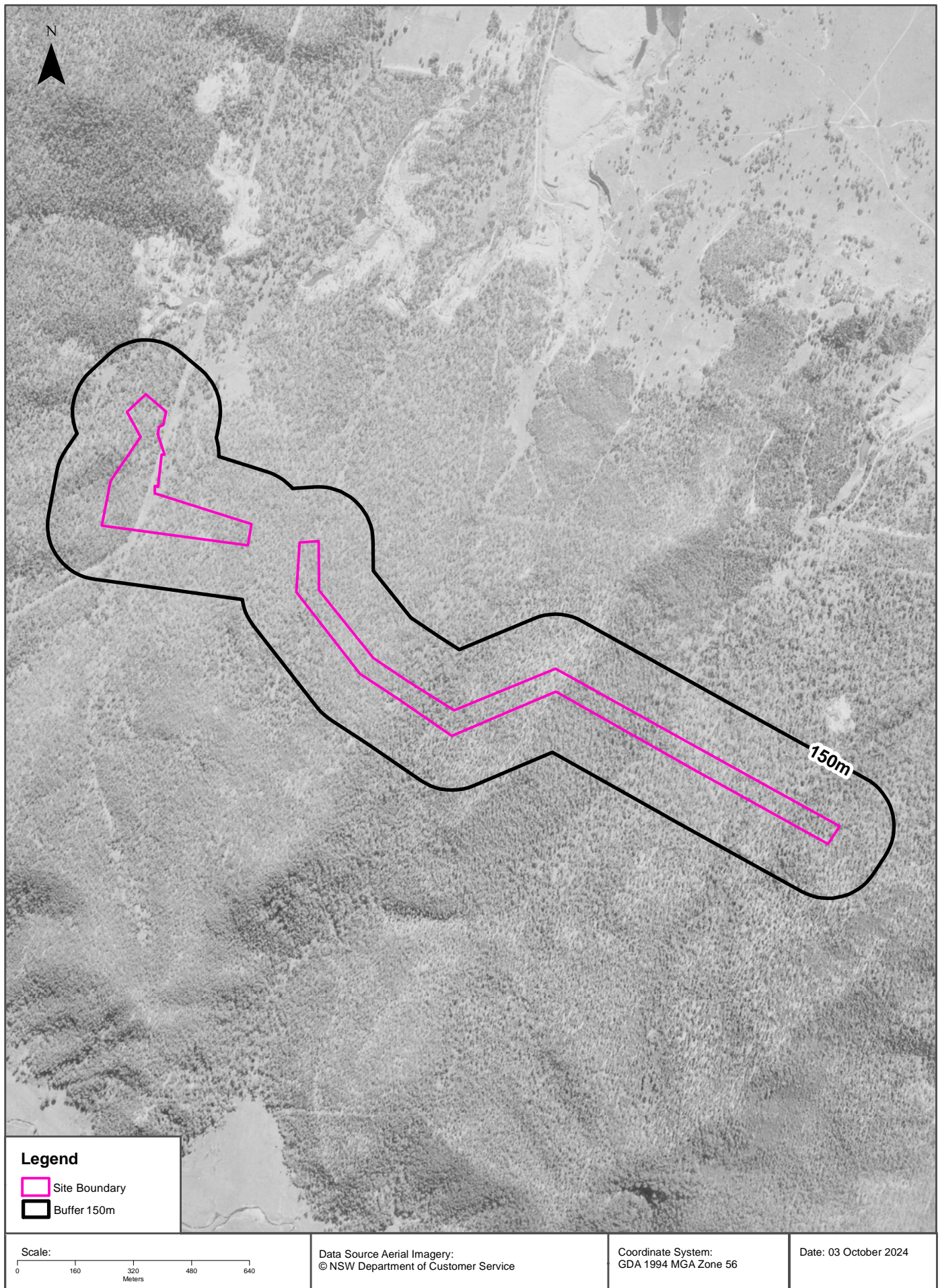
Data Source Aerial Imagery: © 2024 Geoscience Australia

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

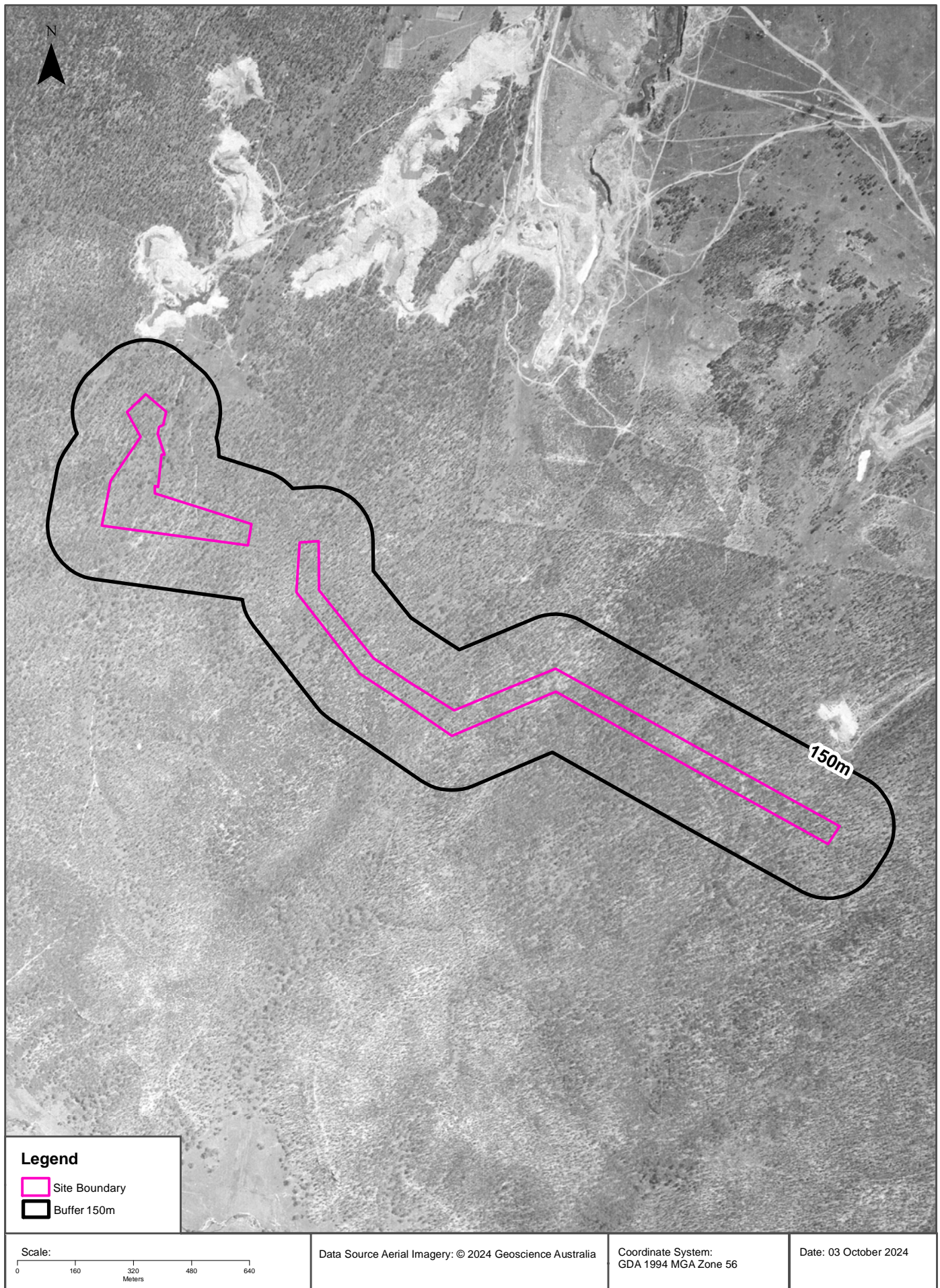
# Aerial Imagery 1969

Part 1 of 4, Wallerawang, NSW 2845



# Aerial Imagery 1954

Part 1 of 4, Wallerawang, NSW 2845



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    - (ii) content which is derived from content described in paragraph (i);
  - (b) Neither Lotsearch nor Third Party Content Suppliers takes any responsibility for or give any warranty in relation to the accuracy or completeness of any Third Party Content included in the Report including any contaminated land assessment or other assessment included as part of a Report;
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  - (d) Reports are generated at a point in time (as specified by the date/time stamp appearing on the Report) and accordingly the Report is based on the information available at that point in time and Lotsearch is not obliged to undertake any additional reporting to take into consideration any information that may become available between the point in time specified by the date/time stamp and the date on which the Report was provided by Lotsearch to the purchaser of the Report;
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  - (g) neither Lotsearch nor Third Party Content Suppliers warrants that all land uses or features whether past or current are identified in the Report;
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5. The End User acknowledges that any Third Party Supplier shall be entitled to plead the benefits conferred on it under clause 4, despite not being a party to these terms.
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  7. End User acknowledges and agrees that Lotsearch and Third Party Content Suppliers retain ownership of all copyright, patent, design right (registered or unregistered), trade marks (registered or unregistered), database right or other data right, moral right or know how or any other intellectual property right in any Report or any other item, information or data included in or provided as part of a Report.
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  11. Subject to paragraph 9, neither Lotsearch nor the End User is liable to the other for:
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  12. These Terms are subject to New South Wales law.



# LOTSEARCH

LOTSEARCH AERIALS

**Date: 08 Oct 2024**

**Reference: LS057491 EA**

**Address: Part 2 of 4, Wallerawang, NSW 2845**

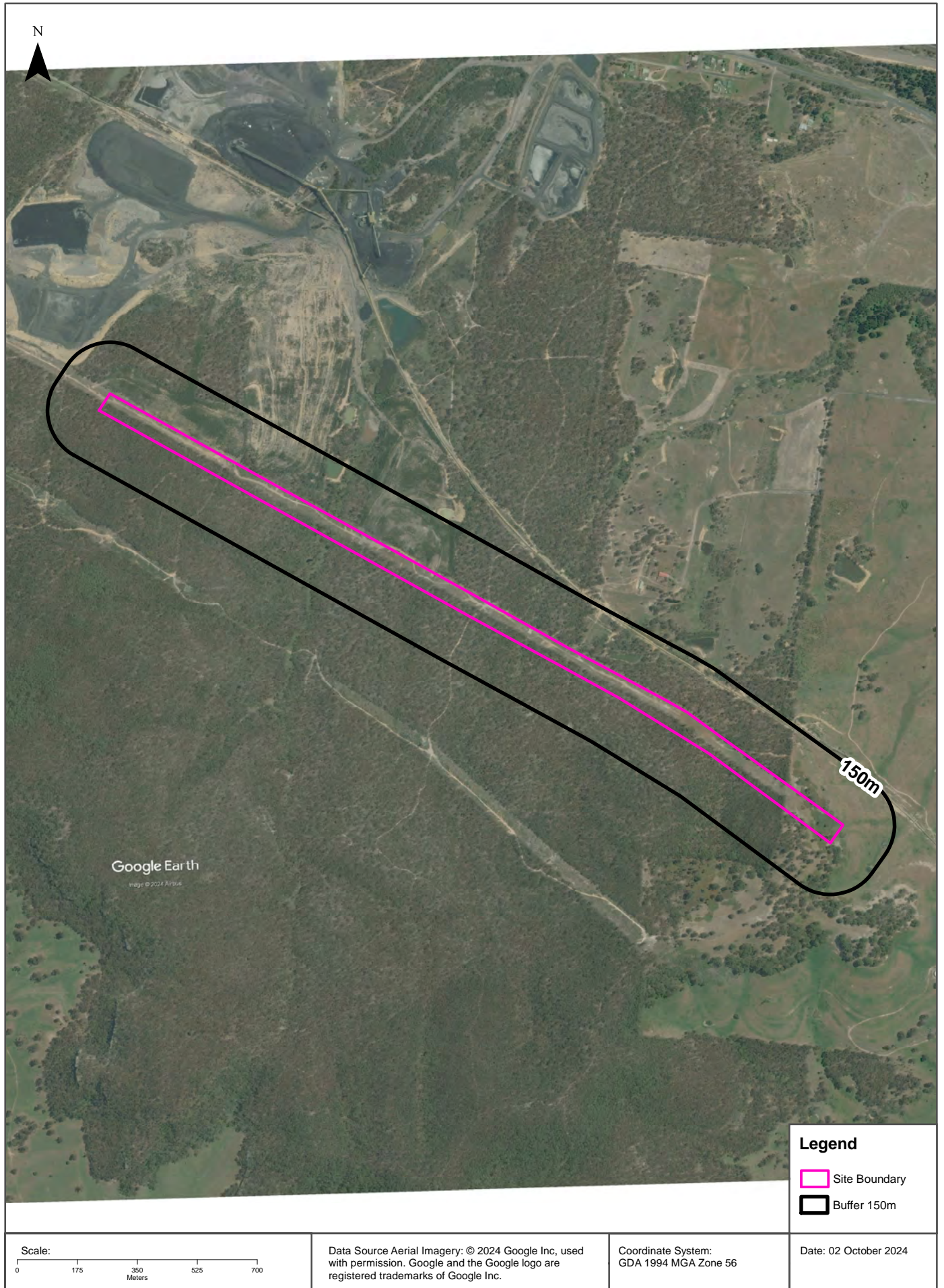
# Aerial Imagery 2023

Part 2 of 4, Wallerawang, NSW 2845



# Aerial Imagery 2014

Part 2 of 4, Wallerawang, NSW 2845



# Aerial Imagery 2006

Part 2 of 4, Wallerawang, NSW 2845




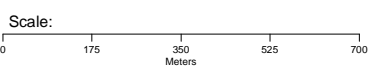
# Aerial Imagery 1998

Part 2 of 4, Wallerawang, NSW 2845



## Legend

-  Site Boundary
-  Buffer 150m



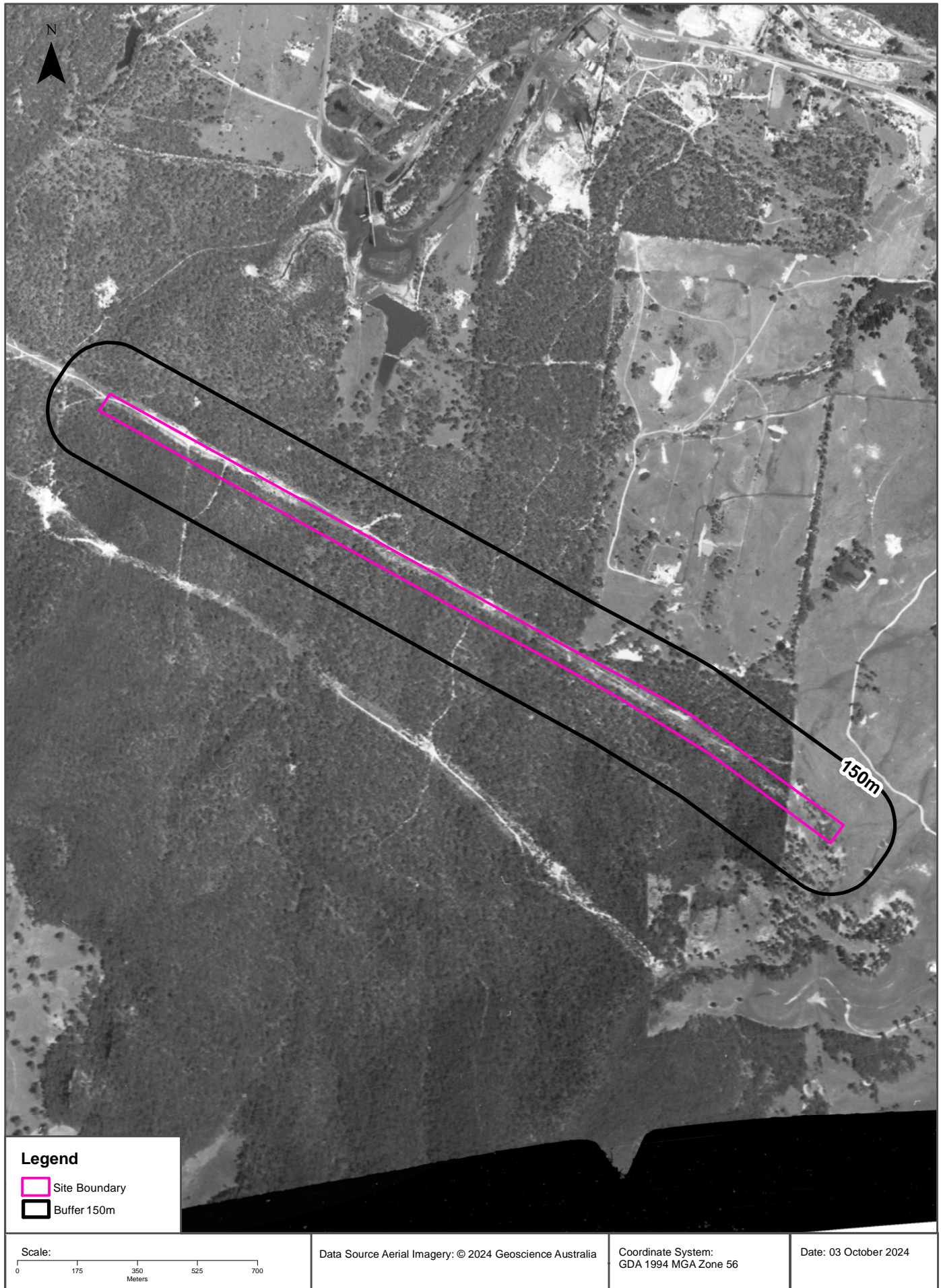
Data Source Aerial Imagery:  
© NSW Department of Customer Service

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

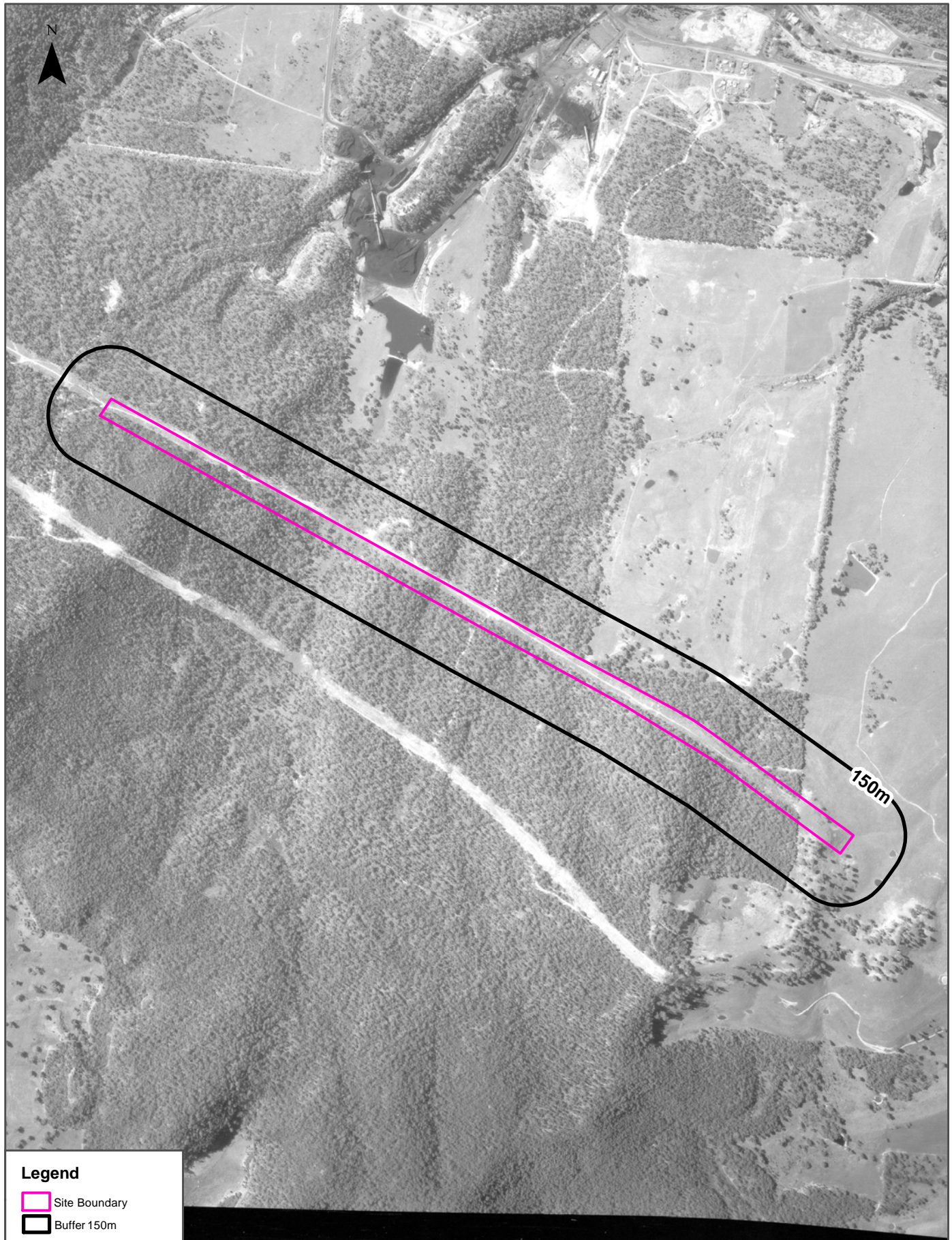
# Aerial Imagery 1989

Part 2 of 4, Wallerawang, NSW 2845





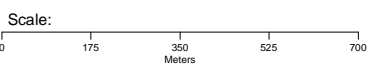
# Aerial Imagery 1984

Part 2 of 4, Wallerawang, NSW 2845



### Legend

-  Site Boundary
-  Buffer 150m



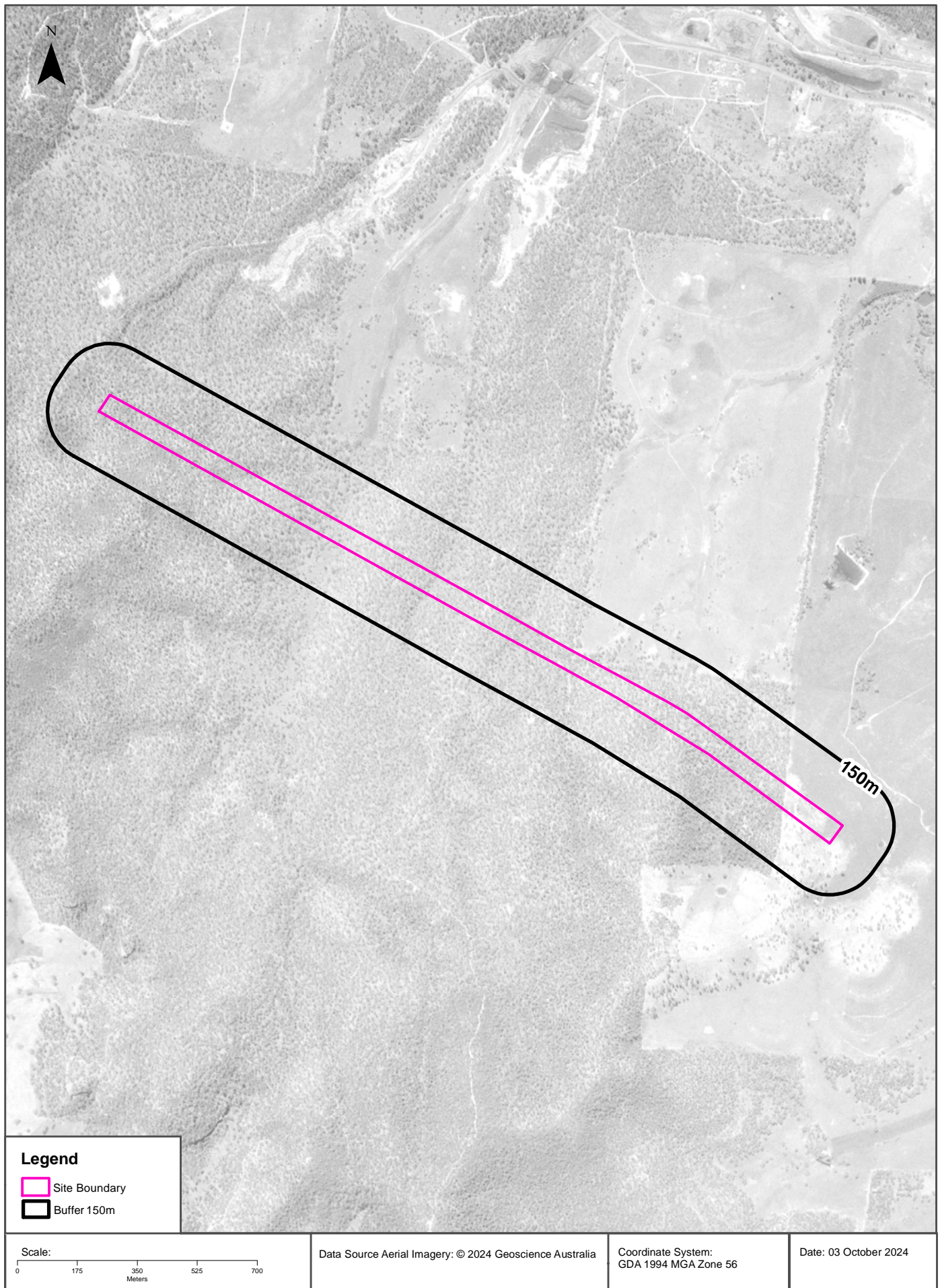
Data Source Aerial Imagery:  
© NSW Department of Customer Service

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

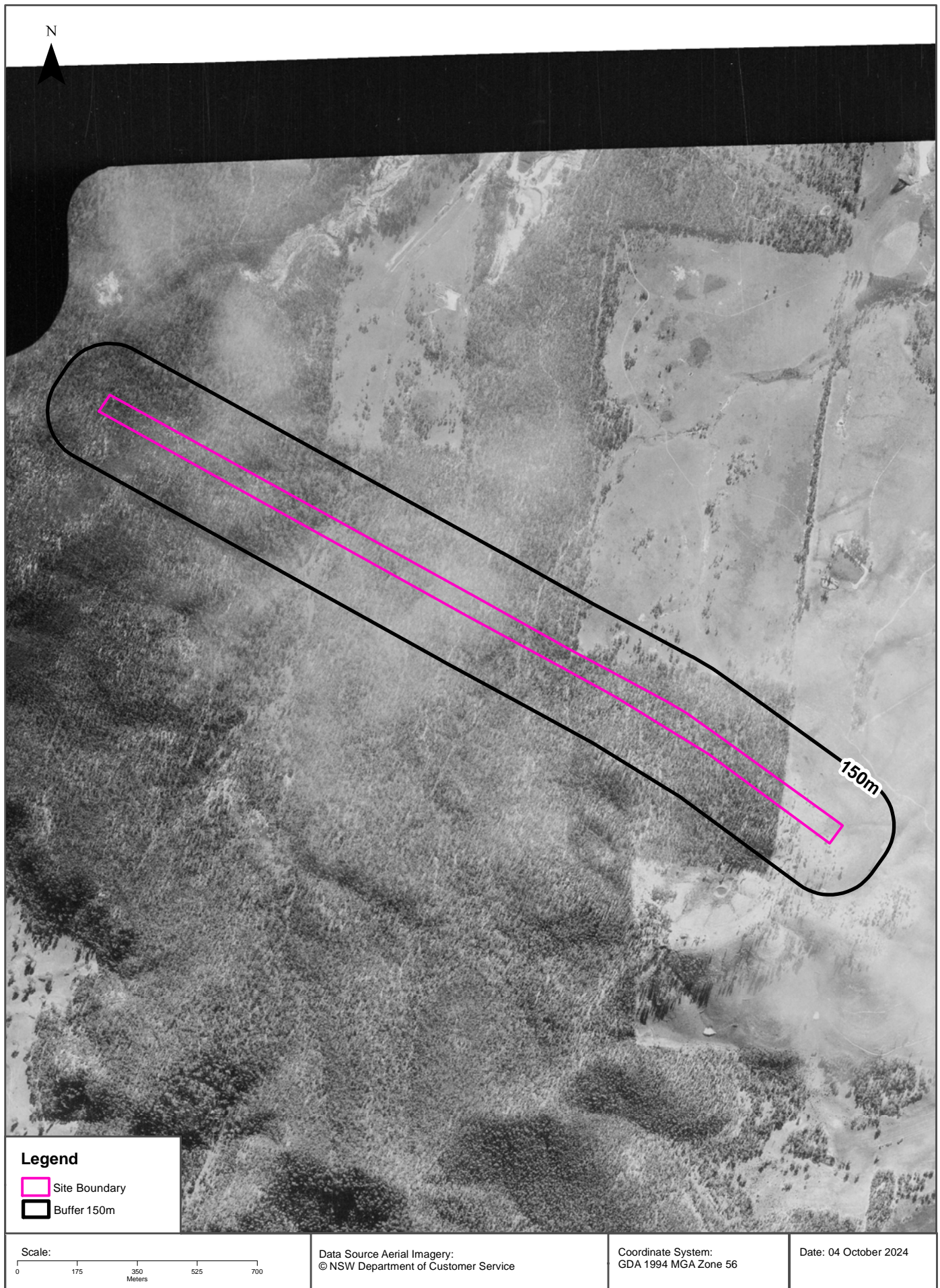
# Aerial Imagery 1972

Part 2 of 4, Wallerawang, NSW 2845



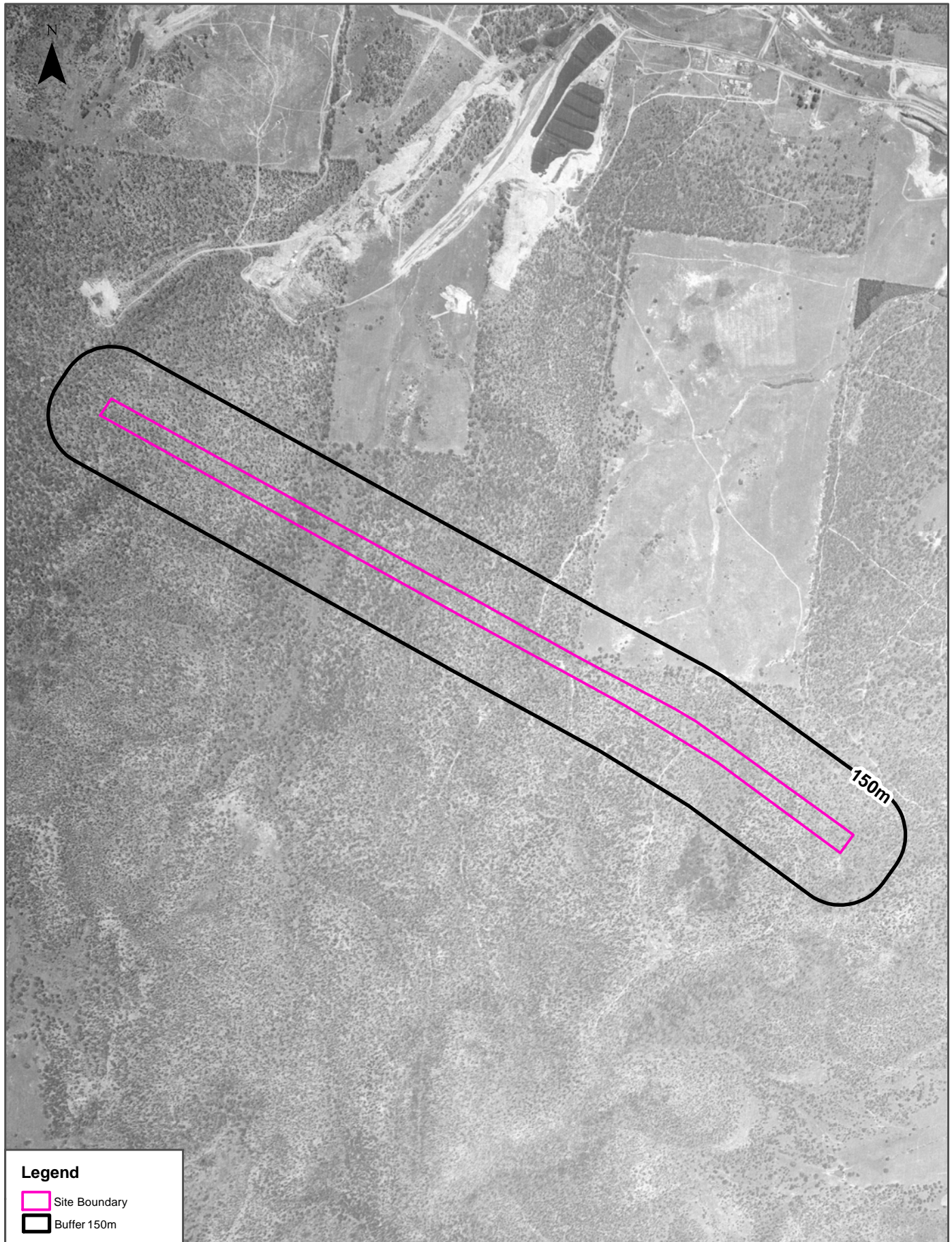
# Aerial Imagery 1969

Part 2 of 4, Wallerawang, NSW 2845





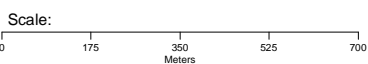
# Aerial Imagery 1954

Part 2 of 4, Wallerawang, NSW 2845



### Legend

-  Site Boundary
-  Buffer 150m



Data Source Aerial Imagery: © 2024 Geoscience Australia

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

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  - (c) releases each Third Party Content Supplier from any claim it may have otherwise had in connection with the Report, or the negotiation of, entry into, performance of, or termination of these Terms.
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  10. Lotsearch acknowledges that if, under applicable State, Territory or Commonwealth law, End User is a consumer certain rights may be conferred on End User which cannot be excluded, restricted or modified. If so, and if that law applies to Lotsearch, then, Lotsearch's liability is limited to the greater of an amount equal to the cost of resupplying the Report and the maximum extent permitted under applicable laws.
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    - (b) any loss of profit, loss of revenue, loss of interest, loss of data, loss of goodwill or loss of business opportunities, business interruption arising directly or indirectly out of or in relation to the Report or these Terms,irrespective of how that liability arises including in contract or tort, liability under indemnity or for any other common law, equitable or statutory cause of action or otherwise.
  12. These Terms are subject to New South Wales law.



# LOTSEARCH

LOTSEARCH AERIALS

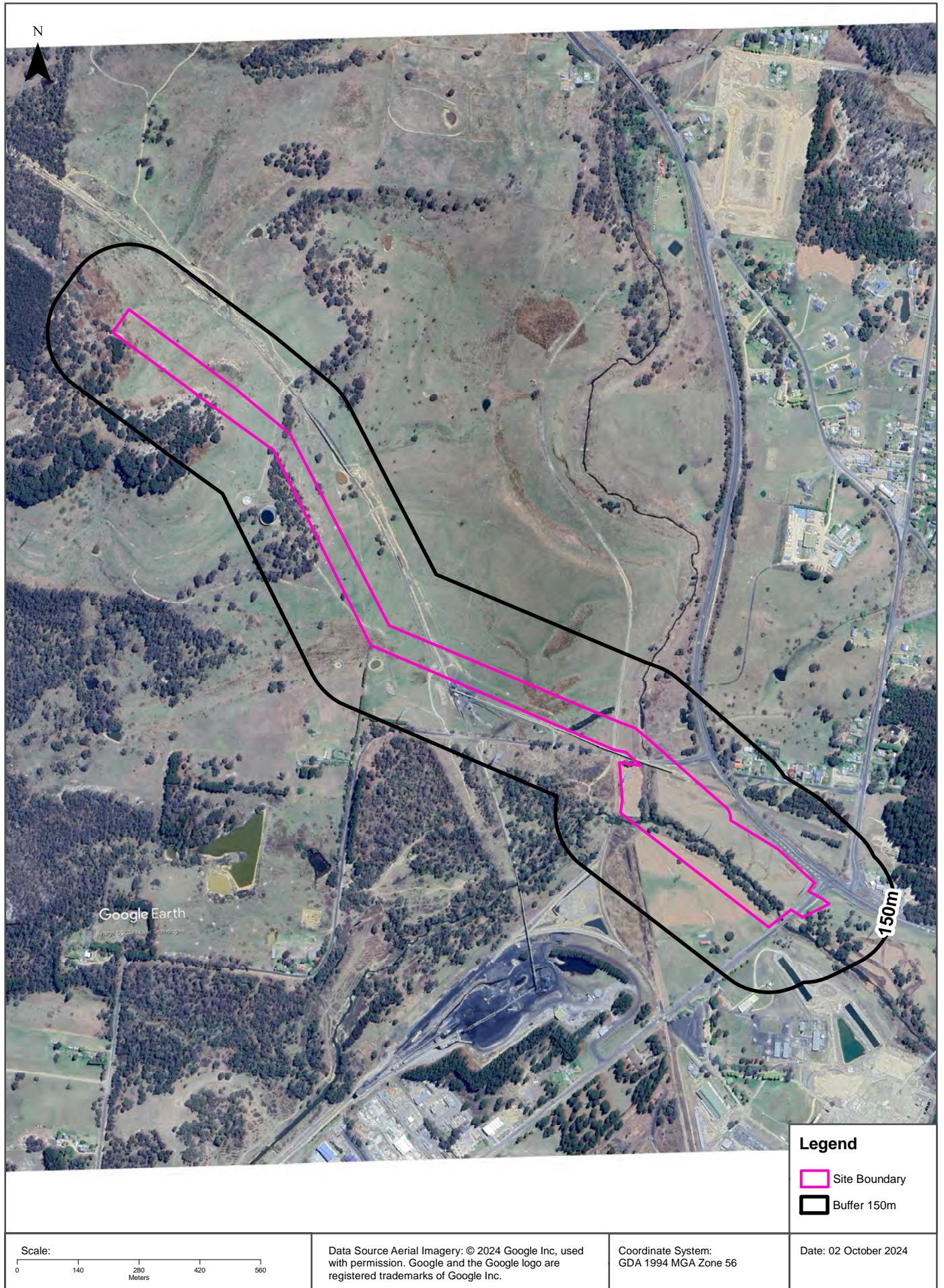
**Date: 03 Oct 2024**

**Reference: LS057492 EA**

**Address: Part 3 of 4, Wallerawang, NSW 2845**

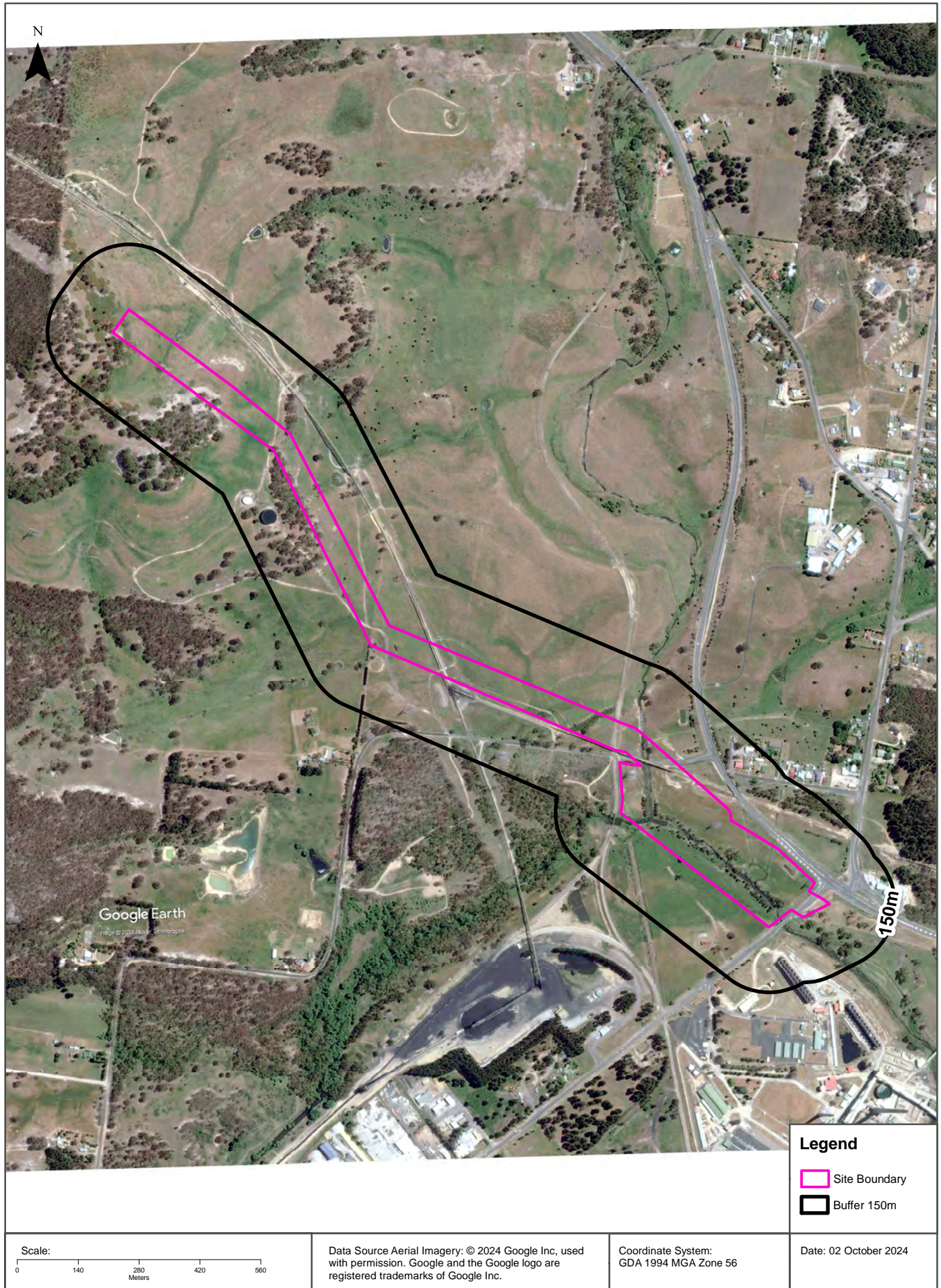
# Aerial Imagery 2023

Part 3 of 4, Wallerawang, NSW 2845



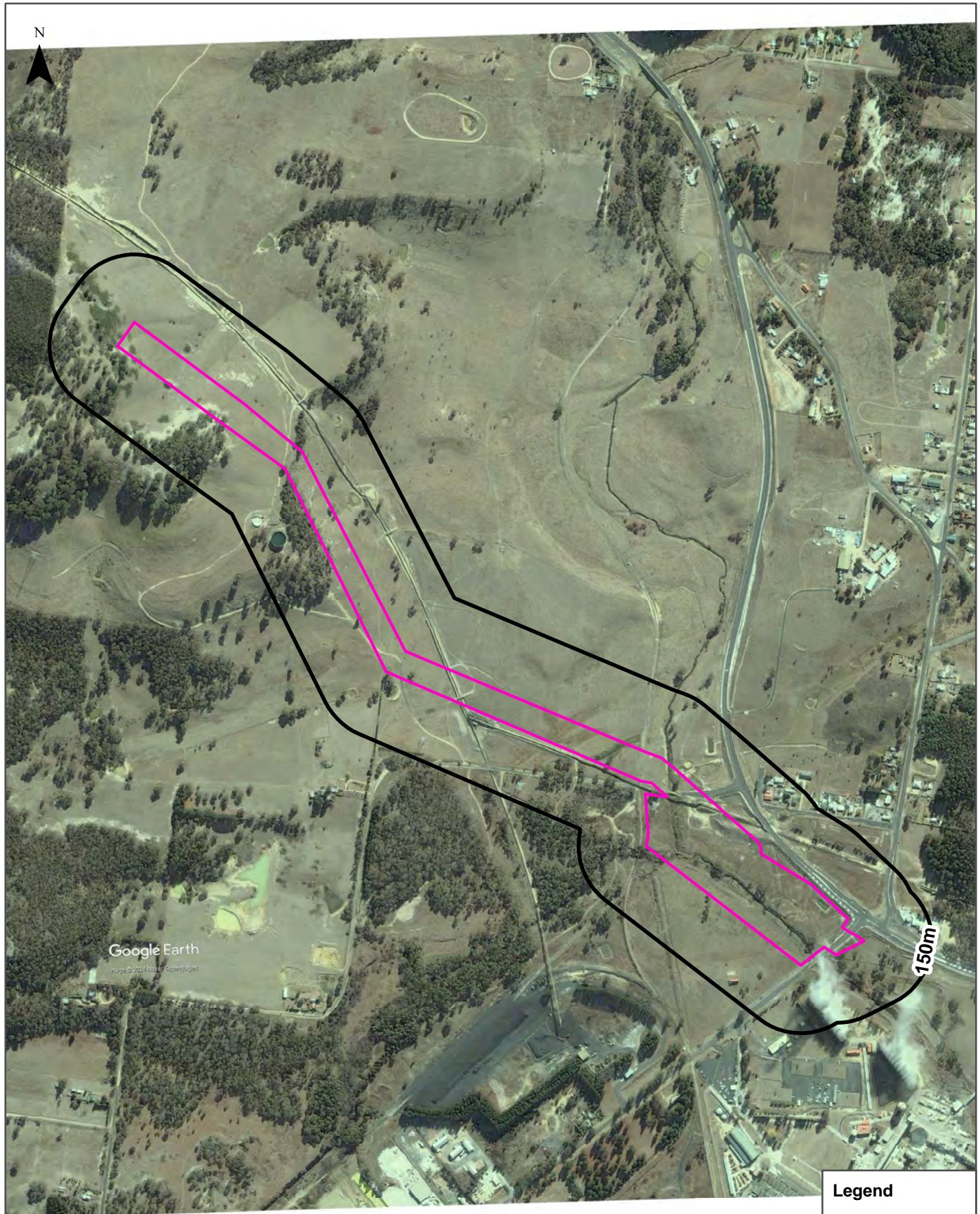
# Aerial Imagery 2014

Part 3 of 4, Wallerawang, NSW 2845





# Aerial Imagery 2006

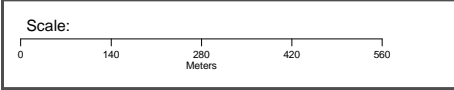
Part 3 of 4, Wallerawang, NSW 2845



Google Earth  
Image © 2014 NASA Technologies

**Legend**

-  Site Boundary
-  Buffer 150m



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Coordinate System:  
GDA 1994 MGA Zone 56



Date: 02 October 2024

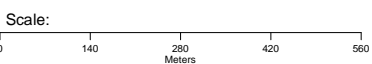
# Aerial Imagery 1998

Part 3 of 4, Wallerawang, NSW 2845



### Legend

-  Site Boundary
-  Buffer 150m



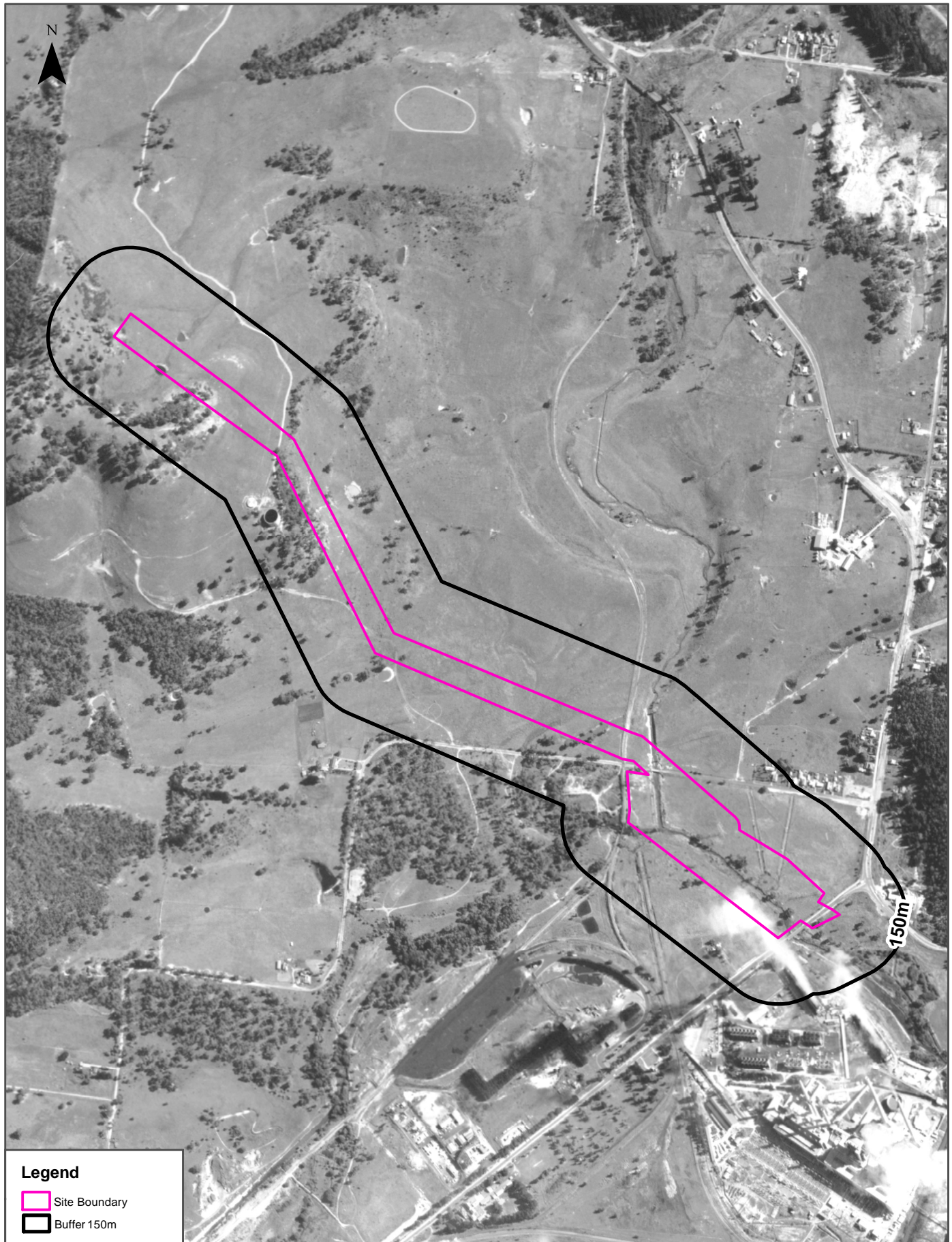
Data Source Aerial Imagery:  
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Coordinate System:  
GDA 1994 MGA Zone 56



Date: 03 October 2024

# Aerial Imagery 1989

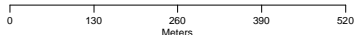
Part 3 of 4, Wallerawang, NSW 2845



### Legend

-  Site Boundary
-  Buffer 150m

Scale:



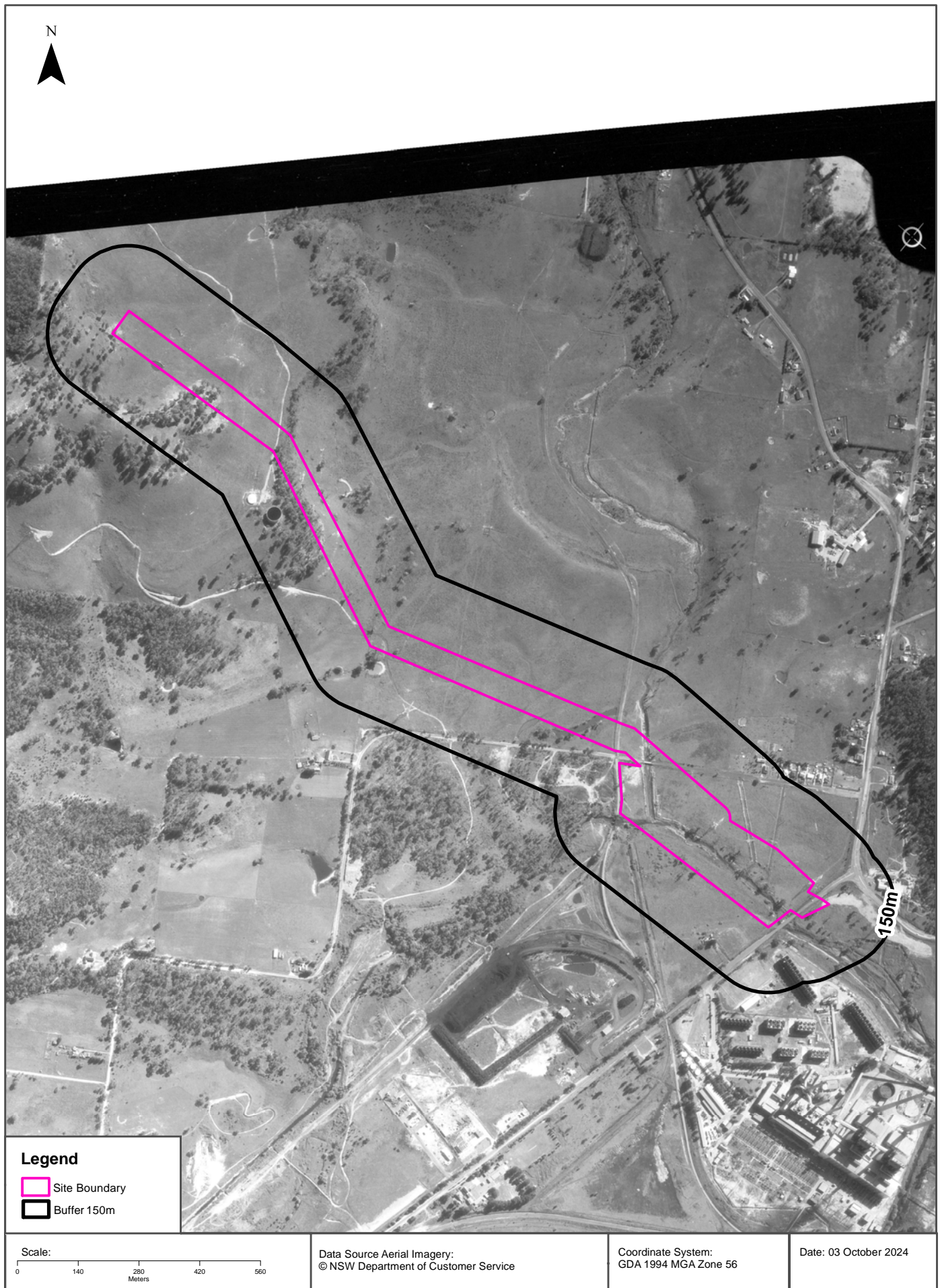
Data Source Aerial Imagery: © 2024 Geoscience Australia

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

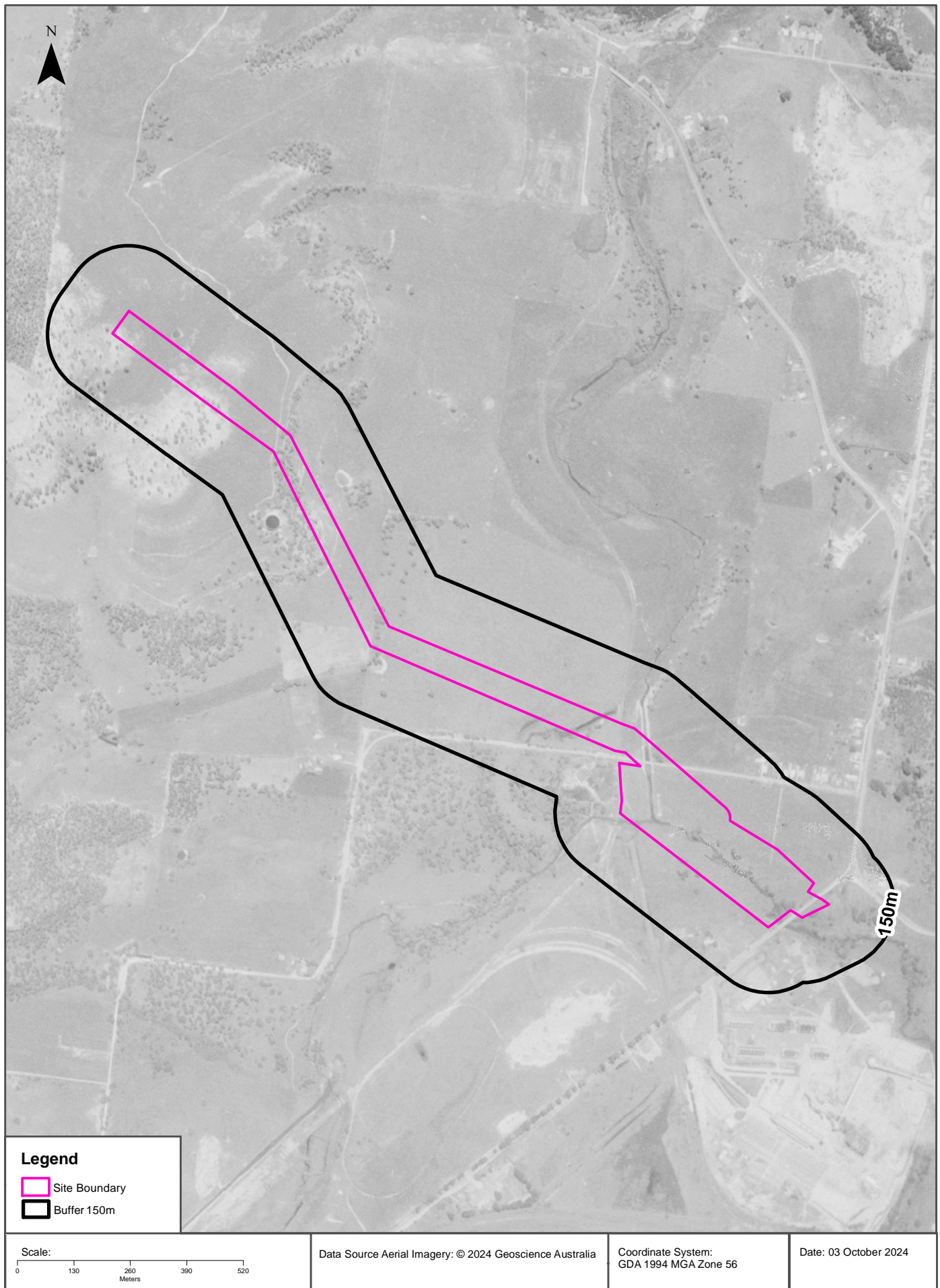
# Aerial Imagery 1984

Part 3 of 4, Wallerawang, NSW 2845



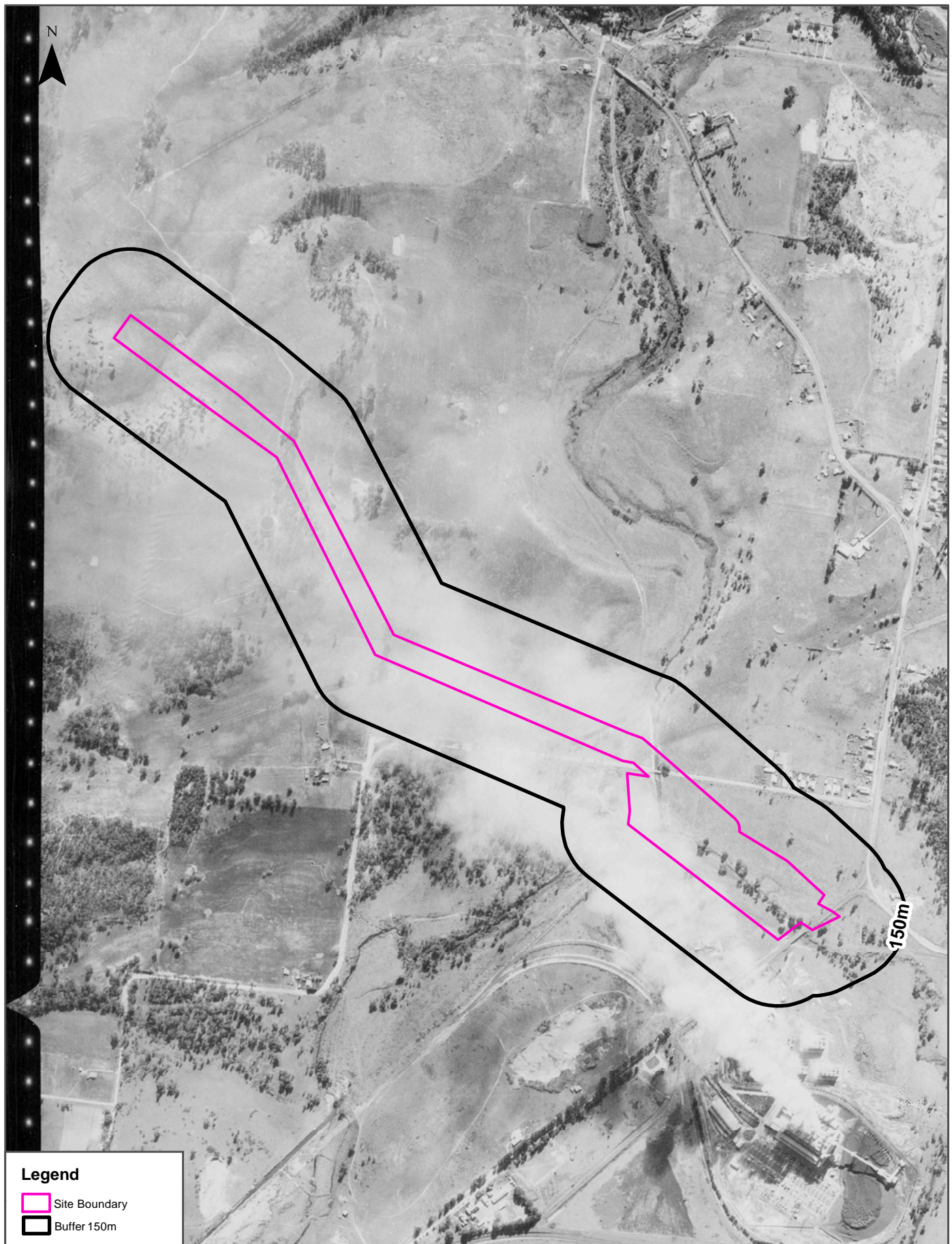
# Aerial Imagery 1972

Part 3 of 4, Wallerawang, NSW 2845





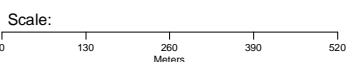
# Aerial Imagery 1969

Part 3 of 4, Wallerawang, NSW 2845



### Legend

-  Site Boundary
-  Buffer 150m



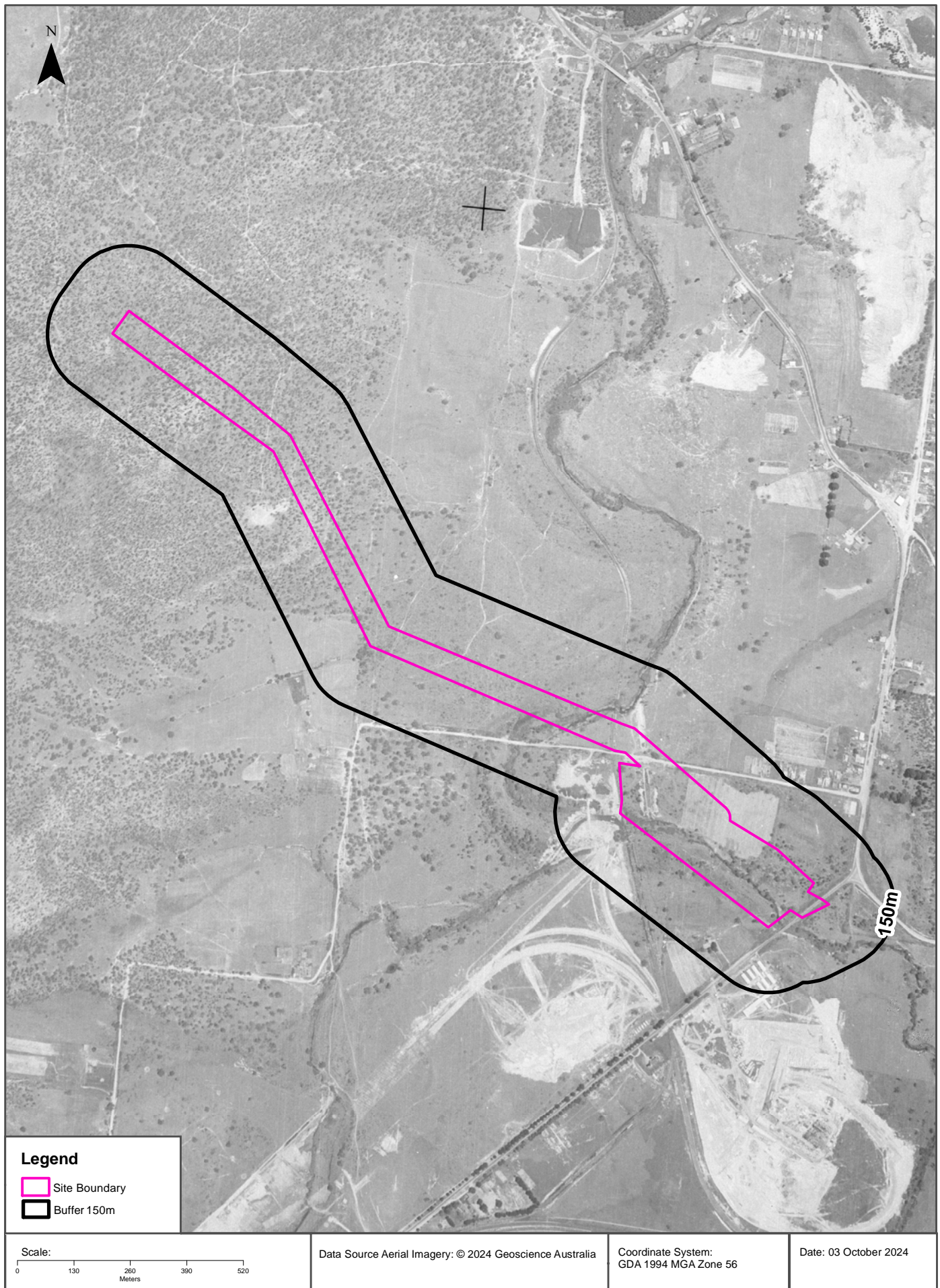
Data Source Aerial Imagery:  
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Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October 2024

# Aerial Imagery 1954

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# LOTSEARCH

LOTSEARCH AERIALS

**Date: 03 Oct 2024**

**Reference: LS057493 EA**

**Address: Part 4 of 4, Wallerawang, NSW 2845**

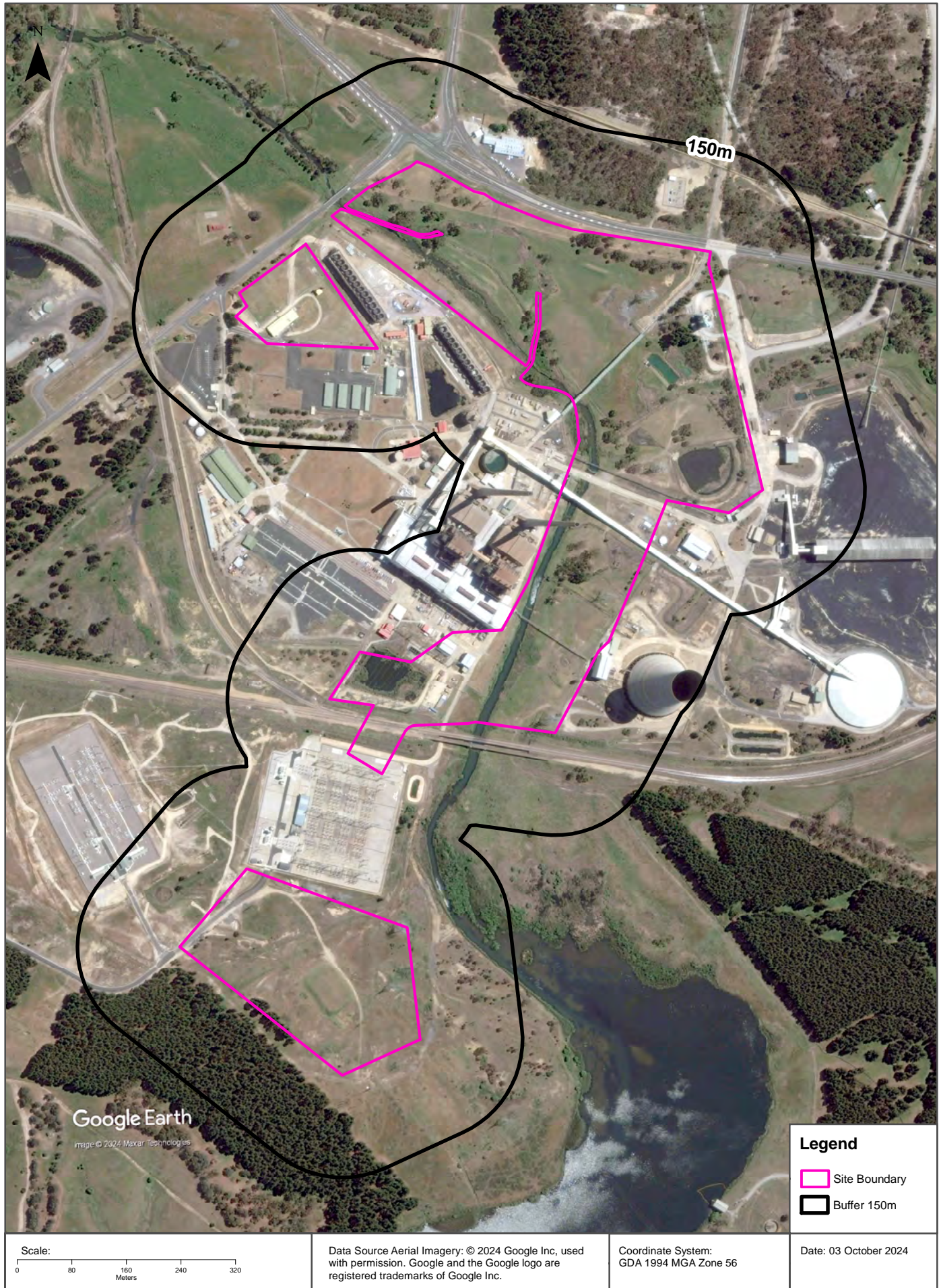
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Part 4 of 4, Wallerawang, NSW 2845



# Aerial Imagery 2014

Part 4 of 4, Wallerawang, NSW 2845



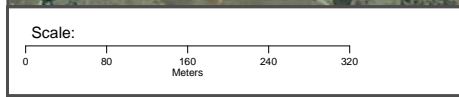
# Aerial Imagery 2006

Part 4 of 4, Wallerawang, NSW 2845



Google Earth  
Images © 2024 Maxar Technologies

Legend	
	Site Boundary
	Buffer 150m



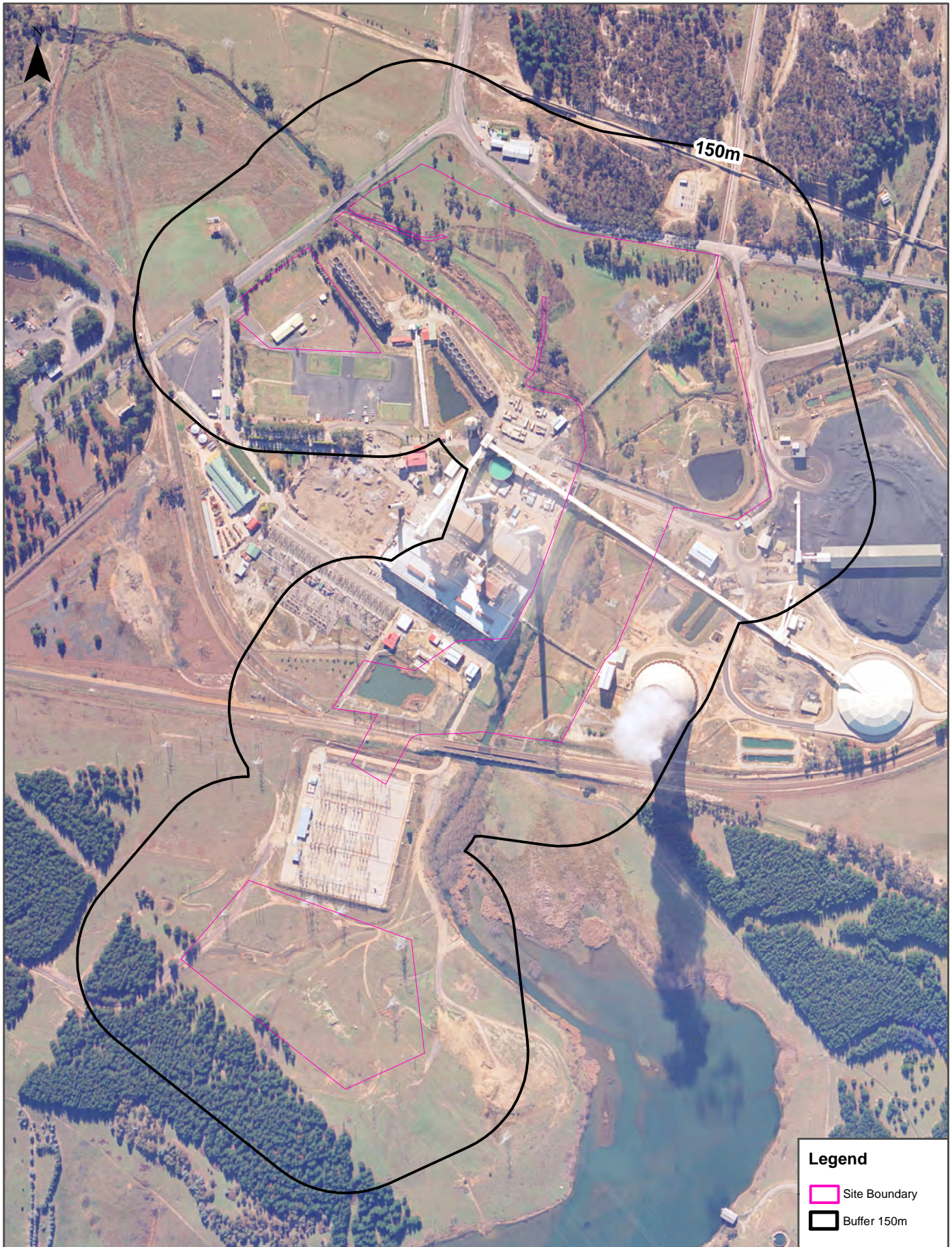
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Coordinate System:  
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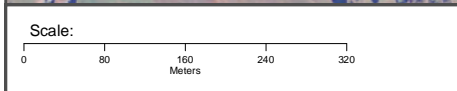
Date: 03 October 2024

# Aerial Imagery 1998

Part 4 of 4, Wallerawang, NSW 2845



Legend	
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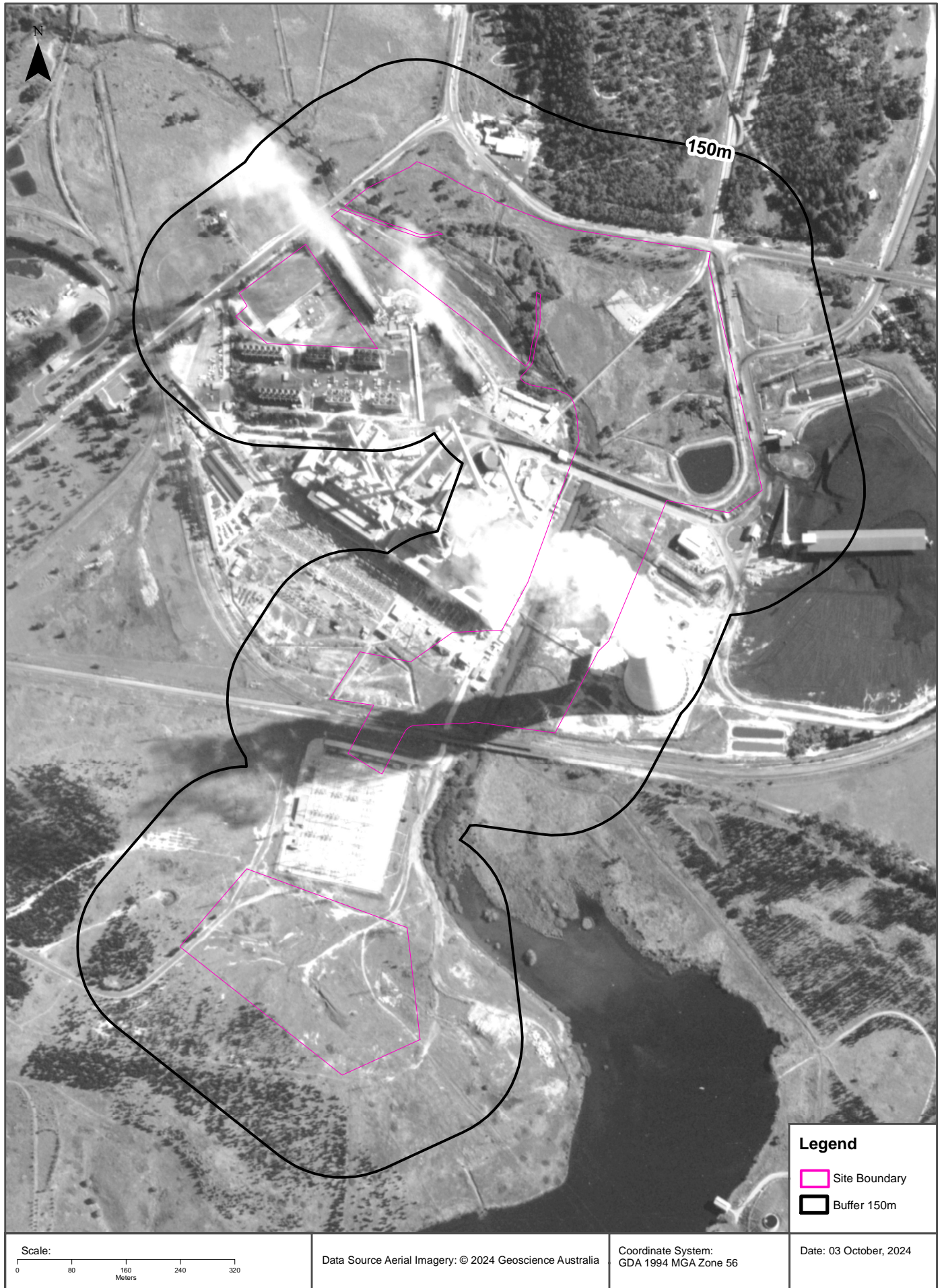
Data Source Aerial Imagery:  
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Coordinate System:  
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Date: 03 October, 2024

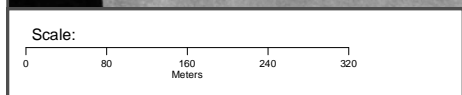
# Aerial Imagery 1989

Part 4 of 4, Wallerawang, NSW 2845



# Aerial Imagery 1984

Part 4 of 4, Wallerawang, NSW 2845



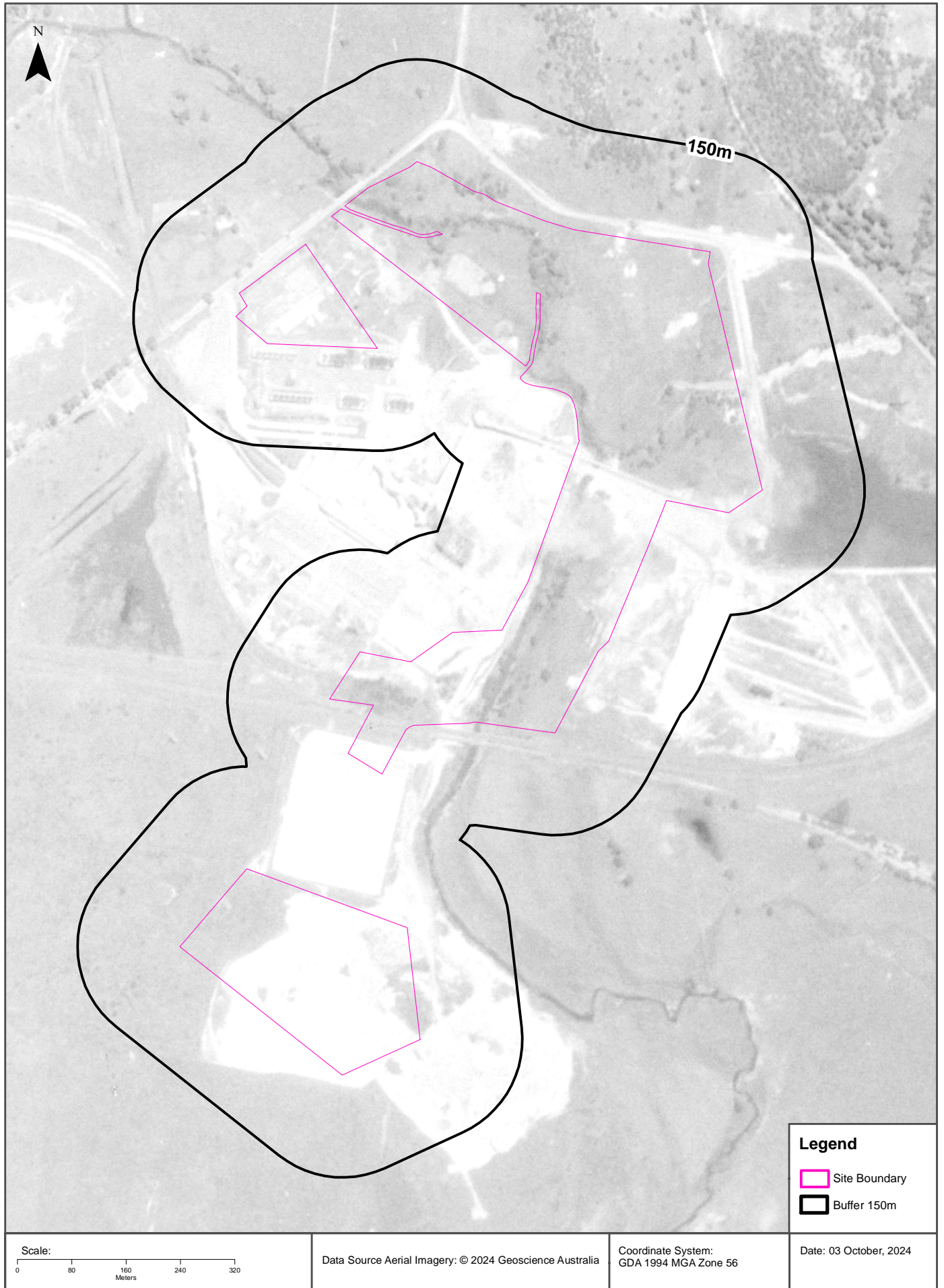
Data Source Aerial Imagery:  
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Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October, 2024

# Aerial Imagery 1972

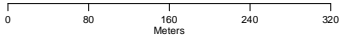
Part 4 of 4, Wallerawang, NSW 2845



### Legend

- Site Boundary
- Buffer 150m

Scale:



Data Source Aerial Imagery: © 2024 Geoscience Australia

Coordinate System:  
GDA 1994 MGA Zone 56

Date: 03 October, 2024

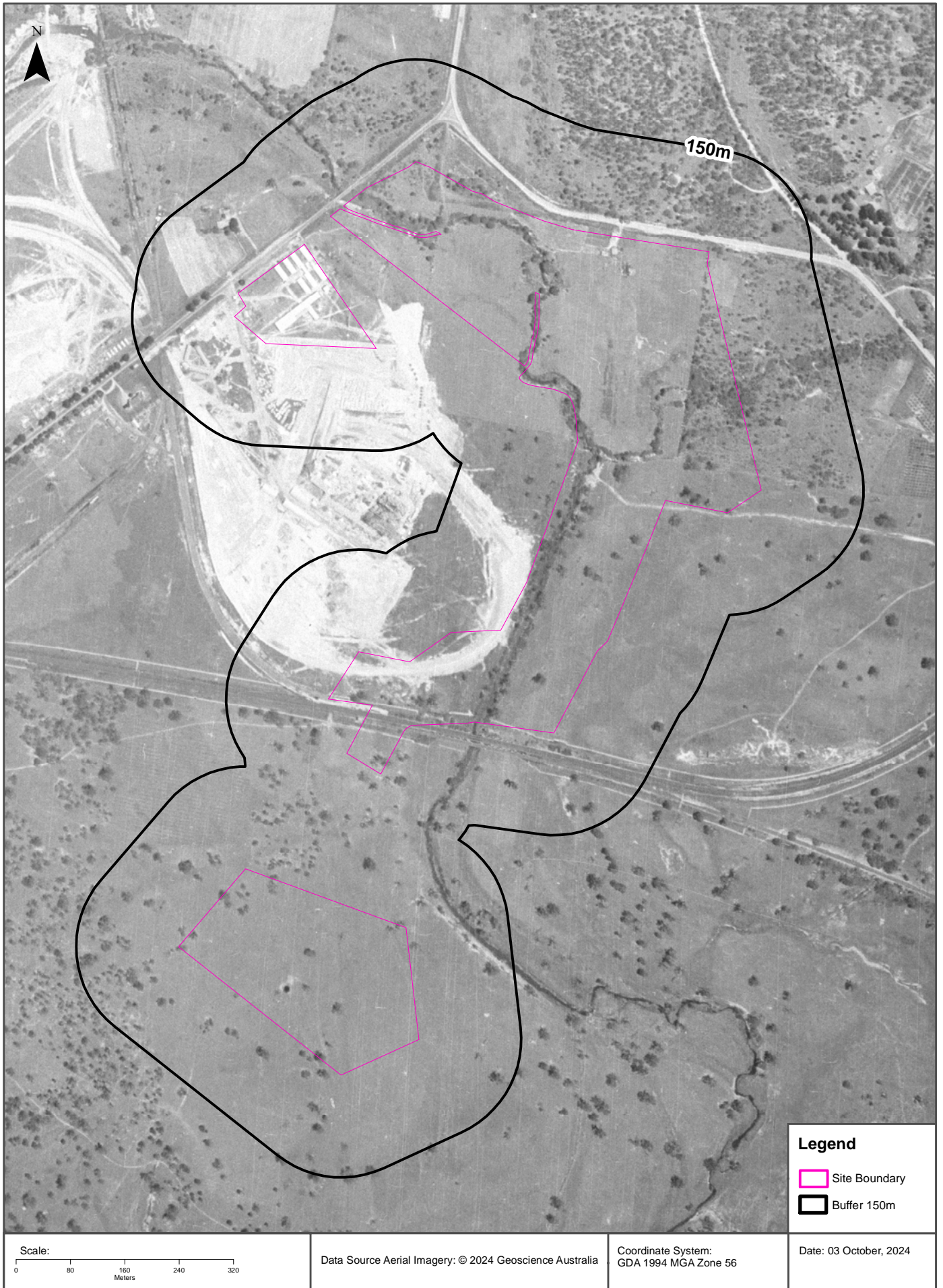
# Aerial Imagery 1969

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# Aerial Imagery 1954

Part 4 of 4, Wallerawang, NSW 2845



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# **Appendix D**

**Historical aerial review**

Year	Description
<b>Section 1</b>	Western portion of the project footprint incorporating land owned by Ivanhoe Coal, Energy Australia and some of Centennial Springvale
1954	<p>Section 1 comprises predominantly of bushland with no evidence of development observed. A track appears to be located in the western end of this section, running in a general north – south direction.</p> <p>To the north of the project footprint there are large areas of land which have been cleared of vegetation possibly with exposed soil and/or rock shown. This and the wider area is likely to have been subject to mining and associated operations.</p> <p>In the southern end of this section, a small cleared area is situated approximately 50 m to the north. The nature of this cleared area is indiscernible.</p>
1969	<p>The project footprint remains relatively unchanged since the 1954 aerial image.</p> <p>The area to the north is similar to that in the 1954 aerial image with possibly more vegetation growth across the previously cleared areas.</p>
1972	Both the project footprint and surrounding area are relatively unchanged. Some bushland clearance has been undertaken on the north western corner of the section.
1984	<p>There has been significant development of the north western area of this section and immediately surrounding it associated with the current Mount Piper PS and Mount Piper SS. There has been vegetation clearance across the north western area (Ivanhoe Coal) and to the south east of the project footprint that follows the access tracks and easements which are present currently. No infrastructure is noted within the actual site boundary, but multiple buildings and structures are observed to the north (Mt Piper PS).</p> <p>The surrounding area further to the south and along the project footprint extent remains as uncleared bushland with some small tracks observed.</p>
1989	<p>The north western portion of the project footprint and surrounding land is similar to that shown in the 1984 aerial image. To the north, there have been several large buildings constructed and two chimney stacks built within the footprint of the Mount Piper PS. In addition, there appears to be multiple cells constructed in a grid pattern. The nature and use of these is not clear.</p> <p>Immediately south of the northwestern portion of the project footprint, an access track is present which leads into a possible excavation area (location of former Ivanhoe Colliery). To the immediate east of this area is an apparent rock face or escarpment as evidenced by a shadow along its length.</p> <p>In addition to the above changes, the Mount Piper SS is under construction close to the northern border of the project footprint. To the south and south east of this additional access tracks have been constructed however the predominant land use remains undeveloped bushland (within Ivanhoe Coal and the now Gardens of Stone SCA land).</p>
1998	<p>In the north western portion of the project footprint multiple electricity pylons have been erected to the immediate south (on Ivanhoe Coal land). Several access tracks are present which is similar to that observed in 1989.</p> <p>The Mount Piper PS to the north has undergone several changes. There has been the development of further infrastructure to main building / components including several catchment dams to the north and north east of the power station, a coal loading area to the north of the chimney stacks, coal loading infrastructure throughout this area (conveyor belt), large landscaped areas are present north of the substation, north east of the project footprint and in proximity to the power station main buildings. Four cells are present approximately 300 m to the north of the project footprint with an access road way into them. These cells have a mixture of grassed surfaces and grey coloured material at surface. The multiple cells present in 1989 are not observed however the area they were located in appears to have been landscaped or rehabilitated.</p> <p>Approximately 150 m to the south of the northwestern portion there appears to be a large laydown area comprising of (potentially trucks, truck containers, old machinery or miscellaneous storage tanks/containers) and shipping containers (underlain by grey material, potentially road base or gravel) has been finished. This area correlates to the Ivanhoe Colliery and mining area.</p>

<b>Year</b>	<b>Description</b>
2006	<p>The project footprint remains relatively unchanged since the 1998 aerial image. A large area immediately to the north of the south eastern portion of the project footprint has been filled with what is assumed to be coal wash. The filling extends to the north and north east in what was formerly bushland.</p> <p>The Mount Piper PS and southern portion of the surrounding area have not undergone significant changes.</p>
2014	<p>The project footprint and surrounding area remains generally unchanged since the 2006 aerial image. A notable change is the substation immediately to the north of the north western portion has extended to the west. In addition, the large infill area to the north appears to have been further infilled with additional material noted along the boundary with the project footprint and further to the north.</p>
2023	<p>The project footprint and surrounding area remains generally unchanged since the 2014 aerial image. Construction of the Springvale Water Treatment Plant has occurred since 2014 and is located on the south east boundary of the Mt Piper PS, approximately 370 m from the project footprint (to the south).</p> <p>Further development and extension to the LSAR to the south east has been observed.</p> <p>A dam or possible detention basin is observed on recent aerial imagery (2024) on land associated with the former mining activities at Ivanhoe mines.</p>
<b>Section 2</b>	<p>Central portion of the project footprint incorporating land owned by Centennial Springvale, Garden of Stone SCA and some of Ivanhoe Coal</p>
1954	<p>The project footprint and immediate surrounding area appears to comprise of bushland with paddocks present adjacent to the south eastern portion of the project footprint (Gardens of Stone SCA).</p> <p>Approximately 150 m to the north of the north western portion of the project footprint there is a patch of cleared land with unsealed access roads running to the north east leading to a larger area of cleared bushland with apparent stockpiles present (consisting of an unknown dark material, possibly coal) (current day Centennial Springvale land).</p>
1969	<p>The project footprint and immediate surrounding area are relatively unchanged since the 1954 aerial image.</p>
1972	<p>The project footprint and immediate surrounding area remain relatively unchanged since the 1969 aerial image.</p>
1984	<p>There has been vegetation clearance along the length of the project footprint which correlates with the current day access track (Gardens of Stone SCA). An access track is located approximately 150 m to 200 m to the south of the project footprint.</p> <p>Approximately 300 m to the north of the project footprint there is a large dam with potential storage of coal or coal wash approximately 100 m further to the north (likely to be LNAR). There are also several small structures potentially associated with the movement of coal through the area.</p> <p>Paddocks and agricultural land are present around the south eastern portion of the project footprint.</p>
1989	<p>The project footprint remains relatively unchanged since the 1984 aerial image.</p> <p>To the north of the project footprint boundary there is evidence to suggest multiple areas have been cleared of vegetation and now comprise of bare soil. It is assumed that is associated with agricultural works rather than the nearby power station.</p> <p>Further development to the area used to store/transport coal wash has been noted, with the infrastructure extended to the north.</p>
1998	<p>The project footprint remains relatively unchanged since the 1998 aerial image. Several minor changes are noted in the northern portion of the surrounding area, with further development of the coal wash transport/ storage area, the development of the coal chute that runs south east towards Wallerawang and to the north east there are several small dwellings observed.</p>

<b>Year</b>	<b>Description</b>
2006	<p>The project footprint remains relatively unchanged since the 1998 aerial imagery.</p> <p>As discussed in the Section 1 review, a large tailings dam / ash repository (LSAR), likely used to store ash / coal wash, has been constructed along the northern boundary with the project footprint. There are some areas with grey/dark grey material present and large area with what appears to be exposed soil present.</p>
2014	<p>The project footprint remains relatively unchanged since the 2006 aerial image.</p> <p>The ash repository to the north is similar in extent to what it was in the previous aerial imagery. However, some vegetation clearance is possibly encroaching in to the project footprint, but no additional infrastructure is observed. The large area of assumed exposed soil appears to have sporadic vegetation growth over its surface.</p>
2023	<p>The project footprint remains relatively unchanged since the 2014 aerial image. The ash repository to north (LSAR) has undergone some significant changes with the eastern area assumed to be rehabilitated with vegetation and the western area formalised with batters and access roads constructed. To the northwest of the tailings dam there has been bulk movement or creation of stockpiles of coal wash.</p>
<b>Section 3</b>	<p>Central to eastern portion of the project footprint incorporating land owned by Ivanhoe Coal, WaterNSW, private landholders and former Wallerawang Power Station Site</p>
1954	<p>The project footprint comprises bushland in the north western portion (Gardens of Stone SCA) and mainly paddocks to the south east towards Wallerawang. Possible earthworks are observed in the south eastern section which extend into immediately surrounding land.</p> <p>In the south eastern portion of this aerial image, Coxs River is visible running through the project footprint. There are several access tracks and a sealed road running south west to north east (likely to be Main Street, Wallerawang) towards the south eastern extent of the project footprint.</p> <p>In the surrounding area, the north is generally comprised of a mix of bushland, paddocks, some areas of cleared vegetation, unsealed access roads, rural residential properties and Wolgan Road running to the north.</p> <p>To the south west the land is occupied by paddocks, sporadic bushland and Brays Lane is visible. To the immediate south and extending beyond this are areas of cleared vegetation adjacent to Wallerawang. There are various properties along the Main Street of Wallerawang.</p>
1969	<p>The quality of this aerial image is poor due to smoke or similar originating from the Wallerawang PS and possible changes along the project footprint are not visible.</p> <p>In the surrounding area, further residential dwellings have been developed to the north and the road network appears more formalised. The Wallerawang PS has been constructed. A large patch of cleared vegetation or possibly a stockpile is situated approximately 300 m to the south of the project footprint, close to Main St, Wallerawang.</p>
1972	<p>The project footprint remains relatively unchanged since the 1969 aerial image.</p> <p>A large water tank has been constructed approximately 50 m to the south of the northwestern portion of project footprint (this water tank was observed during the site inspection).</p> <p>The immediate surrounding area appears to be similar to that of the 1969 aerial image.</p>
1984	<p>The project footprint remains relatively unchanged since the 1972 aerial imagery.</p> <p>The significant changes in the surrounding area have occurred to the south, close to Wallerawang with further development to the Wallerawang PS with the addition of the coal loading facility to the immediate north of Main St, Wallerawang (Lidsdale Siding).</p> <p>Approximately 540 m to the north of the project footprint, close to Wolgan Road, there has been additions to an existing industrial type facility which now appears much larger with multiple buildings constructed.</p>
1998	<p>The project footprint and surrounding area remain relatively unchanged since the 1984 aerial imagery.</p> <p>The most notable development within the surrounding area is the construction of the current coal conveyor, north of the current easement and boundary, which traverses the Ivanhoe Coal land located north of Brays Lane. There is also development underway on paddocks located approximately 450 m to the south of the project footprint with dam construction commencing.</p>

Year	Description
2006	The project footprint and surrounding area remain relatively unchanged since the 1998 aerial imagery.
2014	The project footprint and surrounding area remain relatively unchanged since the 2006 aerial imagery.
2023	The project footprint and surrounding area remain relatively unchanged since the 2014 aerial imagery.
<b>Section 4</b>	Eastern portion of the project footprint incorporating land owned by Greenspot Wallerawang and Energy Australia
1954	<p>The project footprint generally comprises paddocks with some access tracks observed. The Coxs River runs the entire length of the Study Area, initially in the central portion then close to the western boundary where it crosses the Main Western Railway Line and runs to the south east.</p> <p>In the surrounding area the construction of the Wallerawang Power Station has commenced with large areas of cleared vegetation and construction activities evident. Some of the construction activities appear adjacent to the western boundary of the project footprint close to Coxs River. To the north there is bushland and two main access roads which are likely to be the main Castlereagh Highway and Skelly Road (further to the north).</p>
1969	<p>The project footprint generally remains relatively unchanged since the 1954 aerial image. However, the surrounding area, particularly to west has undergone significant changes, most notably, the development of the Wallerawang Power Station. The power station comprises of several large structures (assumed to be the main components of the power station). To the immediate west of the project footprint (close to the Main Western Railway Line to the south) there is a large stockpile of dark material (assumed to be coal) with a multiple smaller stockpiles sitting on its surface.</p>
1972	<p>There has been some development in the project footprint which is assumed to be clearing and earthworks mainly in the central portion (adjacent to the power station) and to the south of the Main Western Railway Line (where the current day substation is located).</p> <p>To the west and east of the project footprint, land has been cleared to accommodate further development associated with the Wallerawang power station. Due to poor image quality, changes at the Wallerawang power Station are unable to be discerned.</p>
1984	<p>There have been multiple changes in the project footprint which are assumed to be associated with the overall construction of the power station. A large dam has been constructed in the north eastern portion, adjacent to the main access road from Castlereagh Highway.</p> <p>Several linear type structures have been developed which are assumed to be loading infrastructure and internal access roads which feed into and connect with the main power station buildings located immediately to the west of the project footprint. Linear infrastructure has also been constructed in the central portion adjacent to Coxs River, one of which appears to originate from a small dam located 50 m to the east.</p> <p>In the north western portion of the project footprint, to the immediate south of Main St, Wallerawang, the project footprint is occupied by a large building with grassed areas surrounding it. The nature and use of this building and land is not known, however, it could be used for recreational purposes.</p> <p>In the surrounding area most of the changes appear to be associated with the construction and development of the power station. A large area approximately 100 m to the east of the project footprint boundary has been developed which appears to contain a large volume of dark material (assumed to be coal). A large chimney stack has been constructed approximately 40 m to the east of the project footprint, close to Coxs River.</p> <p>A large substation has been constructed immediately to the south of the Main Western Railway Line and to the north of the southernmost portion of the project footprint. A large water feature is noted to have been constructed to the east of the southernmost portion of the project footprint which appears to flow into Lake Wallace.</p>

Year	Description
1998	<p>The majority of the project footprint remains relatively unchanged since the 1984 aerial image. A dam has been constructed within the central portion, south of the Wallerawang PS. The southern most portion largely remains undeveloped; however, several electricity pylons have been erected as well as some access tracks visible in addition to several small stockpiles of materials (nature and contents unknown).</p> <p>A large domelike structure has been constructed approximately 250 m to the east of the project footprint, with linear infrastructure connecting it and the Wallerawang Power Station to the west. This dome like feature occupies land which was previously covered in dark material (assumed to be coal).</p> <p>The water feature to the south of the project footprint is the northern portion of Lake Wallace.</p>
2006	<p>The project footprint and surrounding area remain relatively unchanged since the 1998 aerial imagery.</p>
2014	<p>The project footprint and surrounding area remain generally unchanged since the 2006 aerial imagery with the exception of the construction of a large substation to the immediate west of the southernmost portion of the project footprint (south of the Main Western Railway Line).</p>
2023	<p>The project footprint remains relatively unchanged since the 2014 aerial imagery with the exception of the construction of two dams adjacent to the north western portion of the project footprint, close to Main St, Wallerawang. These dams were constructed at the location of the former cooling water plant.</p> <p>In the surrounding area, the demolition of Wallerawang PS has occurred with the main buildings and some of the associated infrastructure no longer present.</p>

# **Appendix E**

## **10.7 Planning Certificates**



Barry Houston  
Level 15, 133 Castlereagh Street  
SYDNEY NSW 2000

## PLANNING CERTIFICATE UNDER SECTION 10.7, ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979

CERTIFICATE NO: PLANC5-24-0076

YOUR REF: 12612502

RECEIPT NO: 371941

ISSUE DATE: 13/11/2024

PROPERTY ADDRESS: Ivanhoe Colliery Boulder Road BLACKMANS FLAT NSW 2790

OWNER: Ivanhoe Coal Pty Ltd

LAND PARCEL DESCRIPTIONS: Lot 162 DP 751638 and  
Lot 166 DP 751638

IN ACCORDANCE WITH SECTION 10.7(2) OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979, IT IS CERTIFIED THAT AT THE DATE OF THIS CERTIFICATE THE FOLLOWING PRESCRIBED MATTERS RELATE TO THE LAND:

### 1. Names of relevant planning instruments and DCPs

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

Lithgow Local Environment Plan 2014

Lithgow Development Control Plan 2021

Further, the following State Environmental Planning Policies apply to the land:

State Environmental Planning Policy (Housing) 2021

State Environmental Planning Policy (Planning Systems) 2021

State Environmental Planning Policy (Biodiversity and Conservation) 2021

State Environment Planning Policy (Resilience and Hazards) 2021

State Environmental Planning Policy (Transport and Infrastructure) 2021

State Environmental Planning Policy (Industry and Employment) 2021

State Environmental Planning Policy (Resource and Energy) 2021

State Environmental Planning Policy (Primary Production) 2021

State Environmental Planning Policy (Sustainable Building: BASIX) 2022

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

A copy of the SEPPs are available on the NSW Legislation website- [www.legislation.nsw.gov.au](http://www.legislation.nsw.gov.au)

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

Nil.

## 2. Zoning and land use under relevant LEPs

(a) Identify the zone:

RU1 PRIMARY PRODUCTION

(b) The purposes for which development in the zone:

(i) May be carried out without development consent

Extensive agriculture; Home occupations; Roads;

(ii) May not be carried out except with development consent:

Air transport facilities; Airstrips; Animal boarding or training establishments; Aquaculture; Bed and breakfast accommodation; Boat building and repair facilities; Boat launching ramps; Boat sheds; Building identification signs; Business identification signs; Camping grounds; Cellar door premises; Cemeteries; Charter and tourism boating facilities; Community facilities; Crematoria; Dual occupancies; Dwelling houses; Eco-tourist facilities; Educational establishments; Environmental facilities; Environmental protection works; Extractive industries; Farm buildings; Farm stay accommodation; Flood mitigation works; Forestry; Freight transport facilities; Heavy industrial storage establishments; Helipads; Highway service centres; Home-based child care; Home businesses; Home industries; Industrial training facilities; Information and education facilities; Intensive livestock agriculture; Intensive plant agriculture; Jetties; Landscaping material supplies; Markets; Open cut mining; Plant nurseries; Recreation areas; Recreation facilities (major); Recreation facilities (outdoor); Roadside stalls; Rural industries; Rural supplies; Secondary dwellings; Service stations; Transport depots; Truck depots; Veterinary hospitals; Water recreation structures; Water supply systems.

(iii) Is prohibited:

Any development not specified in item (i) or (ii).

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

Nil.

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

40ha as per the Lot Size Map for Lithgow Local Environmental Plan 2014.

- Note:
1. For zones R1 General Residential and R2 Low Density Residential, no minimum land size **applies for a 'dwelling-house' and the above land size applies to the minimum lot size** for the purpose of a Torrens Title subdivision or additional dwellings in relation to Clause 4.1A of LEP2014.
  2. **A 'dwelling-house' may be permissible if it does not meet the minimum lot size for zones** RU1, RU2, E3, E4, RU5 and R5 if it can comply with Clause 4.2A or 4.2B of LEP2014. A search in this regard may be sought separately from Council.
  3. **The above minimum land size is as per the 'Lot Size Map' for the purpose of a subdivision (Clause 4.1 of LEP2014) and does not necessarily state that a 'dwelling-house' is permissible in that particular zoning.**

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

No.

(f) Whether the land is in a conservation area (however described):

No.

(g) Whether an item of environmental heritage (however described) is situated on the land:

No.

### 3. Contributions Plans

The name of each contributions plan under the Act, Division 7.1 applying to the land, including draft contribution plans applying to the land:

Lithgow Local Infrastructure Contributions Plan (Section 7.12) 2024 applies to this land.

### 4. Complying Development

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

No.

(2) If complying development may not be carried out on that land because of one of the clause 1.17A (1) (c) to (e), (2), (3) and (4), 1.18 (1) (c3) and 1.19 of that Policy, the reasons why it may not be carried out under the clause:

- A) Complying Development may not be carried out on the land under Clause 1.17A(1)(e) of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* because the land or part thereof is within an environmentally sensitive area as identified in Lithgow Local Environmental Plan 2014.

- B) Complying Development under the Inland Code or the Low Rise Housing Diversity Code may not be carried out on the land if that development will result in an increase to the number of bedrooms on the site or in a site disturbance area of more than 250m<sup>2</sup>, under Clause 1.19(1)(j)(i) of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* because the land or part thereof is known to be unsewered land to which the Clause 6.5 of *State Environmental Planning Policy (Biodiversity & Conservation) 2021* applies.

Complying Development under the Housing Alterations Code and General Development Code may not be carried out on the land if that development will result in an increase to the number of bedrooms on the site or in a site disturbance area of more than 250m<sup>2</sup>, under Clause 1.19(4)(a) of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* because the land or part thereof is known to be unsewered land to which the Clause 6.5 of *State Environmental Planning Policy (Biodiversity & Conservation) 2021* applies.

Complying Development under the Commercial and Industrial (New Buildings and Additions) Code may not be carried out on the land under Clause 1.19(5)(i)(i) of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* because the land or part thereof is known to be unsewered land to which the Clause 6.5 of *State Environmental Planning Policy (Biodiversity & Conservation) 2021* applies.

Note: The above responses apply only to the land exemptions for Exempt and Complying Development set out in clauses 1.17A (1) (c) to (e), (2), (3) and (4), 1.18 (1) (c3) and 1.19 of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* for the Housing Code, Rural Housing Code, Housing Alterations Code, General Development Code and the Commercial and Industrial (New Buildings and Additions) Code. Other clauses within the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* may permit some development occurring on the subject land.

Note: clause 1.19 (6) states that specific land exemptions may apply only to part of a lot Nothing in this clause prevents complying development being carried out on part of a lot that is not land referred to in this clause even if other parts of the lot are such land.

## 5. Exempt development

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

Yes. Some developments on this land may constitute Exempt Development provided it comply with the provisions of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.

- (2) If exempt development may not be carried out on the land because of clause 1.16(1)(b1) to (d) or 1.16A, the reasons why it may not be carried out under the clause:

N/A.

## 6. Affected Building notices and building product rectification orders

If Council is aware of any affected building notice, building product rectification order or notice of intention to make a building product rectification order that is in force in relations to the land is outstanding, as per the *Building Products (Safety) Act 2017*?

No.

7. Land reserved for acquisition

Whether or not any environmental planning instrument or proposed environmental planning instrument referred to in Section 1 makes provisions in relation to the acquisition of the land by a public authority of the State, as referred to in the Act Section 3.15:

No.

8. Road widening and road realignment

Whether or not the land affected by any road widening or road realignment under:

- a) Division 2 of Part 3 of the *Roads Act 1993*, or
- b) any environmental planning instrument, or
- c) any resolution of council:

The property does not have direct frontage to a Council or Transport for NSW Road.

9. Flood related development controls information

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

No - The land or part of the land is not within the Interim Flood Planning Area (IFPA) identified in the Lithgow Flood Study 2017 or the land is outside the Lithgow Flood Study area. If the land is outside the Lithgow Flood Study area, flood related assessment requirements may still apply to the land.

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

No.

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

Whether land is affected by an adopted policy that restricts the development of the land because of the likelihood of land slip, bushfire, tidal inundation, subsidence, acid sulphate soils, contamination, aircraft noise, salinity, coastal hazards, sea level rise or another risk, other than flooding:

No.

11. Bush Fire Prone Land

If any of the land is bush fire prone land, designated by the commissioner of the NSW Rural Fire Service under the Act, section 10.3, a statement that all or some of the land is bush fire prone land:

Yes - The **land is entirely bushfire prone as identified on Council's adopted bushfire mapping.**

12. Loose- fill asbestos insulation

If the land includes residential premises, within the meaning of the *Home Building Act 1989*, Part 8, Division 1A, that are listed on the Register kept under that Division?

No.

13. Mine Subsidence

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

No.

14. Paper subdivision information

The name of a development plan adopted by a relevant authority that applies to the land or is proposed to be subject to a ballot:

NA.

15. Property Vegetation Plans

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

No.

16. Biodiversity stewardship sites

If the land is a biodiversity stewardship site under a biodiversity stewardship agreement under the *Biodiversity Conservation Act 2016*, Part 5 (but only if the Council has been notified of the existence of the agreement by the Biodiversity Conservation Trust). Note: Biodiversity stewardship agreements include biobanking agreements under Part 7A of the *Threatened Species Conservation Act 1995* that is taken to be biodiversity stewardship agreements under Part 5 of the *Biodiversity Conservation Act 2016*:

No.

17. Biodiversity Certified Land

If the land is biodiversity certified land under *Biodiversity Conservation Act 2016*) Part 8? Note: Biodiversity certified land includes land certified under Part 7AA of the *Threatened Species Conservation Act 1995* that is taken to be certified under Part 8 of the *Biodiversity Conservation Act 2016*:

No.

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

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

No.

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

NA.

20. State Environmental Planning Policy (Precincts-Western Parkland City) 2021 Chapter 4 applies to this land:

NA.

21. Development consent conditions for seniors housing

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

No.

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

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

No.

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

NA.

23. If water or sewerage services have or are to be provided to the land under the *Water Industry Compensation Act 2006*:

Nil.

The following matters are prescribed under Section 290 of the *Environmental Planning & Assessment Regulation 2021* by section 59(2) of the *Contaminated Land Management Act 1997* as additional matters to be specified in a planning certificate:

(a) That the land to which the certificate relates is significantly contaminated land—if the land (or part of the land) is significantly contaminated land at the date when the certificate is issued:

No.

(b) That the land to which the certificate relates is subject to a management order—if it is subject to such an order at the date when the certificate is issued:

No.

(c) That the land to which the certificate relates is the subject of an approved voluntary management proposal—if it is the subject of such an approved proposal at the date when the certificate is issued:

No.

(d) That the land to which the certificate relates is subject to an ongoing maintenance order—if it is subject to such an order at the date when the certificate is issued:

No.

(e) That the land to which the certificate relates is the subject of a site audit statement—if a copy of such a statement has been provided at any time to the local authority issuing the certificate:

No.

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for the GENERAL MANAGER  
LITHGOW CITY COUNCIL

For any further information, please contact the Development Department on (02) 6354 9999.

DISCLAIMER

THIS SECTION 10.7 CERTIFICATE CONTAINS INFORMATION PROVIDED TO LITHGOW CITY COUNCIL BY OTHER AUTHORITIES AND IS AS CURRENT AS THE LATEST INFORMATION AVAILABLE TO COUNCIL AT THE TIME OF PRODUCTION OF THIS DOCUMENT. IT IS STRONGLY RECOMMENDED THAT YOU CONTACT THE RELEVANT AUTHORITIES TO CONFIRM THE ACCURACY OF THE INFORMATION.

SECTION 10.7(5) ADVICE

<p>(a) Has any development consent with respect to the land been granted within the previous five years?</p>	<p style="text-align: center;">NO</p>
<p>(b) Additional information</p>	<p>Threatened species and Endangered Ecological Communities currently exist within the Lithgow Local Government Area. Information on species reported and their localities can be found on the NSW Office of Environment and Heritage website below: <a href="http://www.environment.nsw.gov.au/wildlfeatlas/about.htm">http://www.environment.nsw.gov.au/wildlfeatlas/about.htm</a></p>



Barry Houston  
Level 15, 133 Castlereagh Street  
SYDNEY NSW 2000

## PLANNING CERTIFICATE UNDER SECTION 10.7, ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979

CERTIFICATE NO: PLANC5-24-0075

YOUR REF: 12612502  
RECEIPT NO: 371941

ISSUE DATE: 26/11/2024

PROPERTY ADDRESS: 2 Ian Holt Drive LIDSDALE NSW 2790  
OWNER: Ivanhoe Coal Pty Ltd

LAND PARCEL DESCRIPTIONS: Lot 2 DP 596248,  
Part Lot 16 DP 751651,  
Part Lot 164 DP 751651,  
Part Lot 174 DP 751651,  
Lot 232 DP 751651,  
Lot 351 DP 751651,  
Part Lot 375 DP 751651,  
Part Lot 385 DP 751651,  
Lot 400 DP 751651,  
Lot 1 DP 406694,  
Lot 2 DP 567915,  
Part Lot 1 DP 120399,  
Lot 37 DP 658181,  
Lot 4 DP 1088207,  
Part Lot 101 DP 1137972,  
Lot 1 DP 1244030,  
Lot 2 DP 1244030,  
Lot 3 DP 1244030,  
Lot 4 DP 1244030,  
Lot 5 DP 1244030,  
Lot 6 DP 1244030,  
Lot 7 DP 1244030,  
Lot 8 DP 1244030,  
Lot 9 DP 1244030 and  
Lot 10 DP 1244030

IN ACCORDANCE WITH SECTION 10.7(2) OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979, IT IS CERTIFIED THAT AT THE DATE OF THIS CERTIFICATE THE FOLLOWING PRESCRIBED MATTERS RELATE TO THE LAND:

1. Names of relevant planning instruments and DCPs

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

Lithgow Local Environment Plan 2014

Lithgow Development Control Plan 2021

Further, the following State Environmental Planning Policies apply to the land:

State Environmental Planning Policy (Housing) 2021

State Environmental Planning Policy (Planning Systems) 2021

State Environmental Planning Policy (Biodiversity and Conservation) 2021

State Environment Planning Policy (Resilience and Hazards) 2021

State Environmental Planning Policy (Transport and Infrastructure) 2021

State Environmental Planning Policy (Industry and Employment) 2021

State Environmental Planning Policy (Resource and Energy) 2021

State Environmental Planning Policy (Primary Production) 2021

State Environmental Planning Policy (Sustainable Building: BASIX) 2022

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

A copy of the SEPPs are available on the NSW Legislation website- [www.legislation.nsw.gov.au](http://www.legislation.nsw.gov.au)

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

Nil.

2. Zoning and land use under relevant LEPs

(a) Identify the zone:

RU1 PRIMARY PRODUCTION

(b) The purposes for which development in the zone:

(i) May be carried out without development consent

Extensive agriculture; Home occupations; Roads;

(ii) May not be carried out except with development consent:

Air transport facilities; Airstrips; Animal boarding or training establishments; Aquaculture; Bed and breakfast accommodation; Boat building and repair facilities; Boat launching ramps; Boat sheds; Building identification signs; Business identification signs; Camping grounds; Cellar door premises; Cemeteries; Charter and tourism boating facilities; Community facilities; Crematoria; Dual occupancies; Dwelling houses; Eco-tourist facilities; Educational establishments; Environmental facilities; Environmental protection works; Extractive industries; Farm buildings; Farm stay accommodation; Flood mitigation works; Forestry; Freight transport facilities; Heavy industrial storage establishments; Helipads; Highway service centres; Home-based child care; Home businesses; Home industries; Industrial training facilities; Information and education facilities; Intensive livestock agriculture; Intensive plant agriculture; Jetties; Landscaping material supplies; Markets; Open cut mining; Plant nurseries; Recreation areas; Recreation facilities (major); Recreation facilities (outdoor); Roadside stalls; Rural industries; Rural supplies; Secondary dwellings; Service stations; Transport depots; Truck depots; Veterinary hospitals; Water recreation structures; Water supply systems.

(iii) Is prohibited:

Any development not specified in item (i) or (ii).

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

Nil.

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

40ha as per the Lot Size Map for Lithgow Local Environmental Plan 2014.

- Note:
1. For zones R1 General Residential and R2 Low Density Residential, no minimum land size **applies for a 'dwelling-house' and the above land** size applies to the minimum lot size for the purpose of a Torrens Title subdivision or additional dwellings in relation to Clause 4.1A of LEP2014.
  2. **A 'dwelling-house' may be permissible if it does not meet the minimum lot size for zones** RU1, RU2, E3, E4, RU5 and R5 if it can comply with Clause 4.2A or 4.2B of LEP2014. A search in this regard may be sought separately from Council.
  3. **The above minimum land size is as per the 'Lot Size Map' for the purpose of a subdivision (Clause 4.1 of LEP2014) and does not necessarily state that a 'dwelling-house' is** permissible in that particular zoning.

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

No.

(f) Whether the land is in a conservation area (however described):

No.

(g) Whether an item of environmental heritage (however described) is situated on the land:

No.

### 3. Contributions Plans

The name of each contributions plan under the Act, Division 7.1 applying to the land, including draft contribution plans applying to the land:

Lithgow Local Infrastructure Contributions Plan (Section 7.12) 2024 applies to this land.

### 4. Complying Development

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

No.

(2) If complying development may not be carried out on that land because of one of the clause 1.17A (1) (c) to (e), (2), (3) and (4), 1.18 (1) (c3) and 1.19 of that Policy, the reasons why it may not be carried out under the clause:

A) Complying Development may not be carried out on the land under Clause 1.17A(1)(e) of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* because the land or part thereof is within an environmentally sensitive area as identified in Lithgow Local Environmental Plan 2014.

B) Complying Development under the Inland Code or the Low Rise Housing Diversity Code may not be carried out on the land if that development will result in an increase to the number of bedrooms on the site or in a site disturbance area of more than 250m<sup>2</sup>, under Clause 1.19(1)(j)(i) of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* because the land or part thereof is known to be unsewered land to which the Clause 6.5 of *State Environmental Planning Policy (Biodiversity & Conservation) 2021* applies.

Complying Development under the Housing Alterations Code and General Development Code may not be carried out on the land if that development will result in an increase to the number of bedrooms on the site or in a site disturbance area of more than 250m<sup>2</sup>, under Clause 1.19(4)(a) of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* because the land or part thereof is known to be unsewered land to which the Clause 6.5 of *State Environmental Planning Policy (Biodiversity & Conservation) 2021* applies.

Complying Development under the Commercial and Industrial (New Buildings and Additions) Code may not be carried out on the land under Clause 1.19(5)(i)(i) of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* because the land or part thereof is known to be unsewered land to which the Clause 6.5 of *State Environmental Planning Policy (Biodiversity & Conservation) 2021* applies.

Note: The above responses apply only to the land exemptions for Exempt and Complying Development set out in clauses 1.17A (1) (c) to (e), (2), (3) and (4), 1.18 (1) (c3) and 1.19 of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* for the Housing Code, Rural Housing Code, Housing Alterations Code, General Development Code and the Commercial and Industrial (New Buildings and Additions) Code. Other clauses within the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* may permit some development occurring on the subject land.

Note: clause 1.19 (6) states that specific land exemptions may apply only to part of a lot Nothing in this clause prevents complying development being carried out on part of a lot that is not land referred to in this clause even if other parts of the lot are such land.

***Some lots maybe able to be connected to sewer. Please contact Council's Water & Wastewater Department for any further clarification.***

5. Exempt development

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

Yes. Some developments on this land may constitute Exempt Development provided it comply with the provisions of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.

(2) If exempt development may not be carried out on the land because of clause 1.16(1)(b1) to (d) or 1.16A, the reasons why it may not be carried out under the clause:

N/A.

6. Affected Building notices and building product rectification orders

If Council is aware of any affected building notice, building product rectification order or notice of intention to make a building product rectification order that is in force in relations to the land is outstanding, as per the *Building Products (Safety) Act 2017*?

No.

7. Land reserved for acquisition

Whether or not any environmental planning instrument or proposed environmental planning instrument referred to in Section 1 makes provisions in relation to the acquisition of the land by a public authority of the State, as referred to in the Act Section 3.15:

No.

8. Road widening and road realignment

Whether or not the land affected by any road widening or road realignment under:

- a) Division 2 of Part 3 of the *Roads Act 1993*, or
- b) any environmental planning instrument, or
- c) any resolution of council:

The property fronts a road managed by both Council and Transport for New South Wales (Roads and Maritime). There are no widening or realignment works proposed on this road by Council as at the date of this certificate. Please contact Transport for New South Wales (Roads and Maritime) for further information.

9. Flood related development controls information

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

No - The land or part of the land is not within the Interim Flood Planning Area (IFPA) identified in the Lithgow Flood Study 2017 or the land is outside the Lithgow Flood Study area. If the land is outside the Lithgow Flood Study area, flood related assessment requirements may still apply to the land.

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

No.

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

Whether land is affected by an adopted policy that restricts the development of the land because of the likelihood of land slip, bushfire, tidal inundation, subsidence, acid sulphate soils, contamination, aircraft noise, salinity, coastal hazards, sea level rise or another risk, other than flooding:

No.

11. Bush Fire Prone Land

If any of the land is bush fire prone land, designated by the commissioner of the NSW Rural Fire Service under the Act, section 10.3, a statement that all or some of the land is bush fire prone land:

Yes - The **land is entirely bushfire prone as identified on Council's adopted bushfire mapping.**

12. Loose- fill asbestos insulation

If the land includes residential premises, within the meaning of the *Home Building Act 1989*, Part 8, Division 1A, that are listed on the Register kept under that Division?

No.

13. Mine Subsidence

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

No.

14. Paper subdivision information

The name of a development plan adopted by a relevant authority that applies to the land or is proposed to be subject to a ballot:

NA.

15. Property Vegetation Plans

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

No.

16. Biodiversity stewardship sites

If the land is a biodiversity stewardship site under a biodiversity stewardship agreement under the *Biodiversity Conservation Act 2016*, Part 5 (but only if the Council has been notified of the existence of the agreement by the Biodiversity Conservation Trust). Note: Biodiversity stewardship agreements include biobanking agreements under Part 7A of the *Threatened Species Conservation Act 1995* that is taken to be biodiversity stewardship agreements under Part 5 of the *Biodiversity Conservation Act 2016*:

No.

17. Biodiversity Certified Land

If the land is biodiversity certified land under *Biodiversity Conservation Act 2016*) Part 8? Note: Biodiversity certified land includes land certified under Part 7AA of the *Threatened Species Conservation Act 1995* that is taken to be certified under Part 8 of the *Biodiversity Conservation Act 2016*:

No.

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

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

No.

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

NA.

20. State Environmental Planning Policy (Precincts-Western Parkland City) 2021 Chapter 4 applies to this land:

NA.

21. Development consent conditions for seniors housing

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

No.

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

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

No.

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

NA.

23. If water or sewerage services have or are to be provided to the land under the Water Industry Compensation Act 2006:

Nil.

The following matters are prescribed under Section 290 of the *Environmental Planning & Assessment Regulation 2021* by section 59(2) of the *Contaminated Land Management Act 1997* as additional matters to be specified in a planning certificate:

(a) That the land to which the certificate relates is significantly contaminated land—if the land (or part of the land) is significantly contaminated land at the date when the certificate is issued:

No.

(b) That the land to which the certificate relates is subject to a management order—if it is subject to such an order at the date when the certificate is issued:

No.

(c) That the land to which the certificate relates is the subject of an approved voluntary management proposal—if it is the subject of such an approved proposal at the date when the certificate is issued:

No.

(d) That the land to which the certificate relates is subject to an ongoing maintenance order—if it is subject to such an order at the date when the certificate is issued:

No.

(e) That the land to which the certificate relates is the subject of a site audit statement—if a copy of such a statement has been provided at any time to the local authority issuing the certificate:

No.

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for the GENERAL MANAGER  
LITHGOW CITY COUNCIL

For any further information, please contact the Development Department on (02) 6354 9999.

DISCLAIMER

THIS SECTION 10.7 CERTIFICATE CONTAINS INFORMATION PROVIDED TO LITHGOW CITY COUNCIL BY OTHER AUTHORITIES AND IS AS CURRENT AS THE LATEST INFORMATION AVAILABLE TO COUNCIL AT THE TIME OF PRODUCTION OF THIS DOCUMENT. IT IS STRONGLY RECOMMENDED THAT YOU CONTACT THE RELEVANT AUTHORITIES TO CONFIRM THE ACCURACY OF THE INFORMATION.

SECTION 10.7(5) ADVICE

<p>(a) Has any development consent with respect to the land been granted within the previous five years?</p>	<p style="text-align: center;">NO</p>
<p>(b) Additional information</p>	<p>Threatened species and Endangered Ecological Communities currently exist within the Lithgow Local Government Area. Information on species reported and their localities can be found on the NSW Office of Environment and Heritage website below: <a href="http://www.environment.nsw.gov.au/wildlifeatlas/about.htm">http://www.environment.nsw.gov.au/wildlifeatlas/about.htm</a></p>



Barry Houston  
Level 15  
133 Castlereagh Street  
SYDNEY NSW 2000

## PLANNING CERTIFICATE UNDER SECTION 10.7, ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979

CERTIFICATE NO: PLANC5-24-0077

YOUR REF: 12612502

RECEIPT NO: 371941

ISSUE DATE: 27/11/2024

PROPERTY ADDRESS: Wallerawang Power Station Main Street  
WALLERAWANG NSW 2845

OWNER: Greenspot Wallerawang Pty Ltd

LAND PARCEL DESCRIPTIONS: Lot 4 DP 1087684,  
Lot 1 DP 1131955,  
Lot 171 DP 1131952 and  
Lot 100 DP 1043966

IN ACCORDANCE WITH SECTION 10.7(2) OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979, IT IS CERTIFIED THAT AT THE DATE OF THIS CERTIFICATE THE FOLLOWING PRESCRIBED MATTERS RELATE TO THE LAND:

1. Names of relevant planning instruments and DCPs

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

Lithgow Local Environment Plan 2014

Further, the following State Environmental Planning Policies apply to the land:

State Environmental Planning Policy (Housing) 2021

State Environmental Planning Policy (Planning Systems) 2021

State Environmental Planning Policy (Biodiversity and Conservation) 2021

State Environment Planning Policy (Resilience and Hazards) 2021

State Environmental Planning Policy (Transport and Infrastructure) 2021

State Environmental Planning Policy (Industry and Employment) 2021

State Environmental Planning Policy (Resource and Energy) 2021

State Environmental Planning Policy (Primary Production) 2021

State Environmental Planning Policy (Sustainable Building: BASIX) 2022

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

A copy of the SEPPs are available on the NSW Legislation website- [www.legislation.nsw.gov.au](http://www.legislation.nsw.gov.au)

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

Nil.

2. Zoning and land use under relevant LEPs

- (a) Identify the zone:

E4 GENERAL INDUSTRIAL

SP2 INFRASTRUCTURE (Purpose: Electricity Generating Works)

- (b) The purposes for which development in the zone:

- (i) May be carried out without development consent

E4 GENERAL INDUSTRIAL

Roads

SP2 INFRASTRUCTURE

Nil

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

E4 GENERAL INDUSTRIAL

Boat building and repair facilities; Car parks; Community facilities; Crematoria; Depots; Environmental protection works; Flood mitigation works; Freight transport facilities; Funeral homes; Garden centres; General industries; Goods repair and reuse premises; Hardware and building supplies; Helipads; Highway service centres; Industrial retail outlets; Industrial training facilities; Landscaping material supplies; Light industries; Local distribution premises; Mortuaries; Neighbourhood shops; Oyster aquaculture; Passenger transport facilities; Places of public worship; Plant nurseries; Recreation areas; Recreation facilities (indoor); Research stations; Rural industries; Rural supplies; Service stations; Sex services premises; Signage; Storage premises; Take away food and drink premises; Tank-based aquaculture; Timber yards; Transport depots; Truck depots; Vehicle body repair workshops; Vehicle repair stations; Vehicle sales or hire premises; Veterinary hospitals; Warehouse or distribution centres; Water recycling facilities; Water supply systems; Wholesale supplies.

SP2 INFRASTRUCTURE

Agriculture; Recreation areas; Roads; The purpose shown on the Land Zoning Map,

including any development that is ordinarily incidental or ancillary to development for that purpose.

(iii) Is prohibited:

E4 GENERAL INDUSTRIAL

Any other development not specified in item (i) or (ii).

SP2 INFRASTRUCTURE

Any other development not specified in item (i) or (ii).

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

E4 GENERAL INDUSTRIAL

Nil.

SP2 INFRASTRUCTURE

Nil.

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

E4 GENERAL INDUSTRIAL

There is no minimum lot size as per Lot Size Map of Lithgow Local Environmental Plan 2014.

SP2 INFRASTRUCTURE

There is no minimum lot size as per Lot Size Map of Lithgow Local Environmental Plan 2014

- Note:
1. For zones R1 General Residential and R2 Low Density Residential, no minimum land size **applies for a 'dwelling-house' and the above land size applies to the minimum lot size for** the purpose of a Torrens Title subdivision or additional dwellings in relation to Clause 4.1A of LEP2014.
  2. **A 'dwelling-house' may be permissible if it does not meet the minimum lot size for zones** RU1, RU2, E3, E4, RU5 and R5 if it can comply with Clause 4.2A or 4.2B of LEP2014. A search in this regard may be sought separately from Council.
  3. **The above minimum land size is as per the 'Lot Size Map' for the purpose of a subdivision (Clause 4.1 of LEP2014) and does not necessarily state that a 'dwelling-house' is** permissible in that particular zoning.

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

No.

(f) Whether the land is in a conservation area (however described):

No.

(g) Whether an item of environmental heritage (however described) is situated on the land:

Yes - The property retains a heritage item as listed under Lithgow Local Environmental Plan 2014.

### 3. Contributions Plans

The name of each contributions plan under the Act, Division 7.1 applying to the land, including draft contribution plans applying to the land:

Lithgow Local Infrastructure Contributions Plan (Section 7.12) 2024 applies to this land.

### 4. Complying Development

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

No.

(2) If complying development may not be carried out on that land because of one of the clause 1.17A (1) (c) to (e), (2), (3) and (4), 1.18 (1) (c3) and 1.19 of that Policy, the reasons why it may not be carried out under the clause:

- a) Complying Development may not be carried out on the land under Clause 1.17A(1)(e) of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* because the land or part thereof is within an environmentally sensitive area as identified in Lithgow Local Environmental Plan 2014.
- b) Complying Development under the Commercial and Industrial (New Buildings and Additions) Code may not be carried out on the land under Clause 1.19(5)(d) of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 because the land or part thereof is known to be significantly contaminated land within the meaning of the Contaminated Land Management Act 1997.
- c) Complying Development under the Inland Code or the Low Rise Housing Diversity Code may not be carried out on the land if that development will result in an increase to the number of bedrooms on the site or in a site disturbance area of more than 250m<sup>2</sup>, under Clause 1.19(1)(j)(i) of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* because the land or part thereof is known to be unsewered land to which the Clause 6.5 of *State Environmental Planning Policy (Biodiversity & Conservation) 2021* applies.

Complying Development under the Housing Alterations Code and General Development Code may not be carried out on the land if that development will result in an increase to the number of bedrooms on the site or in a site disturbance area of more than 250m<sup>2</sup>, under Clause 1.19(4)(a) of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 because the land or part thereof is known to be unsewered land to which the Clause 6.5 of State Environmental Planning Policy (Biodiversity & Conservation) 2021 applies.

Complying Development under the Commercial and Industrial (New Buildings and Additions) Code may not be carried out on the land under Clause 1.19(5)(i)(i) of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* because the land or part

thereof is known to be unsewered land to which the Clause 6.5 of *State Environmental Planning Policy (Biodiversity & Conservation) 2021* applies

Note: The above responses apply only to the land exemptions for Exempt and Complying Development set out in clauses 1.17A (1) (c) to (e), (2), (3) and (4), 1.18 (1) (c3) and 1.19 of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 for the Housing Code, Rural Housing Code, and the Commercial and Industrial (New Buildings and Additions) Code. Other clauses within the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 may permit some development occurring on the subject land.

Note: clause 1.19 (6) states that specific land exemptions may apply only to part of a lot Nothing in this clause prevents complying development being carried out on part of a lot that is not land referred to in this clause even if other parts of the lot are such land.

- d) Complying Development may not be carried out on the land under Clause 1.17A (1) (d) of the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* because the property is listed as a heritage item under the Lithgow Local Environmental Plan 2014 or is listed as a State Heritage Item.

(Please refer to the State Heritage Register for further information at:  
<http://www.environment.nsw.gov.au/heritage/index.htm>.)

Clause 1.17A (3) & (4) does not apply to the property if the heritage item is locally listed only, as Lithgow City Council does not have part of the land specifically identified for this particular heritage item. Therefore Clause 1.17A (1)(d) applies to the entirety of the property.

Note: Despite subclause (1) (d), if development meets the requirements and standards specified by the *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* and that development:

- a) Has been granted an exemption under section 57(2) of the Heritage Act 1977, or
- b) Is subject to an exemption under section 57 (1A) or (3) of the Act, the development is complying development under *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*.

## 5. Exempt development

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

Yes. Some developments on this land may constitute Exempt Development provided it comply with the provisions of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.

- (2) If exempt development may not be carried out on the land because of clause 1.16(1)(b1) to (d) or 1.16A, the reasons why it may not be carried out under the clause:

N/A.

## 6. Affected Building notices and building product rectification orders

If Council is aware of any affected building notice, building product rectification order or notice of intention to make a building product rectification order that is in force in relations to the land is outstanding, as per the *Building Products (Safety) Act 2017*?

No.

7. Land reserved for acquisition

Whether or not any environmental planning instrument or proposed environmental planning instrument referred to in Section 1 makes provisions in relation to the acquisition of the land by a public authority of the State, as referred to in the Act Section 3.15:

No.

8. Road widening and road realignment

Whether or not the land affected by any road widening or road realignment under:

- a) Division 2 of Part 3 of the *Roads Act 1993*, or
- b) any environmental planning instrument, or
- c) any resolution of council:

Not known. The property fronts a classified road managed by Transport for New South Wales (Roads & Maritime). Please contact Transport for New South Wales (Roads & Maritime) for further information.

9. Flood related development controls information

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

No - The land or part of the land is not within the Interim Flood Planning Area (IFPA) identified in the Lithgow Flood Study 2017 or the land is outside the Lithgow Flood Study area. If the land is outside the Lithgow Flood Study area, flood related assessment requirements may still apply to the land.

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

No.

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

Whether land is affected by an adopted policy that restricts the development of the land because of the likelihood of land slip, bushfire, tidal inundation, subsidence, acid sulphate soils, contamination, aircraft noise, salinity, coastal hazards, sea level rise or another risk, other than flooding:

No.

11. Bush Fire Prone Land

If any of the land is bush fire prone land, designated by the commissioner of the NSW Rural Fire Service under the Act, section 10.3, a statement that all or some of the land is bush fire prone land:

Yes - The land is partially **bushfire prone as identified on Council's adopted bushfire mapping.**

12. Loose- fill asbestos insulation

If the land includes residential premises, within the meaning of the *Home Building Act 1989*, Part 8, Division 1A, that are listed on the Register kept under that Division?

No.

13. Mine Subsidence

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

No.

14. Paper subdivision information

The name of a development plan adopted by a relevant authority that applies to the land or is proposed to be subject to a ballot:

NA.

15. Property Vegetation Plans

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

No.

16. Biodiversity stewardship sites

If the land is a biodiversity stewardship site under a biodiversity stewardship agreement under the *Biodiversity Conservation Act 2016*, Part 5 (but only if the Council has been notified of the existence of the agreement by the Biodiversity Conservation Trust).

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

No.

17. Biodiversity Certified Land

If the land is biodiversity certified land under *Biodiversity Conservation Act 2016*) Part 8? Note: Biodiversity certified land includes land certified under Part 7AA of the *Threatened Species Conservation Act 1995* that is taken to be certified under Part 8 of the *Biodiversity Conservation Act 2016*:

No.

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

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

No.

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

NA.

20. State Environmental Planning Policy (Precincts-Western Parkland City) 2021 Chapter 4 applies to this land:

NA.

21. Development consent conditions for seniors housing

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

No.

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

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

No.

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

NA.

23. If water or sewerage services have or are to be provided to the land under the *Water Industry Compensation Act 2006*:

Nil.

The following matters are prescribed under Section 290 of the *Environmental Planning & Assessment Regulation 2021* by section 59(2) of the *Contaminated Land Management Act 1997* as additional matters to be specified in a planning certificate:

(a) That the land to which the certificate relates is significantly contaminated land—if the land (or part of the land) is significantly contaminated land at the date when the certificate is issued:

No.

It is to be noted that portions of the former Wallerawang Power Station contains a license agreement for contaminated land with the NSW Environmental Protection Authority. Please contact the NSW Environmental Protection Authority for additional information.

(b) That the land to which the certificate relates is subject to a management order—if it is subject to such an order at the date when the certificate is issued:

No.

(c) That the land to which the certificate relates is the subject of an approved voluntary management proposal—if it is the subject of such an approved proposal at the date when the certificate is issued:

No.

(d) That the land to which the certificate relates is subject to an ongoing maintenance order—if it is subject to such an order at the date when the certificate is issued:

No.

(e) That the land to which the certificate relates is the subject of a site audit statement—if a copy of such a statement has been provided at any time to the local authority issuing the certificate:

No.

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for the GENERAL MANAGER  
LITHGOW CITY COUNCIL

For any further information, please contact the Development Department on (02) 6354 9999.

DISCLAIMER

THIS SECTION 10.7 CERTIFICATE CONTAINS INFORMATION PROVIDED TO LITHGOW CITY COUNCIL BY OTHER AUTHORITIES AND IS AS CURRENT AS THE LATEST INFORMATION AVAILABLE TO COUNCIL AT THE TIME OF PRODUCTION OF THIS DOCUMENT. IT IS STRONGLY RECOMMENDED THAT YOU CONTACT THE RELEVANT AUTHORITIES TO CONFIRM THE ACCURACY OF THE INFORMATION.

SECTION 10.7(5) ADVICE

<p>(a) Has any development consent with respect to the land been granted within the previous five years?</p>	<p style="text-align: center;">NO</p>
<p>(b) Additional information</p>	<p>Threatened species and Endangered Ecological Communities currently exist within the Lithgow Local Government Area. Information on species reported and their localities can be found on the NSW Office of Environment and Heritage website below: <a href="http://www.environment.nsw.gov.au/wildlifeatlas/about.htm">http://www.environment.nsw.gov.au/wildlifeatlas/about.htm</a></p>

# Appendix F

Historical titles

# ADVANCE LEGAL SEARCHERS PTY LTD

(ACN 147 943 842)  
ABN 82 147 943 842

18/36 Osborne Road,  
Manly NSW 2095

Mobile: +614 412 169 809  
Email: [search@alsearchers.com.au](mailto:search@alsearchers.com.au)

24<sup>th</sup> January, 2025

## GHD PTY LTD

Level 15, 133 Castlereagh Street,  
SYDNEY, NSW 2000

Attention: Barry Houston,

RE:

Wallerawang to Mt Piper  
Project Number

Note 1:	Lot 100	DP 1043966	(page 1)
Note 2:	Lot 171	DP 1131952	(page 4)
Note 3:	Lot 4	DP 1087684	(page 6)
Note 4:	Lot 2	DP 1131955	(page 8)
Note 5:	Lot 16	DP 751651	(page 10)
Note 6:	Lot 2	DP 567915	(page 12)
Note 7:	Lot 375	DP 751651	(page 14)
Note 8:	Lot 162	DP 751651	(page 16)
Note 9:	Lot 166	DP 751638	(page 18)

Note 1:

## Current Search

Folio Identifier 100/1043966 (title attached)

DP 1043966 (plan attached)

Dated 21<sup>st</sup> January, 2025

Registered Proprietor:

**GREENSPOT WALLERAWANG PTY LTD** (ACN 638 661 480)

**Title Tree**  
**Lot 100 DP 1043966**

Folio Identifier 100/1043966

Folio Identifier A/394440

Certificate of Title Volume 7228 Folio 46

Certificate of Title Volume 6907 Folio 155

Certificate of Title Volume 4735 Folio 113

PA 31161

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## Summary of Proprietor(s) Lot 100 DP 1043966

**Year                      Proprietor (s)**

	<b>(Lot 100 DP 11043966)</b>	
16 Nov 2020 todate	Greenspot Wallerawang Pty Ltd (ACN 638 661 480)	T
18 Dec 2013	EnergyAustralia NSW Pty Limited (ACN 163 935 635)	R
24 Jun 2003	Delta Electricity	
	<b>(Lot A DP 394440)</b>	
30 May 2003	Delta Electricity	R
09 Apr 1988	The Electricity Commission of New South Wales	
	<b>(Lot A DP 394440 – Area 125 Acres 2 Roods 22 ¼ Perches – CTVol 7228 Fol 46)</b>	
04 Jan 1957	The Electricity Commission of New South Wales	T
	<b>(Part Portion 92 Parish Lidsdale and other lands – Area 2051 Acres 0 Roods 26 Perches – CTVol 6907 Fol 155)</b>	
05 Jan 1955	The Joint Coal Board	T
	<b>(Part Portion 92 Parish Lidsdale – Area 1944 Acres 3 Roods 13 ½ Perches – CTVol 4735 Fol 113)</b>	
06 Oct 1950	Perpetual Trustee Company Limited	TA
03 Jan 1936	James Lyon Walker Barton, grazier	
	<b>(Part Portion 92 Parish Lidsdale – Area 2000 Acres – PA 31161)</b>	
25 Sep 1914	James Lyon Walker Barton, grazier	

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**Note 2:**

**Current Search**

Folio Identifier 171/1131952 (title attached)

DP 1131952 (plan attached)

Dated 21<sup>st</sup> January, 2025

Registered Proprietor:

**GREENSPOT WALLERAWANG PTY LTD** (ACN 638 661 480)

**Title Tree**

**Lot 171 DP 1131952**

Folio Identifier 171/1131952

CA 135268

Conveyance Book 4169 No 195

Conveyance Book 3337 No 25

Conveyance Book 2401 No 642

Conveyance Book 2193 No 964

Conveyance Book 2135 No 874

Conveyance Book 781 No 845

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## Summary of Proprietor(s) Lot 171 DP 1131952

**Year                      Proprietor (s)**

	<b>(Lot 171 DP 1131952)</b>	
16 Nov 2020 todate	Greenspot Wallerawang Pty Ltd (ACN 638 661 480)	T
18 Dec 2013	EnergyAustralia NSW Pty Limited (ACN 163 935 635)	R
09 Oct 2008	Delta Electricity	
	<b>(Part Portion 171 Parish Lidsdale and other lands – Conv Bk 4169 No 195)</b>	
11 Jun 1997	Delta Electricity	C
	<b>(Part Portion 171 Parish Lidsdale – Conv Bk 3337 No 25)</b>	
23 Aug 1978	The Electricity Commission of New South Wales	C
18 Oct 1976	Nada Annie Murray, spinster / executrix Ruby Ada Mary Murray, estate	
	<b>(Part Portion 171 Parish Lidsdale – Conv Bk 2612 No 501)</b>	
21 May 1962	Ruby Ada Mary Murray, widow	C
	<b>(Part Portion 171 Parish Lidsdale and other lands – Conv Bk 2401 No 642)</b>	
19 Dec 1956	The Electricity Commission of New South Wales	C
	<b>(Part Portion 171 Parish Lidsdale and other lands – Conv Bk 2193 No 964)</b>	
03 Oct 1950	The Joint Coal Board	C
	<b>(Part Portion 171 Parish Lidsdale and other lands – Conv Bk 2135 No 874)</b>	
02 Aug 1950	Perpetual Trustee Company Limited	C
02 Aug 1950	John Malborn Maughan, solicitor / executor James Lyon Walker Barton, estate	
	<b>(Part Portion 171 Parish Lidsdale and other lands – Conv Bk 781 No 845)</b>	
27 May 1905	James Lyon Walker Barton, grazier	C

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**Note 3:**

**Current Search**

Folio Identifier 4/1087684 (title attached)

DP 1087684 (plan attached)

Dated 21<sup>st</sup> January, 2025

Registered Proprietor:

**GREENSPOT WALLERAWANG PTY LTD** (ACN 638 661 480)

**Title Tree**

**Lot 4 DP 1087684**

Folio Identifier 4/1087684

Folio Identifier 33/827807

CA 58073

Conveyance Book 3315 No 40

Conveyance Book 3086 No 675

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## Summary of Proprietor(s) Lot 4 DP 1087684

**Year                      Proprietor (s)**

	<b>(Lot 4 DP 1087684)</b>	
16 Nov 2020 todate	Greenspot Wallerawang Pty Ltd (ACN 638 661 480)	T
18 Dec 2013	EnergyAustralia NSW Pty Limited (ACN 163 935 635)	R
15 Mar 2007	Delta Electricity	
	<b>(Lot 33 DP 827807)</b>	
12 Jun 1997	Delta Electricity	R
02 Feb 1993	The Electricity Commission of New South Wales	
	<b>(Part Portion 169 Parish Lidsdale – Area 15 Acres 2 Roods 11 ½ Perches – Conv Bk 3315 No 40)</b>	
12 Apr 1978	The Electricity Commission of New South Wales	C
	<b>(Part Portion 169 Parish Lidsdale and other lands – Area 15 Acres 2 Roods 11 ½ Perches – Conv Bk 3086 No 675)</b>	
19 Feb 1973	Arnold C Whalan Pty Limited	C
	<b>(Part Portion 169 Parish Lidsdale and other lands – Area 15 Acres 2 Roods 11 ½ Perches)</b>	
Prior to 29 Jul 1947	Arnold Clement Whalan, produce merchant	C

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**Note 4:**

**Current Search**

Folio Identifier 2/1131955 (title attached)

DP 1131955 (plan attached)

Dated 21<sup>st</sup> January, 2025

Registered Proprietor:

**GREENSPOT WALLERAWANG PTY LTD** (ACN 638 661 480)

**Title Tree**

**Lot 2 DP 1131955**

Folio Identifier 2/1131955

CA 135268

Conveyance Book 4169 No 195

Conveyance Book 2401 No 642

Conveyance Book 2193 No 964

Conveyance Book 2135 No 874

Conveyance Book 781 No 845

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## Summary of Proprietor(s) Lot 2 DP 1131955

**Year                      Proprietor (s)**

	<b>(Lot 2 DP 1131955)</b>	
16 Nov 2020 todate	Greenspot Wallerawang Pty Ltd (ACN 638 661 480)	T
18 Dec 2013	EnergyAustralia NSW Pty Limited (ACN 163 935 635)	R
09 Oct 2008	Delta Electricity	
	<b>(Part Portion 171 Parish Lidsdale and other lands – Conv Bk 4169 No 195)</b>	
11 Jun 1997	Delta Electricity	C
	<b>(Part Portion 171 Parish Lidsdale and other lands – Conv Bk 2401 No 642)</b>	
19 Dec 1956	The Electricity Commission of New South Wales	C
	<b>(Part Portion 171 Parish Lidsdale and other lands – Conv Bk 2193 No 964)</b>	
03 Oct 1950	The Joint Coal Board	C
	<b>(Part Portion 171 Parish Lidsdale and other lands – Conv Bk 2135 No 874)</b>	
02 Aug 1950	Perpetual Trustee Company Limited	C
02 Aug 1950	John Malborn Maughan, solicitor / executor James Lyon Walker Barton, estate	
	<b>(Part Portion 171 Parish Lidsdale and other lands – Conv Bk 781 No 845)</b>	
27 May 1905	James Lyon Walker Barton, grazier	C

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**Note 5:**

**Current Search**

Folio Identifier 16/751651 (title attached)

Crown Plan 185 – 1507 (plan attached)

Dated 22<sup>nd</sup> January, 2025

Registered Proprietor:

**IVANHOE COAL PTY LIMITED** (ACN 064 237 154)

**Title Tree**  
**Lot 16 DP 751651**

Folio Identifier 16/751651

Certificate of Title Volume 277 Folio 44

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**Summary of Proprietor(s)  
Lot 16 DP 751651**

**Year                      Proprietor (s)**

	<b>(Lot 16 DP 751651)</b>	
02 Jun 2009 todate	Ivanhoe Coal Pty Limited (ACN 064 237 154)	T
28 Mar 1995	Vallaire Pty Limited (ACN 066 752 387)	T
23 Mar 1988	Arnold C Whalan Pty Limited (ACN 000 983 568)	
	<b>(Portion 16 Parish – Area 50 Acres – CTVol 277 Fol 44)</b>	
19 Jun 1973	Arnold C Whalan Pty Limited	T
15 Dec 1947	Arnold Clement Whalan, produce merchant	T
14 Jan 1947	James Lyon Walker Barton, grazier	TA
22 Aug 1892	James Walker Barton, gentleman	T
04 Oct 1892	Georgina Lyon Wolgan Abbott, widow James Walker Barton, gentleman	TA
13 Feb 1877	Edwin Barton, grantee	G

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**Note 6:**

**Current Search**

Folio Identifier 2/567915 (title attached)

DP 567915 (plan attached)

Dated 22<sup>nd</sup> January, 2025

Registered Proprietor:

**IVANHOE COAL PTY LIMITED** (ACN 064 237 154)

**Title Tree**  
**Lot 2 DP 567915**

Folio Identifier 2/567915

Certificate of Title Volume 1019 Folio 20

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**Summary of Proprietor(s)  
Lot 2 DP 567915**

**Year                      Proprietor (s)**

02 Jun 2009 todate	Ivanhoe Coal Pty Limited (ACN 064 237 154)	T
28 Mar 1995	Vallaire Pty Limited (ACN 066 752 387)	T
23 Mar 1988	Arnold C Whalan Pty Limited (ACN 000 983 568)	
	<b>(Portion 355 Parish Lidsdale – Area 40 Acres – CTVol 1019 Fol 20)</b>	
19 Jun 1973	Arnold C Whalan Pty Limited	T
12 Apr 1965	Arnold Clement Whalan, grazier	T
17 Apr 1929	Francis Joseph Neubeck, coal mine proprietor	T
08 Feb 1929	Elizabeth Bolton, wife of Lawrence John Bolton, clerk	T
08 Feb 1929	James Holt, freeholder George Nathaniel Holt, tramway official	TA
07 Jul 1891	Joseph Holt, grantee	G

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**Note 7:**

**Current Search**

Folio Identifier 375/751651 (title attached)

Crown Plan 1005 - 1507 (plan attached)

Dated 22<sup>nd</sup> January, 2025

Registered Proprietor:

**IVANHOE COAL PTY LIMITED** (ACN 064 237 154)

**Title Tree**

**Lot 375 DP 751651**

Folio Identifier 375/751651

Certificate of Title Volume 1061 Folio 142

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**Summary of Proprietor(s)  
Lot 375 DP 751651**

**Year                      Proprietor (s)**

	<b>(Lot 375 DP 751651)</b>	
02 Jun 2009 todate	Ivanhoe Coal Pty Limited (ACN 064 237 154)	T
28 Mar 1995	Vallaire Pty Limited (ACN 066 752 387)	T
23 Mar 1988	Arnold C Whalan Pty Limited (ACN 000 983 568)	
	<b>(Portion 375 Parish Lidsdale – Area 41 Acres 0 Roods 20 Perches – CTVol 1061 Fol 142)</b>	
19 Jun 1973	Arnold C Whalan Pty Limited	T
12 Apr 1965	Arnold Clement Whalan, grazier	T
17 Apr 1929	Francis Joseph Neubeck, coal mine proprietor	T
08 Feb 1929	Elizabeth Bolton, wife of Lawrence John Bolton, clerk	T
08 Feb 1929	James Holt, freeholder George Nathaniel Holt, tramway official	TA
08 Sep 1892	Joseph Holt, grantee	G

\*\*\*\*\*

**Note 8:**

**Current Search**

Folio Identifier 162/751638 (title attached)

Crown Plan 540 – 1507 (plan attached)

Dated 22<sup>nd</sup> January, 2025

Registered Proprietor:

**IVANHOE COAL PTY LIMITED** (ACN 064 237 154)

**Title Tree**  
**Lot 162 DP 751638**

Folio Identifier 162/751638

Certificate of Title Volume 14090 Folio 23

Crown Land

\*\*\*\*

**Index**

T – Transfer

R – Request

G – Grant

\*\*\*\*

**Summary of Proprietor(s)  
Lot 162 DP 751638**

**Year                      Proprietor (s)**

	<b>(Lot 162 DP 751638)</b>	
25 Aug 1994 todate	Ivanhoe Coal Pty Limited (ACN 064 237 154)	T
09 Jun 1993	Blue Circle Southern Cement Pty Limited (ACN 008 421 761)	T
27 Oct 1989	Blue Circle Southern Cement Limited	R
19 Oct 1989	Commonwealth Portland Cement Company Pty Limited	
	<b>(Portion 162 Parish Falnash – CTVol 14090 Fol 23)</b>	
14 April 1980	Commonwealth Portland Cement Company Pty Limited	G
	<b>(Portion 162 Parish Falnash – Area 50 Acres)</b>	
Prior to 14 Apr 1980	Crown Land	
(1880 to 14 Apr 1980)	(various Conditional Purchases)	

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**Note 9:**

**Current Search**

Folio Identifier Auto Consol 14090-49 (title attached)  
Portions 165 & 166 Parish Falnash  
Crown Plan 542 - 1507 (plan attached)  
Dated 22<sup>nd</sup> January, 2025  
Registered Proprietor:  
**IVANHOE COAL PTY LIMITED** (ACN 064 237 154)

**Title Tree**  
**Lots 165 & 166 DP 751638**

Folio Identifier Auto Consol 14090-49

Certificate of Title Volume 14090 Folio 49

Crown Land

\*\*\*\*\*

**Index**

T – Transfer  
R – Request  
G – Grant

\*\*\*\*\*

**Summary of Proprietor(s)  
Lots 165 & 166 DP 751638**

**Year Proprietor (s)**















<b>Year</b>	<b>Proprietor (s)</b>	
	<b>(Lots 165 &amp; 166 DP 751638 – AC 14090-49)</b>	
30 Aug 1995 todate	Ivanhoe Coal Pty Limited (ACN 064 237 154)	
	<b>(Portions 165 &amp; 166 Parish Falnash – CTVol 14090 Fol 23)</b>	
25 Aug 1994	Ivanhoe Coal Pty Limited (ACN 064 237 154)	T
09 Jun 1993	Blue Circle Southern Cement Pty Limited (ACN 008 421 761)	T
27 Oct 1989	Blue Circle Southern Cement Limited	R
15 Apr 1980	Commonwealth Portland Cement Company Pty Limited	G
	<b>(Portion 165 &amp; 166 Parish Falnash – Area 100 Acres)</b>	
Prior to 15 Apr 1980	Crown Land	
(1880 to 15 Apr 1980)	(various Conditional Purchases)	

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	Status	Surv/Comp	Purpose
DP15757 Lot(s): 20, 21, 22  DP1168156	REGISTERED	SURVEY	ROADS ACT, 1993
DP133907 Lot(s): 1, 2  DP1168156	REGISTERED	SURVEY	ROADS ACT, 1993
DP216278 Lot(s): 1  DP1168156	REGISTERED	SURVEY	ROADS ACT, 1993
DP252472 Lot(s): 1, 8, 9  DP1114328	REGISTERED	SURVEY	EASEMENT
DP567915 Lot(s): 1  DP1244030	REGISTERED	COMPILATION	CROWN ROAD ENCLOSURE
 DP1313588	PRE-EXAM	COMPILATION	PROPOSED EASEMENT
Lot(s): 2  DP1137178	REGISTERED	COMPILATION	EASEMENT
DP751651 Lot(s): 16, 174, 385  DP1174922	REGISTERED	SURVEY	EASEMENT
Lot(s): 16, 88  DP1137178	REGISTERED	COMPILATION	EASEMENT
Lot(s): 246  DP1122488	REGISTERED	SURVEY	SUBDIVISION
DP827807 Lot(s): 32  DP1042898	REGISTERED	SURVEY	EASEMENT
 DP1313118	PRE-EXAM	SURVEY	EASEMENT
DP1087684 Lot(s): 5  DP1313123	REGISTERED	COMPILATION	PROPOSED EASEMENT
Lot(s): 4  DP1313118	PRE-EXAM	SURVEY	EASEMENT
Lot(s): 1, 5  DP1211532	REGISTERED	SURVEY	EASEMENT
 DP1267515	REGISTERED	COMPILATION	EASEMENT
Lot(s): 1  DP829410	HISTORICAL	SURVEY	SUBDIVISION
Lot(s): 4, 5, 10  DP827807	HISTORICAL	SURVEY	SUBDIVISION
DP1088207 Lot(s): 10, 11, 12  DP751651	HISTORICAL	COMPILATION	CROWN ADMIN NO.
DP1122488 Lot(s): 2  DP620185	HISTORICAL	COMPILATION	SUBDIVISION
DP1137972 Lot(s): 101  DP1174922	REGISTERED	SURVEY	EASEMENT
Lot(s): 102  DP1168156	REGISTERED	SURVEY	ROADS ACT, 1993
Lot(s): 101, 102  DP751651	HISTORICAL	COMPILATION	CROWN ADMIN NO.
 DP1088207	HISTORICAL	SURVEY	ROADS ACT, 1993
DP1141397 Lot(s): 1, 2, 3  DP216278	HISTORICAL	SURVEY	SUBDIVISION
Lot(s): 2, 3  DP15757	HISTORICAL	SURVEY	UNRESEARCHED

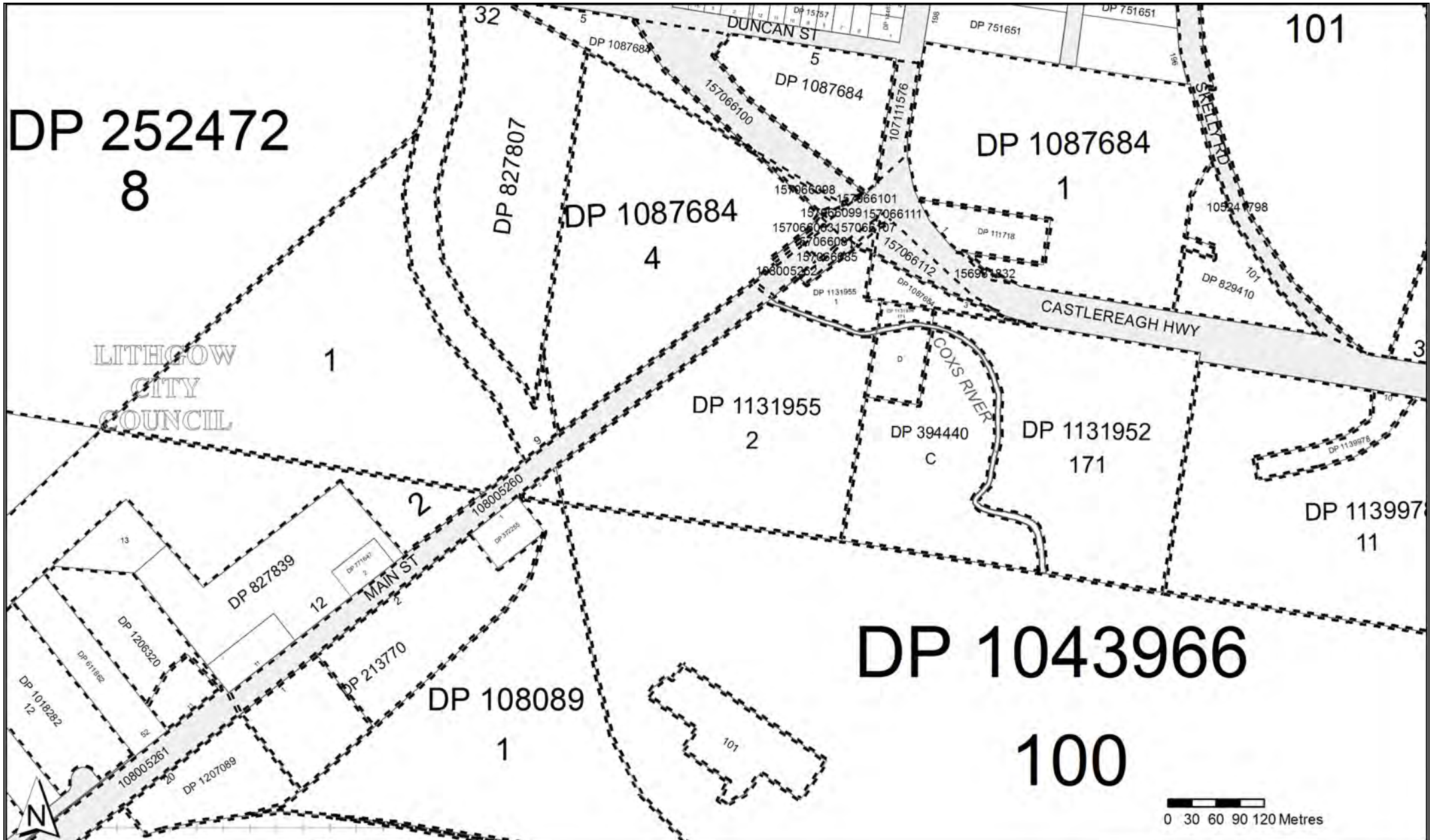
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	Status	Surv/Comp	Purpose
DP1168326			
Lot(s): 53			
 DP861994	HISTORICAL	SURVEY	SUBDIVISION
 DP1130467	HISTORICAL	SURVEY	SUBDIVISION
DP1218864			
Lot(s): 51			
 DP620185	HISTORICAL	COMPILATION	SUBDIVISION
 DP848239	HISTORICAL	SURVEY	ROAD OR MOTORWAY
 DP1122488	HISTORICAL	SURVEY	SUBDIVISION
DP1244030			
Lot(s): 4, 5, 6, 7, 8			
 CLOSED ROAD NOW LOTS 2-10 DP1244030 - SEE AN551813			
Road			
Polygon Id(s): 157066100			
 NSW GAZ. 02-02-2007 Folio : 697			
ACQUIRED AND DEDICATED PUBLIC ROAD LOTS 6-10 DP1087684			
Polygon Id(s): 163016618, 163016636, 163016650			
 NSW GAZ. 17-07-2009 Folio : 4107			
DEDICATED PUBLIC ROAD DECLARED MAIN ROAD AND CONTROLLED ACCESS ROAD LOTS 10-13 DP1088207			
Polygon Id(s): 107111576			
 DP1263799 REGISTERED SURVEY EASEMENT			
 EASEMENT FOR WATER SUPPLY 20 WIDE - DP1263799			
Polygon Id(s): 166895364			
 NSW GAZ. 17-07-2009 Folio : 4107			
DECLARED MAIN ROAD AND CONTROLLED ACCESS ROAD LOT 14 DP1088207			
Polygon Id(s): 166895366			
 DP1168156 REGISTERED SURVEY ROADS ACT, 1993			
 NSW GAZ. 23-12-2011 Folio : 7349			
TRANSFER OF CROWN ROAD TO COUNCIL			
Polygon Id(s): 166895364, 166895367			
 NSW GAZ. 18-11-2011 Folio : 6621			
TRANSFER OF CROWN ROAD TO COUNCIL			

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Plan	Surv/Comp	Purpose
DP14482	SURVEY	UNRESEARCHED
DP15757	SURVEY	UNRESEARCHED
DP133907	COMPILATION	DEPARTMENTAL
DP216278	SURVEY	SUBDIVISION
DP252472	SURVEY	SUBDIVISION
DP355415	SURVEY	UNRESEARCHED
DP364634	SURVEY	UNRESEARCHED
DP367844	COMPILATION	UNRESEARCHED
DP531335	SURVEY	SUBDIVISION
DP567915	COMPILATION	RESUMPTION OR ACQUISITION
DP650334	COMPILATION	DEPARTMENTAL
DP664545	COMPILATION	DEPARTMENTAL
DP751651	COMPILATION	CROWN ADMIN NO.
DP827807	SURVEY	SUBDIVISION
DP912629	COMPILATION	UNRESEARCHED
DP914028	COMPILATION	UNRESEARCHED
DP914029	COMPILATION	UNRESEARCHED
DP1087684	SURVEY	ROADS ACT, 1993
DP1122488	SURVEY	SUBDIVISION
DP1137972	SURVEY	SUBDIVISION
DP1141397	SURVEY	SUBDIVISION
DP1168326	SURVEY	SUBDIVISION
DP1218864	SURVEY	SUBDIVISION
DP1244030	COMPILATION	CROWN ROAD ENCLOSURE

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	Status	Surv/Comp	Purpose
DP108089 Lot(s): 1	 DP1042897	REGISTERED	SURVEY
			EASEMENT
Lot(s): 2, 3	 CA160226 - LOTS 2-3 DP108089		
DP111718 Lot(s): 1	 DP1267515	REGISTERED	COMPILATION
			EASEMENT
DP213770 Lot(s): 1	 DP1276452	REGISTERED	SURVEY
			EASEMENT
Lot(s): 2	 DP1042897	REGISTERED	SURVEY
			EASEMENT
DP252472 Lot(s): 1, 2, 8, 9	 DP1114328	REGISTERED	SURVEY
			EASEMENT
DP394440 Lot(s): C, D	 DP1313118	PRE-EXAM	SURVEY
			EASEMENT
	 CA135268 - LOTS 1 AND 3 DP260856, LOTS 1 AND 3 DP261232, LOTS C AND D DP394440, LOT 2 DP537770, LOTS 11, 27, 34, 253 DP751651, LOT 171 DP1131952, LOT 228 DP1131953, LOTS 1-2 DP1131955, LOT 1 DP1131956, LOT 227 DP1131957		
DP713684 Lot(s): 4	 DP1134791	REGISTERED	SURVEY
			EASEMENT
DP827807 Lot(s): 32	 DP1042898	REGISTERED	SURVEY
			EASEMENT
	 DP1313118	PRE-EXAM	SURVEY
			EASEMENT
DP829137 Lot(s): 3	 DP1260411	REGISTERED	SURVEY
			EASEMENT
	 DP1267515	REGISTERED	COMPILATION
			EASEMENT
DP829410 Lot(s): 101	 DP1260411	REGISTERED	SURVEY
			EASEMENT
	 DP1267515	REGISTERED	COMPILATION
			EASEMENT
DP1018282 Lot(s): 12	 DP713684	HISTORICAL	SURVEY
			SUBDIVISION
DP1043966 Lot(s): 100	 DP1313118	PRE-EXAM	SURVEY
			EASEMENT
Lot(s): 100, 101	 DP394440	HISTORICAL	SURVEY
			UNRESEARCHED
DP1087684 Lot(s): 5	 DP1313123	REGISTERED	COMPILATION
			PROPOSED EASEMENT
Lot(s): 3, 4	 DP1313118	PRE-EXAM	SURVEY
			EASEMENT
Lot(s): 1, 5	 DP1211532	REGISTERED	SURVEY
			EASEMENT
	 DP1267515	REGISTERED	COMPILATION
			EASEMENT
Lot(s): 1, 6	 DP829410	HISTORICAL	SURVEY
			SUBDIVISION
Lot(s): 4, 5, 9, 10	 DP827807	HISTORICAL	SURVEY
			SUBDIVISION
Lot(s): 3	 CA120635 - NPW		
	 CA156740 - LOT 3 DP1087684		

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	Status	Surv/Comp	Purpose
DP1131952			
Lot(s): 171			
	DP1313118	PRE-EXAM	SURVEY
	EASEMENT		
	CA135268 - LOTS 1 AND 3 DP260856, LOTS 1 AND 3 DP261232, LOTS C AND D DP394440, LOT 2 DP537770, LOTS 11, 27, 34, 253 DP751651, LOT 171 DP1131952, LOT 228 DP1131953, LOTS 1-2 DP1131955, LOT 1 DP1131956, LOT 227 DP1131957		
DP1131955			
Lot(s): 1			
	DP1313118	PRE-EXAM	SURVEY
	EASEMENT		
Lot(s): 2			
	DP1263694	REGISTERED	SURVEY
	EASEMENT		
Lot(s): 1, 2			
	CA135268 - LOTS 1 AND 3 DP260856, LOTS 1 AND 3 DP261232, LOTS C AND D DP394440, LOT 2 DP537770, LOTS 11, 27, 34, 253 DP751651, LOT 171 DP1131952, LOT 228 DP1131953, LOTS 1-2 DP1131955, LOT 1 DP1131956, LOT 227 DP1131957		
DP1131959			
Lot(s): 171			
	DP1313118	PRE-EXAM	SURVEY
	EASEMENT		
	CA120635 - NPW		
DP1139978			
Lot(s): 11			
	DP537770	HISTORICAL	SURVEY
	RESUMPTION OR ACQUISITION		
	DP1260410	REGISTERED	SURVEY
	EASEMENT		
	DP1313118	PRE-EXAM	SURVEY
	EASEMENT		
Lot(s): 10, 11			
	DP262515	HISTORICAL	SURVEY
	RESUMPTION OR ACQUISITION		
	DP1131956	HISTORICAL	COMPILATION
	LIMITED FOLIO CREATION		
	DP1131957	HISTORICAL	COMPILATION
	LIMITED FOLIO CREATION		
	CA135268 - LOTS 1 AND 3 DP260856, LOTS 1 AND 3 DP261232, LOTS C AND D DP394440, LOT 2 DP537770, LOTS 11, 27, 34, 253 DP751651, LOT 171 DP1131952, LOT 228 DP1131953, LOTS 1-2 DP1131955, LOT 1 DP1131956, LOT 227 DP1131957		
DP1168824			
Lot(s): 10			
	CA159385 - LOT 10 DP1168824		
DP1204803			
Lot(s): 1115			
	CA173886 - LOT 1115 DP1204803		
DP1206320			
Lot(s): 11, 12			
	DP602173	HISTORICAL	COMPILATION
	SUBDIVISION		
DP1207089			
Lot(s): 20			
	DP795132	HISTORICAL	COMPILATION
	DEPARTMENTAL		
	DP795133	HISTORICAL	COMPILATION
	DEPARTMENTAL		
	DP1177951	HISTORICAL	SURVEY
	DELIMITATION		
	DP1276452	REGISTERED	SURVEY
	EASEMENT		
Road			
Polygon Id(s): 156981832, 157066111, 157066112, 157066107, 157066085, 157066108, 157066083, 157066099, 157066098, 157066101, 157066100			
	NSW GAZ.	02-02-2007	Folio : 697
	ACQUIRED AND DEDICATED PUBLIC ROAD LOTS 6-10 DP1087684		
Polygon Id(s): 157066111, 157066112, 157066107, 157066085, 157066108			
	PA82289 - LOTS 7-8 DP1087684		
Polygon Id(s): 108005260, 108005261, 108005262, 157066081, 157066085, 157066083			
	NSW GAZ.	26-10-2018	Folio : 7716
	TRANSFER OF CROWN ROAD TO COUNCIL AFFECTING THE LAND SHOWN IN THE DIAGRAM ACCOMPANYING THIS GAZETTE NOTIFICATION		
Polygon Id(s): 105241798, 107111576			
	DP1263799	REGISTERED	SURVEY
	EASEMENT		
	EASEMENT FOR WATER SUPPLY 20 WIDE - DP1263799		

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Plan	Surv/Comp	Purpose
DP14482	SURVEY	UNRESEARCHED
DP15757	SURVEY	UNRESEARCHED
DP108089	SURVEY	UNRESEARCHED
DP111718	COMPILATION	DEPARTMENTAL
DP213770	SURVEY	RESUMPTION OR ACQUISITION
DP252472	SURVEY	SUBDIVISION
DP372255	SURVEY	UNRESEARCHED
DP394440	SURVEY	UNRESEARCHED
DP611862	COMPILATION	SUBDIVISION
DP713684	SURVEY	SUBDIVISION
DP751651	COMPILATION	CROWN ADMIN NO.
DP771647	SURVEY	SUBDIVISION
DP827807	SURVEY	SUBDIVISION
DP827839	SURVEY	SUBDIVISION
DP829137	SURVEY	SUBDIVISION
DP829410	SURVEY	SUBDIVISION
DP1018282	COMPILATION	CONSOLIDATION
DP1043966	SURVEY	SUBDIVISION
DP1043966	SURVEY	SUBDIVISION
DP1087684	SURVEY	ROADS ACT, 1993
DP1131952	COMPILATION	LIMITED FOLIO CREATION
DP1131955	COMPILATION	LIMITED FOLIO CREATION
DP1131959	COMPILATION	LIMITED FOLIO CREATION
DP1139978	SURVEY	SUBDIVISION
DP1168824	COMPILATION	LIMITED FOLIO CREATION
DP1204803	COMPILATION	LIMITED FOLIO CREATION
DP1206320	SURVEY	SUBDIVISION
DP1207089	SURVEY	CONSOLIDATION

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	Status	Surv/Comp	Purpose
DP108089			
Lot(s): 1			
 DP1042897	REGISTERED	SURVEY	EASEMENT
Lot(s): 2, 3			
 CA160226 - LOTS 2-3 DP108089			
DP111718			
Lot(s): 1			
 DP1267515	REGISTERED	COMPILATION	EASEMENT
DP213770			
Lot(s): 1			
 DP1276452	REGISTERED	SURVEY	EASEMENT
Lot(s): 2			
 DP1042897	REGISTERED	SURVEY	EASEMENT
DP252472			
Lot(s): 1, 2, 8, 9			
 DP1114328	REGISTERED	SURVEY	EASEMENT
DP253863			
Lot(s): 20, 21, 22, 23, 24			
 DP1194454	WITHDRAWN	COMPILATION	EASEMENT
Lot(s): 3			
 DP1175872	REGISTERED	SURVEY	EASEMENT
DP258806			
Lot(s): 25			
 DP1194454	WITHDRAWN	COMPILATION	EASEMENT
Lot(s): 30			
 NSW GAZ. 06-05-2005 Folio : 1624 DECLARED CROWN LAND LOT 30 DP258806			
DP394440			
Lot(s): C, D			
 DP1313118	PRE-EXAM	SURVEY	EASEMENT
 CA135268 - LOTS 1 AND 3 DP260856, LOTS 1 AND 3 DP261232, LOTS C AND D DP394440, LOT 2 DP537770, LOTS 11, 27, 34, 253 DP751651, LOT 171 DP1131952, LOT 228 DP1131953, LOTS 1-2 DP1131955, LOT 1 DP1131956, LOT 227 DP1131957			
Lot(s): E			
 CA136600 - LOT E DP394440			
DP443235			
Lot(s): 1			
 DP1194454	WITHDRAWN	COMPILATION	EASEMENT
DP705950			
Lot(s): 9, 10, 11, 12, 13			
 DP1194454	WITHDRAWN	COMPILATION	EASEMENT
DP751651			
Lot(s): 129			
 DP1201852	REGISTERED	COMPILATION	CROWN ROAD ENCLOSURE
DP778400			
Lot(s): 4			
 DP1194454	WITHDRAWN	COMPILATION	EASEMENT
DP827807			
Lot(s): 32			
 DP1042898	REGISTERED	SURVEY	EASEMENT
 DP1313118	PRE-EXAM	SURVEY	EASEMENT
DP829137			
Lot(s): 3			
 DP1260411	REGISTERED	SURVEY	EASEMENT
 DP1267515	REGISTERED	COMPILATION	EASEMENT
DP829410			
Lot(s): 101			
 DP1260411	REGISTERED	SURVEY	EASEMENT
 DP1267515	REGISTERED	COMPILATION	EASEMENT


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	Status	Surv/Comp	Purpose
DP1016725			
Lot(s): 4			
 DP717025	HISTORICAL	SURVEY	SUBDIVISION
DP1018282			
Lot(s): 12			
 DP713684	HISTORICAL	SURVEY	SUBDIVISION
DP1018958			
Lot(s): 3			
 DP717025	HISTORICAL	SURVEY	SUBDIVISION
 DP827541	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
 DP1016725	HISTORICAL	SURVEY	SUBDIVISION
DP1043966			
Lot(s): 100			
 DP1313118	PRE-EXAM	SURVEY	EASEMENT
Lot(s): 100, 101			
 DP394440	HISTORICAL	SURVEY	UNRESEARCHED
DP1043967			
Lot(s): 91			
 DP717025	HISTORICAL	SURVEY	SUBDIVISION
 DP789971	HISTORICAL	SURVEY	SUBDIVISION
 DP813742	HISTORICAL	COMPILATION	RESUMPTION OR ACQUISITION
 DP1016725	HISTORICAL	SURVEY	SUBDIVISION
 DP1208671	REGISTERED	COMPILATION	EASEMENT
DP1087684			
Lot(s): 5			
 DP1313123	REGISTERED	COMPILATION	PROPOSED EASEMENT
Lot(s): 3, 4			
 DP1313118	PRE-EXAM	SURVEY	EASEMENT
Lot(s): 1, 5			
 DP1211532	REGISTERED	SURVEY	EASEMENT
 DP1267515	REGISTERED	COMPILATION	EASEMENT
Lot(s): 1, 6			
 DP829410	HISTORICAL	SURVEY	SUBDIVISION
Lot(s): 4, 5, 9, 10			
 DP827807	HISTORICAL	SURVEY	SUBDIVISION
Lot(s): 3			
 CA120635 - NPW			
 CA156740 - LOT 3 DP1087684			
DP1131952			
Lot(s): 171			
 DP1313118	PRE-EXAM	SURVEY	EASEMENT
 CA135268 - LOTS 1 AND 3 DP260856, LOTS 1 AND 3 DP261232, LOTS C AND D DP394440, LOT 2 DP537770, LOTS 11, 27, 34, 253 DP751651, LOT 171 DP1131952, LOT 228 DP1131953, LOTS 1-2 DP1131955, LOT 1 DP1131956, LOT 227 DP1131957			
DP1131955			
Lot(s): 1			
 DP1313118	PRE-EXAM	SURVEY	EASEMENT
Lot(s): 2			
 DP1263694	REGISTERED	SURVEY	EASEMENT
Lot(s): 1, 2			
 CA135268 - LOTS 1 AND 3 DP260856, LOTS 1 AND 3 DP261232, LOTS C AND D DP394440, LOT 2 DP537770, LOTS 11, 27, 34, 253 DP751651, LOT 171 DP1131952, LOT 228 DP1131953, LOTS 1-2 DP1131955, LOT 1 DP1131956, LOT 227 DP1131957			
DP1131959			
Lot(s): 171			
 DP1313118	PRE-EXAM	SURVEY	EASEMENT
 CA120635 - NPW			

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	Status	Surv/Comp	Purpose
DP1139978			
Lot(s): 11			
 DP537770	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
 DP1260410	REGISTERED	SURVEY	EASEMENT
 DP1313118	PRE-EXAM	SURVEY	EASEMENT
Lot(s): 10, 11			
 DP262515	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
 DP1131956	HISTORICAL	COMPILATION	LIMITED FOLIO CREATION
 DP1131957	HISTORICAL	COMPILATION	LIMITED FOLIO CREATION
 CA135268 - LOTS 1 AND 3 DP260856, LOTS 1 AND 3 DP261232, LOTS C AND D DP394440, LOT 2 DP537770, LOTS 11, 27, 34, 253 DP751651, LOT 171 DP1131952, LOT 228 DP1131953, LOTS 1-2 DP1131955, LOT 1 DP1131956, LOT 227 DP1131957			
DP1164448			
Lot(s): 920			
 DP717025	HISTORICAL	SURVEY	SUBDIVISION
 DP789971	HISTORICAL	SURVEY	SUBDIVISION
 DP813742	HISTORICAL	COMPILATION	RESUMPTION OR ACQUISITION
 DP1016725	HISTORICAL	SURVEY	SUBDIVISION
 DP1043967	HISTORICAL	SURVEY	SUBDIVISION
 DP1208671	REGISTERED	COMPILATION	EASEMENT
DP1168824			
Lot(s): 10			
 CA159385 - LOT 10 DP1168824			
DP1181412			
Lot(s): 3			
 DP717025	HISTORICAL	SURVEY	SUBDIVISION
 DP789971	HISTORICAL	SURVEY	SUBDIVISION
 DP790970	HISTORICAL	COMPILATION	RESUMPTION OR ACQUISITION
 DP813742	HISTORICAL	COMPILATION	RESUMPTION OR ACQUISITION
 DP1016725	HISTORICAL	SURVEY	SUBDIVISION
 DP1043967	HISTORICAL	SURVEY	SUBDIVISION
 DP1164448	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
 DP1194454	WITHDRAWN	COMPILATION	EASEMENT
 DP1208671	REGISTERED	COMPILATION	EASEMENT
DP1197301			
Lot(s): 101			
 DP253863	HISTORICAL	SURVEY	SUBDIVISION
DP1204803			
Lot(s): 1115			
 CA173886 - LOT 1115 DP1204803			
DP1206320			
Lot(s): 11, 12			
 DP602173	HISTORICAL	COMPILATION	SUBDIVISION
DP1207089			
Lot(s): 20			
 DP795132	HISTORICAL	COMPILATION	DEPARTMENTAL
 DP795133	HISTORICAL	COMPILATION	DEPARTMENTAL
 DP1177951	HISTORICAL	SURVEY	DELIMITATION
 DP1276452	REGISTERED	SURVEY	EASEMENT
DP1226927			
Lot(s): 3			
 DP827541	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
 DP1018958	HISTORICAL	SURVEY	ROADS ACT, 1993
Lot(s): 3, 4			
 DP717025	HISTORICAL	SURVEY	SUBDIVISION
 DP1016725	HISTORICAL	SURVEY	SUBDIVISION
Lot(s): 4			
 DP449122	HISTORICAL	COMPILATION	UNRESEARCHED

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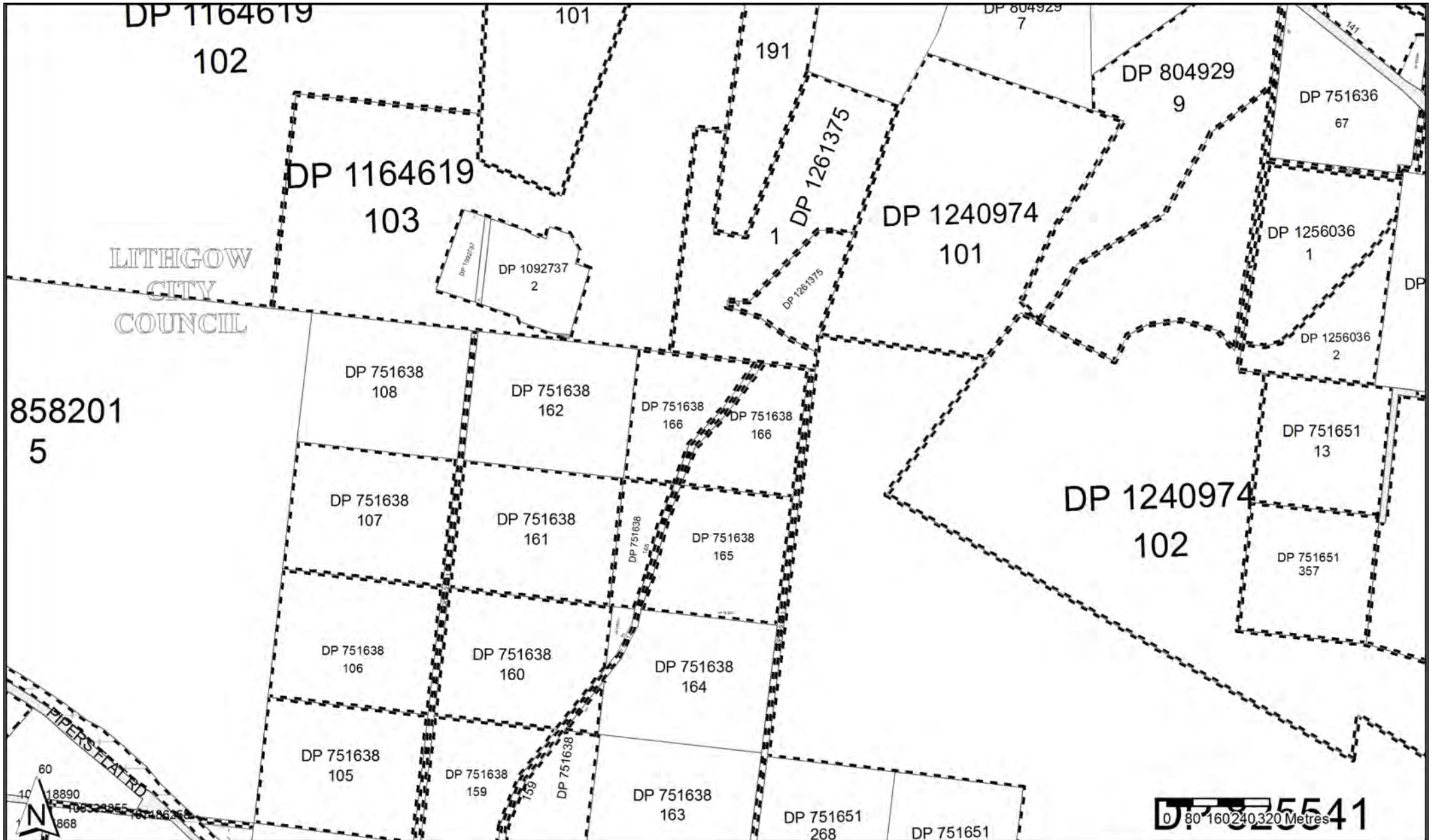
	Status	Surv/Comp	Purpose
DP1278148			
Lot(s): 1, 2, 3			
	DP1018958	HISTORICAL	SURVEY
			ROADS ACT, 1993
	DP1131953	HISTORICAL	COMPILATION
			LIMITED FOLIO CREATION
	CA135268 - LOTS 1 AND 3 DP260856, LOTS 1 AND 3 DP261232, LOTS C AND D DP394440, LOT 2 DP537770, LOTS 11, 27, 34, 253 DP751651, LOT 171 DP1131952, LOT 228 DP1131953, LOTS 1-2 DP1131955, LOT 1 DP1131956, LOT 227 DP1131957		
DP1284934			
Lot(s): 5			
	DP829137	HISTORICAL	SURVEY
			SUBDIVISION
Road			
Polygon Id(s): 156981832, 157066111, 157066112, 157066107, 157066085, 157066108, 157066083, 157066099, 157066098, 157066101, 157066100			
	NSW GAZ.	02-02-2007	Folio : 697
	ACQUIRED AND DEDICATED PUBLIC ROAD LOTS 6-10 DP1087684		
Polygon Id(s): 157066111, 157066112, 157066107, 157066085, 157066108			
	PA82289 - LOTS 7-8 DP1087684		
Polygon Id(s): 108005260, 108005261, 108005262, 157066081, 157066085, 157066083			
	NSW GAZ.	26-10-2018	Folio : 7716
	TRANSFER OF CROWN ROAD TO COUNCIL AFFECTING THE LAND SHOWN IN THE DIAGRAM ACCOMPANYING THIS GAZETTE NOTIFICATION		
Polygon Id(s): 105241798, 107111576			
	DP1263799	REGISTERED	SURVEY
			EASEMENT
	EASEMENT FOR WATER SUPPLY 20 WIDE - DP1263799		
Polygon Id(s): 108010697, 108010698			
	NSW GAZ.	28-11-2003	Folio : 10904
	DEDICATED PUBLIC ROAD LOTS 5-10 DP1018958 - SEE AA289481		
Polygon Id(s): 108010697, 108010699			
	CA88915 - LOT 5 AND 7 DP1018958		
Unidentified			
Polygon Id(s): 105383259			
	NSW GAZ.	04-12-1901	Folio : 9373
	CLOSED ROAD AFFECTING LAND SHADED BLUE IN CROWN PLAN 6970-1603N		
	NSW GAZ.	04-12-1901	Folio : 9373
	CLOSED ROAD AFFECTING LAND SHADED BLUE IN CROWN PLAN 6970-1603		























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<b>Plan</b>	<b>Surv/Comp</b>	<b>Purpose</b>
DP15256	SURVEY	UNRESEARCHED
DP108089	SURVEY	UNRESEARCHED
DP111718	COMPILATION	DEPARTMENTAL
DP161475	SURVEY	UNRESEARCHED
DP213770	SURVEY	RESUMPTION OR ACQUISITION
DP252472	SURVEY	SUBDIVISION
DP253863	SURVEY	SUBDIVISION
DP258806	SURVEY	SUBDIVISION
DP263665	SURVEY	SUBDIVISION
DP372255	SURVEY	UNRESEARCHED
DP394440	SURVEY	UNRESEARCHED
DP443235	SURVEY	UNRESEARCHED
DP608431	COMPILATION	SUBDIVISION
DP611862	COMPILATION	SUBDIVISION
DP615400	SURVEY	OLD SYSTEM CONVERSION
DP705950	SURVEY	SUBDIVISION
DP713684	SURVEY	SUBDIVISION
DP751651	COMPILATION	CROWN ADMIN NO.
DP771647	SURVEY	SUBDIVISION
DP778400	SURVEY	SUBDIVISION
DP827807	SURVEY	SUBDIVISION
DP827839	SURVEY	SUBDIVISION
DP829137	SURVEY	SUBDIVISION
DP829410	SURVEY	SUBDIVISION
DP856879	SURVEY	SUBDIVISION
DP1016725	SURVEY	SUBDIVISION
DP1018282	COMPILATION	CONSOLIDATION
DP1018958	SURVEY	ROADS ACT, 1993
DP1043966	SURVEY	SUBDIVISION
DP1043966	SURVEY	SUBDIVISION
DP1043967	SURVEY	SUBDIVISION
DP1043967	SURVEY	SUBDIVISION
DP1087684	SURVEY	ROADS ACT, 1993
DP1131952	COMPILATION	LIMITED FOLIO CREATION
DP1131955	COMPILATION	LIMITED FOLIO CREATION
DP1131959	COMPILATION	LIMITED FOLIO CREATION
DP1139978	SURVEY	SUBDIVISION
DP1164448	SURVEY	RESUMPTION OR ACQUISITION
DP1168824	COMPILATION	LIMITED FOLIO CREATION
DP1181412	UNRESEARCHED	SUBDIVISION
DP1181412	SURVEY	SUBDIVISION
DP1197301	COMPILATION	CONSOLIDATION
DP1204803	COMPILATION	LIMITED FOLIO CREATION
DP1206320	SURVEY	SUBDIVISION
DP1207089	SURVEY	CONSOLIDATION
DP1209810	COMPILATION	DEPARTMENTAL
DP1226927	SURVEY	SUBDIVISION
DP1278148	SURVEY	SUBDIVISION
DP1284934	SURVEY	REDEFINITION












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



	Status	Surv/Comp	Purpose	
DP400022 Lot(s): 1	 DP1307178	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
DP629212 Lot(s): 191	 DP1244569	REGISTERED	SURVEY	EASEMENT
DP751638 Lot(s): 105, 106, 107, 159, 160, 161, 165, 166	 DP1159629	REGISTERED	SURVEY	EASEMENT
DP751651 Lot(s): 13, 357	 DP1174922	REGISTERED	SURVEY	EASEMENT
DP804929 Lot(s): 9	 DP1307178	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
DP825541 Lot(s): 502	 DP1186186	REGISTERED	SURVEY	EASEMENT
DP1049889 Lot(s): 1	 NSW GAZ. CLOSED ROAD LOT 1 DP1049889	07-05-2004	Folio : 2459	
DP1111283 Lot(s): 333	 CA107647 - LOT 333 DP1111283			
DP1127043 Lot(s): 1	 NSW GAZ. CLOSED ROAD LOT 1 DP1127043	22-08-2008	Folio : 7915	
DP1151441 Lot(s): 1	 DP1159629	REGISTERED	SURVEY	EASEMENT
Lot(s): 1, 3, 4	 NSW GAZ. CLOSED ROAD LOTS 1-4 DP1151441	23-07-2010	Folio : 3594	
DP1164619 Lot(s): 103	 DP1313432	PRE-EXAM	SURVEY	PROPOSED EASEMENT
Lot(s): 101, 102, 103	 DP751636	HISTORICAL	COMPILATION	CROWN ADMIN NO.
	 DP832446	HISTORICAL	SURVEY	SUBDIVISION
	 DP1092737	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
	 DP1127747	HISTORICAL	COMPILATION	SUBDIVISION
DP1185660 Lot(s): 141	 DP1307178	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
Lot(s): 140, 141	 DP827626	HISTORICAL	SURVEY	SUBDIVISION
DP1188105 Lot(s): 137	 DP827626	HISTORICAL	SURVEY	SUBDIVISION
	 DP1307178	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
Lot(s): 141	 DP877753	HISTORICAL	SURVEY	ROADS ACT, 1993
DP1221830 Lot(s): 2003	 CA176045 - LOT 2003 DP1221830			

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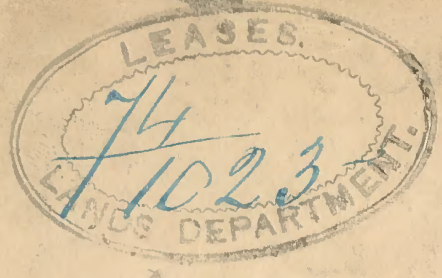
	Status	Surv/Comp	Purpose
DP1240974			
Lot(s): 102			
 DP825541	HISTORICAL	SURVEY	SUBDIVISION
Lot(s): 101, 102			
 DP804929	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
 DP1151441	HISTORICAL	COMPILATION	CROWN ROAD ENCLOSURE
 NSW GAZ.		23-07-2010	Folio : 3594
CLOSED ROAD LOTS 1-4 DP1151441			
DP1245325			
Lot(s): 611			
 DP861078	HISTORICAL	SURVEY	SUBDIVISION
DP1256036			
Lot(s): 1, 2			
 DP751636	HISTORICAL	COMPILATION	CROWN ADMIN NO.
 NSW GAZ.		22-11-2002	Folio : 10019
LOT 42 DP751636 ACQUIRED FOR THE PURPOSES OF A SOLID WASTE LANDFILL DEPOT			
 PA81257 - LOT 42 DP751636			
DP1261375			
Lot(s): 1, 2			
 DP702619	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
 DP829065	HISTORICAL	SURVEY	PRIMARY APPLN NON SUBDIVISION
Road			
Polygon Id(s): 105218890, 105333855, 105695868, 107186258			
 NSW GAZ.		21-09-2018	Folio : 6687
TRANSFER OF CROWN ROAD TO COUNCIL AFFECTING THE LAND SHOWN IN THE DIAGRAM ACCOMPANYING THIS GAZETTE NOTIFICATION			

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<b>Plan</b>	<b>Surv/Comp</b>	<b>Purpose</b>
DP88503	SURVEY	UNRESEARCHED
DP400022	SURVEY	UNRESEARCHED
DP629212	SURVEY	RESUMPTION OR ACQUISITION
DP702619	SURVEY	RESUMPTION OR ACQUISITION
DP751636	COMPILATION	CROWN ADMIN NO.
DP751638	COMPILATION	CROWN ADMIN NO.
DP751651	COMPILATION	CROWN ADMIN NO.
DP755769	COMPILATION	CROWN ADMIN NO.
DP800003	SURVEY	SUBDIVISION
DP804929	SURVEY	RESUMPTION OR ACQUISITION
DP825541	SURVEY	SUBDIVISION
DP858201	SURVEY	SUBDIVISION
DP861078	SURVEY	SUBDIVISION
DP874368	SURVEY	SUBDIVISION
DP920999	COMPILATION	UNRESEARCHED
DP1049889	COMPILATION	CROWN FOLIO CREATION
DP1092737	SURVEY	RESUMPTION OR ACQUISITION
DP1111283	COMPILATION	LIMITED FOLIO CREATION
DP1127043	COMPILATION	CROWN FOLIO CREATION
DP1151441	COMPILATION	CROWN ROAD ENCLOSURE
DP1164619	SURVEY	SUBDIVISION
DP1164619	SURVEY	SUBDIVISION
DP1185660	SURVEY	SUBDIVISION
DP1188105	SURVEY	SUBDIVISION
DP1221830	COMPILATION	LIMITED FOLIO CREATION
DP1240974	UNRESEARCHED	SUBDIVISION
DP1240974	SURVEY	SUBDIVISION
DP1245325	UNRESEARCHED	SUBDIVISION
DP1245325	SURVEY	SUBDIVISION
DP1256036	SURVEY	SUBDIVISION
DP1261375	SURVEY	SUBDIVISION
DP1261375	UNRESEARCHED	SUBDIVISION

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**PLAN**  
 of 4 portions Nos 159, 160, 161, 162  
 Parish of **Palnash**  
 COUNTY OF **COOK**

Applied for under the 22<sup>nd</sup> clause of the Crown Lands Occupation Act of 1861 by  
*J. W. Mathin*

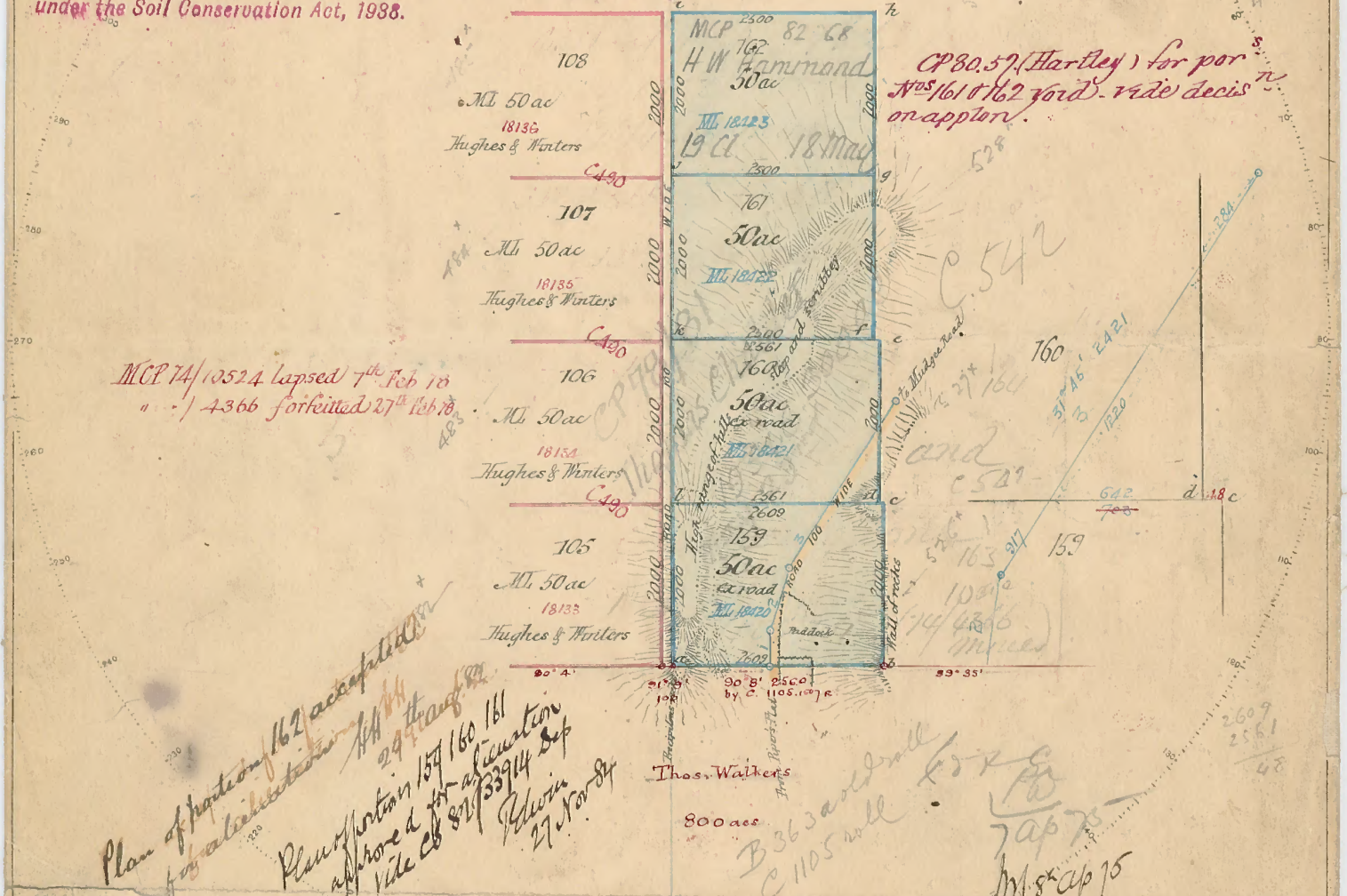
MCP 10525 lapsed Gaz. 4<sup>th</sup> May 78.  
 MCP 82 68 for portion 162 by H. W. Hammond, Consolidated with MCP's 78-81, 80-83  
 and 82-58, 59, 60, 69-71 vide C.S. 86-5858 Cor.

NOTE - In the event of the Conditional Purchase becoming either LAPSED or FORFEITED the plan should be forwarded to the RESERVE OFFICE with a view of including the area in Railway Res. 180. Notd 5<sup>th</sup> Dec 83.

Portions 159, 160 & 161 Part of MCP 78-81 of 23<sup>rd</sup> May for 300 ac by Thomas Chalder Consolidated with MCP's 80-83, 82-58, 59, 60, 68, 69 & 71 vide C.S. 86-5858 Cor.

MCP's 78-81 & 82-68 Validated under 3<sup>rd</sup> sec<sup>n</sup> Act 50 Vic. No. 21 Vide Gazette of 16<sup>th</sup> Augt 1887

Within Warragamba Catchment Area, Notified 5th October 1945 under the Soil Conservation Act, 1938.



MCP 74/10524 lapsed 7<sup>th</sup> Feb 18  
 " " 4366 forfeited 27<sup>th</sup> Feb 78

Plan of portions 162 consolidated  
 for calculation  
 Plan of portion 159, 160, 161  
 approved for consolidation  
 vide CB 82/33914 Sep  
 27<sup>th</sup> Nov 84

For corrections in red showing position, lengths & bearings of part of the boundary of T. Walker's 800 acs, vide C. 1105. 107 B. 1

Corner	Bearing	From	Links	N <sup>o</sup> on Plan
a	Stake		1	
b	do		1	
c	115° 26'	Corner	25	159
d	232°	do	10	160
e	Stake			
f	do			
g	156° 25'	Corner	35	161-162
h	100° 25'	do	35	162
i	70°	do	22	162
j	Stake			
k	251° 20'	Corner	78	160-161
l	161° 35'	Stake	31	162-160

Line	Bearing	Distance
1	56°	451
2	16° 15'	503
3	31° 45'	917
4	continued	2137
5	whole length of line	2021

Scale 20 Chains to an Inch.

Marked in accordance with regulations  
 Instrument used in Survey Theodolite  
 Date of Survey 1<sup>st</sup> & 2<sup>nd</sup> June 1874  
 Value of Improvements Fencing about £6  
 Situated in the

**PLAN MICROFILMED**

NO ADDITIONS OR AMENDMENTS TO BE MADE

Transmitted to the Surveyor General with my letter of the 10<sup>th</sup> June

540-1507

*W. J. Mathin*



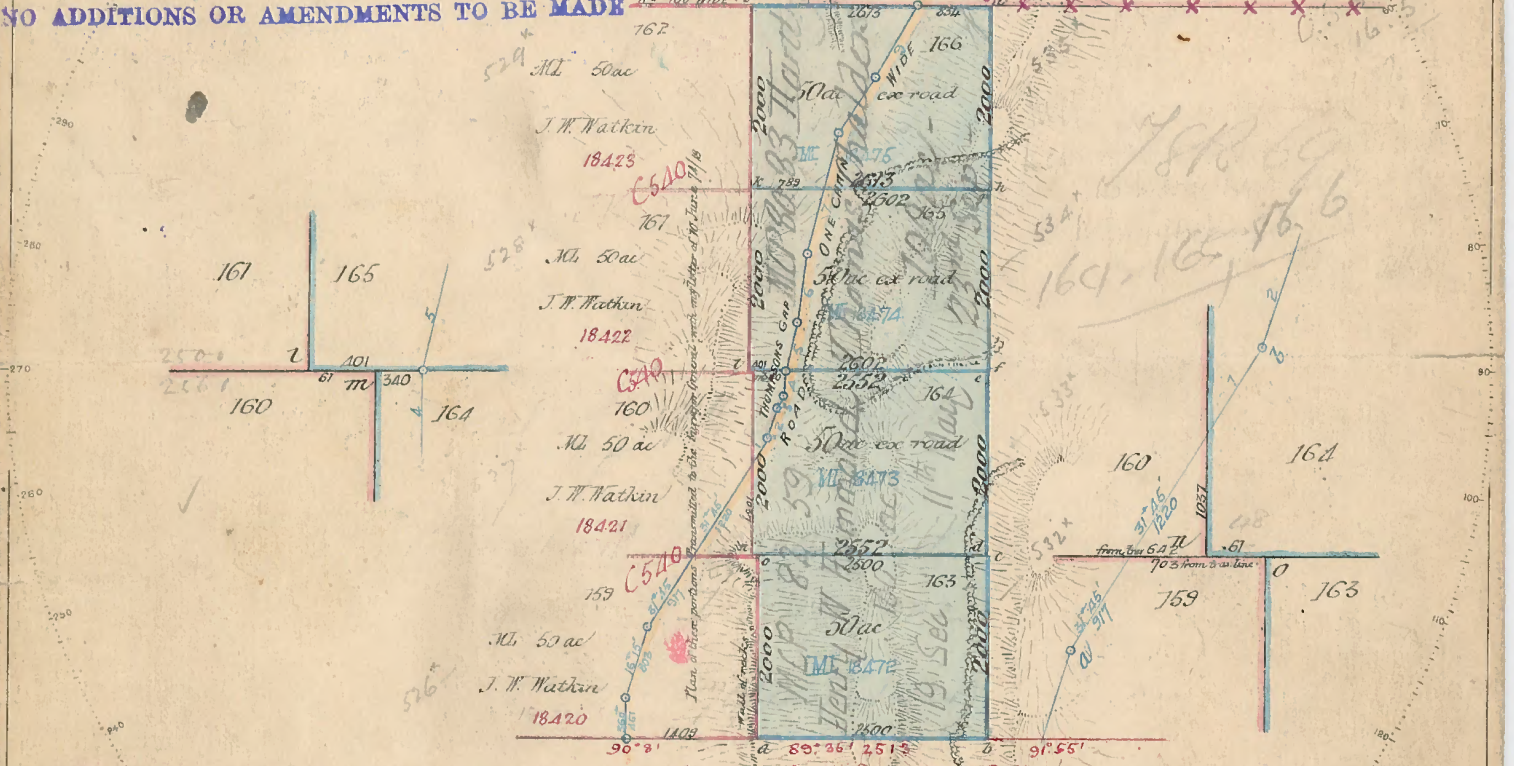
**PLAN**  
 of 4 portions Nos 163, 4, 5 & 6  
 Parish of Falnash  
 COUNTY OF COOK

Applied for under the 22<sup>nd</sup> clause of the Crown Lands Occupation Act of 1861 by  
 C. H. Livingston & J. W. Watkin

*MCP 74. 10525. Lapsed Gaz. 4.5.78.*  
*MCP 82 59 by H W Hammond for portions 163 & 164 Consolidated with MCP's 78-81 -- 80-83, 82-58, 60, 68, 69, & 71 vide C.S. 86-5858 Cor.*  
*MCP 80 83 by Thos Chalders for portions 165 & 166 (100ac) Consolidated with MCP's 78-81, 82-58, 59, 60, 68, 69 and 71 vide C.S. 86-5858 Cor.*  
*MCP's 80, 83 & 82-59 Validated under 3<sup>rd</sup> sec<sup>n</sup> Act 50 Vic. No. 21 Vide Gazette of 16<sup>th</sup> Aug<sup>r</sup> 1887*  
 Livingston & Watkin  
 J<sup>rs</sup> Bishops 640 ac  
 Correct position of Bishops 640 ac. vide Com<sup>r</sup> C. 659

**PLAN MICROFILMED**

NO ADDITIONS OR AMENDMENTS TO BE MADE



Within Warragamba Catchment Area, Notified 5th October 1945,  
 under the Soil Conservation Act, 1938.

*T. Walker 800 acs*  
 Note a to b N 51° 25' E 2421 and ab cuts the side line m'n at  
 2157 from a, and 1057 from corner n

For corrections on real on length & bearing of C boundary  
 of portion 163 vide C. 1105 1507 R.

Reference to Corners

Corner	Bearing	From	Links	N <sup>o</sup> on Tree
a		Stake		
b	15° 16'	Corner	45	163
c		Stake		
d		do		
e		do		
f	225° 06'	Corner	32	165
g		Stake		
h		do		
i	284° 20'	Corner	11	166
j	500° 25'	do	83	162-165
k	105° 25'	do	35	161 & 5-6
l		Stake		
m		do		
n	232°	Corner	10	160-164
o	116° 46'	Stake	25	159-163

Reference to Traverse

Line	Bearing	Distance
1	27° 25'	284
2	18° 25'	548
3	23° 15'	150
4	1° 45'	247
5	12° 16'	562
6	77° 15'	776
7	14° 18'	702
8	11° 15'	626
9	53°	717
	23° 15'	890

Scale 20 Chains to an Inch

Marked in accordance with regulations  
 Instrument used in Survey Theodolite  
 Date of Survey 7 & 8<sup>th</sup> June 1874  
 Value of Improvements Nil  
 Situated in the

**542-1507**

Transmitted to the Surveyor General with my letter of the 12<sup>th</sup> June

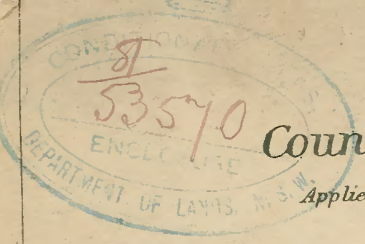
*W. H. Wood*  
 Licensed Surveyor

\* Given per original

See Mining Maps for Applications under Mining Acts affecting Portions

Amended Survey

PLAN OF PORTIONS N<sup>os</sup> 375 & 385  
 County of Cook Parish of Lidsdale



Applied for under the 22<sup>nd</sup> clause of the Crown Lands Alienation Act of 1861 by  
 Joseph Holt

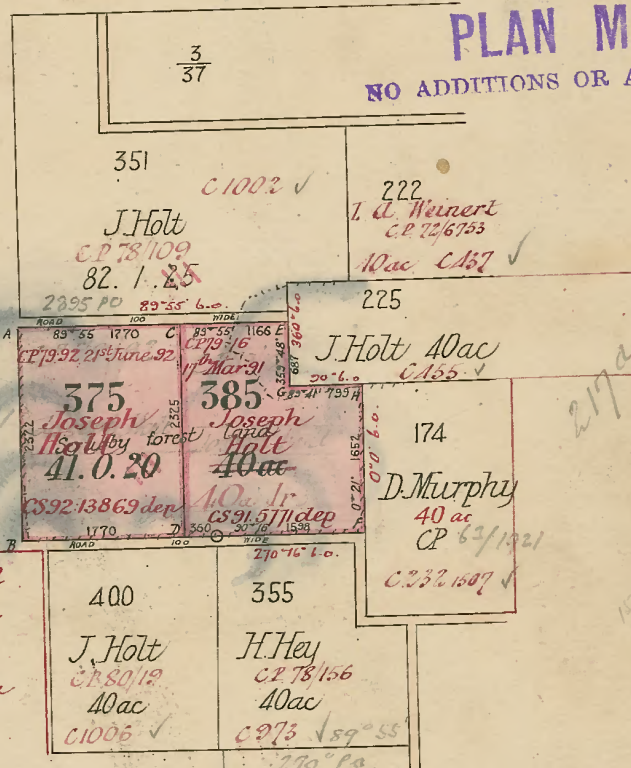
Portion N<sup>o</sup> 375 CP 79/92 dated 17<sup>th</sup> April  
 " " 385 " 79/16 " 23<sup>rd</sup> January  
 This plan cancels C870 1507 and C933 1507

For check survey vide C1003 1507 R.M.

NOTE.—In the event of the Conditional Purchase becoming either LAPSED or FORFEITED the plan should be forwarded to the RESERVE BRANCH with a view of including the area in Railway Res. 180. Vol. 5<sup>th</sup> Dec. 83

PLAN MICROFILMED  
 NO ADDITIONS OR AMENDMENTS TO BE MADE

For Appns. under Mining Act 83 vide Ph. Litho. Mines.



Nos. 375 & 385  
 Description prepared 27.5.91  
 Diagram Prepared 29.5.91  
 Nos. 375 & 385  
 Description prepared 12.8.92  
 Diagram Prepared 13.8.92

Examined and Charted  
 3<sup>rd</sup> February 1889  
 H. E. M. Wynne

Reference to Corners

Corner	Bearing	From	Links	N <sup>o</sup> on Tree
A	At cor	Stamp		375
B	271° 45'	Gum	21½	375
C	347°	Messmate	46½	375.385
D	216° 15'	Dead tree	33	375.385
E	141° 10'	Gum	38	385
F	At cor	Post		385
G	168° 10'	Box	22	225.385
H	114° 5'	Box	50	174.385

Reference to Traverse

Line	Bearing	Distance

I hereby certify that I in person made and on the 29<sup>th</sup> Sept 1881 completed the survey represented on the plan, on which are shewn the bearings, & lengths of the lines measured by me, that I used a Theodolite in accurate adjustment and a chain adapted to the standard of the Sydney Observatory that I commenced the survey at the point F on this plan and used as the basis of bearings the lines F.H. thereon, and that the whole of the survey has been executed in accordance with the practice of this Department and the regulations published for the guidance of Surveyors. I declare that the above certificate is true in every particular.

H. E. M. Wynne  
 Licensed Surveyor

Value of Improvements on 385 Fences £ 42  
 Situated in the 375 " £ 35

1005-1507

Scale 1 chain to an inch

Transmitted to the Registrar-General with my letter of the 31<sup>st</sup> October 1889

NEW SOUTH WALES



14090023

No. 52213

Vol. 14090 Fol. 23  
Registered 14-4-1980

Registrar General

We, Elizabeth the Second, by the Grace of God Queen of Australia and Her other Realms and Territories, Head of the Commonwealth, do hereby grant to the person described in the First Schedule an Estate in Fee Simple in the land within described, subject nevertheless to such reservations, conditions and other provisions as are shown in the Second Schedule. 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 first day of April in the twenty ninth year of Our Reign and in the year of Our Lord one thousand nine hundred and eighty.

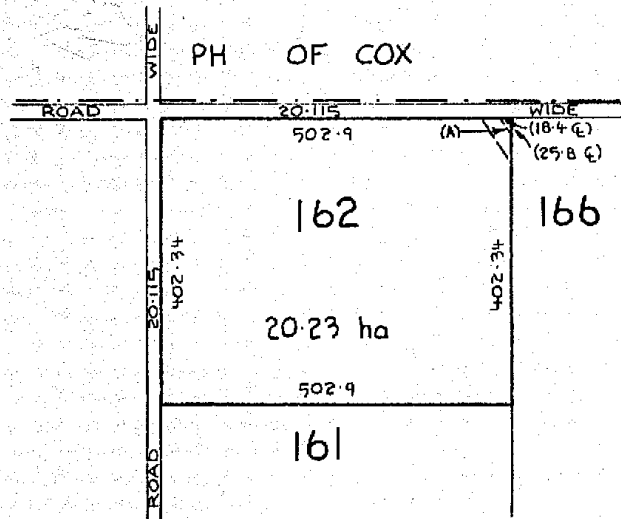
*A. A. Butler*  
Governor



PLAN SHOWING LOCATION OF LAND  
LENGTHS ARE IN METRES

**CANCELLED**

SEE AUTO FOLIO



(A) EASEMENT FOR TRANSMISSION LINE  
45 WIDE - GAZ. 28-7-1978 FOL. 3195

REDUCTION RATIO 1:8000

LAND REFERRED TO

Portion 162 in the City of Greater Lithgow Parish of Falmash and County of Cook.

FIRST SCHEDULE

THE COMMONWEALTH PORTLAND CEMENT COMPANY LIMITED.

SECOND SCHEDULE

1. The reservation and exception unto Us Our Heirs and Successors of:-
  - (a) all Gold and Mines of Gold 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 same;
  - (b) 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
  - (c) 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.

2. Notification in Government Gazette dated 28-7-1978 Folio 3195: Easement for transmission line affecting the land shown so burdened in the plan hereon.

PART

DP 294285

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

WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM THE REGISTRAR GENERAL'S OFFICE

(Page 1) Vol. 14090 Fol. 23

540-1507

GRM

AA



AN GRANT

NEW SOUTH WALES



14090049

No. 52209



CANCELLED

Vol. 14090... Fol. 49  
Registered 15-4-1980

Auto. Consol 14090-49  
SEE AUTO FOLIO

Registrar General

(Page 1) Vol. 14090 Fol. 49

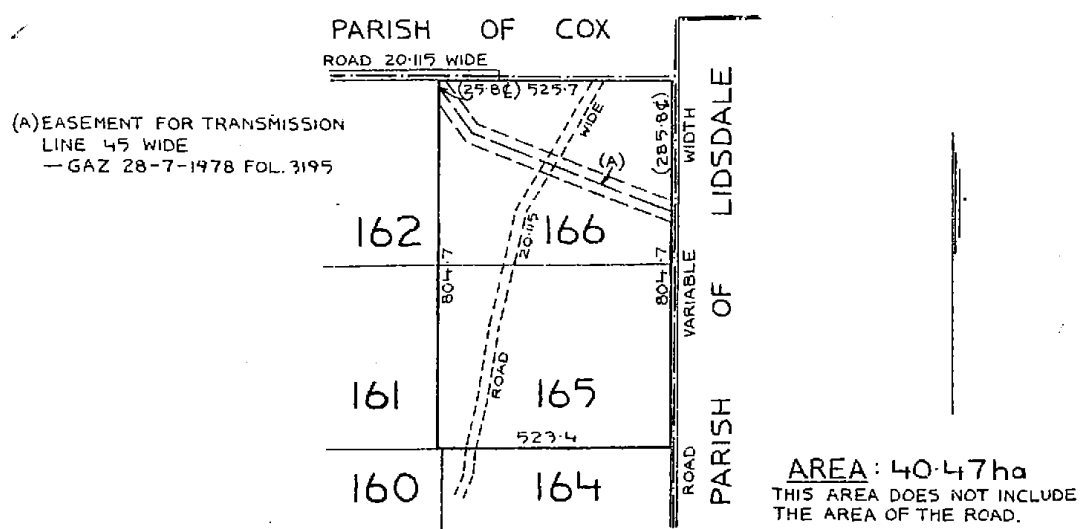
We, Elizabeth the Second, by the Grace of God Queen of Australia and Her other Realms and Territories, Head of the Commonwealth, do hereby grant to the person described in the First Schedule an Estate in Fee Simple in the land within described, subject nevertheless to such reservations, conditions and other provisions as are shown in the Second Schedule. 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 second day of April in the twenty ninth year of Our Reign and in the year of Our Lord one thousand nine hundred and eighty.

A. A. Butler  
Governor



PLAN SHOWING LOCATION OF LAND  
LENGTHS ARE IN METRES



REDUCTION RATIO 1:12500

LAND REFERRED TO

Portions 165 and 166 in the City of Greater Lithgow Parish of Falmash and County of Cook. EXCEPTING THEREFROM the road 20.115 metres wide shown in the plan hereon.

FIRST SCHEDULE

~~THE COMMONWEALTH PORTLAND CEMENT COMPANY LIMITED.~~

SECOND SCHEDULE

1. The reservation and exception unto Us Our Heirs and Successors of:-
  - (a) all Gold and Mines of Gold 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 same;
  - (b) 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
  - (c) 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.
2. Notification in Government Gazette dated 28-7-1978 Folio 3195: Easement for transmission line affecting the land shown so burdened in the plan hereon.

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

WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM THE REGISTRAR GENERAL'S OFFICE



Form: 01T  
Release: 3.5  
www.lands.nsw.gov.au

15

# TRANSFER

New South Wales  
Real Property Act 1900



## AE723280G

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

### STAMP DUTY

Office of State Revenue use only	NSW Treasury
	Client No: 2809043 556
	Duty: \$10- Trans No: 5431328
	Asst details:

(A) **TORRENS TITLE** SEE ANNEXURE "A"

(B) <b>LODGED BY</b>	Document Collection Box 47 V	Name, Address or DX, Telephone, and LLPN if any LLPN H.M. Allen & Co. 123012 E DX 437 Sydney Ph 9232 3652	<b>CODES</b> T JT TJ TW
		Reference: CC	

(C) **TRANSFEROR** VALLAIRE PTY LIMITED ACN 066 752 387

(D) **CONSIDERATION** The transferor acknowledges receipt of the consideration of \$ 6,000,000.00 and as regards

(E) **ESTATE** the above land transfers to the transferee an estate in fee simple

(F) **SHARE TRANSFERRED**

(G) Encumbrances (if applicable):

(H) **TRANSFeree** IVANHOE COAL PTY LIMITED ACN 064 237 154

(I) **TENANCY:**

DATE 28 May 2009

OFF X AE 536140.

CERCEPT 101/1137922.

(J) Certified correct for the purposes of the Real Property Act 1900 and executed on behalf of the corporation named below by the authorised person(s) whose signature(s) appear(s) below pursuant to the authority specified.

Corporation: VALLAIRE PTY LIMITED ACN 066 752 387  
Authority: section 127 of the Corporations Act 2001

Signature of authorised person: *Denise Whalan*  
Name of authorised person: DENISE GAY WHALAN  
Office held: SECRETARY / DIRECTOR

Signature of authorised person: *Robert Whalan*  
Name of authorised person: ROBERT CHARLES WHALAN  
Office held: DIRECTOR

Certified correct for the purposes of the Real Property Act 1900 by the person whose signature appears below.

Signature: *Kylie Suzanne Watts*

Signatory's name: KYLIE SUZANNE WATTS  
Signatory's capacity: transferee's solicitor

AE 536140

ANNEXURE "A" TO TRANSFER

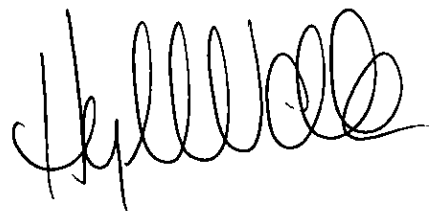
Parties:

VALLAIRE PTY LIMITED ACN 066 752 387 (TRANSFEROR) AND IVANHOE COAL PTY LIMITED ACN 064  
237 154 (TRANSFeree)

Dated

(A) TORRENS TITLE

164/751651, 16/751651, 174/751651, 232/751651, 351/751651, 375/751651, 385/751651,  
400/751651, 4/1088207, 2/567915, 1/406694, 37/658181, 2/596248, 1/120399 & 101/1137972



Form: 01T  
Release: 6.3

**TRANSFER**  
New South Wales  
Real Property Act 1900



**AQ484128R**

PRIVACY NOTE: Section 31B of the Real Property Act 1900 (RP Act) authorise required by this form for the establishment and maintenance of the Real Proppe the Register is made available to any person for search upon payment of a fee, if any.

**STAMP DUTY** Insert Duties Assessment No. as issued by Revenue NSW Office.  
Duties Assessment No. 9807525-002

(A) **TORRENS TITLE** See Annexure A

(B) **LODGED BY**

Document Collection Box	Name, Address or DX, Telephone, and Customer Account Number if any	CODES
390G	SPECTRUM CLIENT SOLUTIONS 131455N	T
	Email:	TW
	Reference: TG-4262270	

(C) **TRANSFEROR** EnergyAustralia NSW Pty Ltd ACN 163 935 635 ✓

(D) **CONSIDERATION** The transferor acknowledges receipt of the consideration of \$ 10.00 and as regards

(E) **ESTATE** the abovementioned land transfers to the transferee an estate in fee simple

(F) **SHARE TRANSFERRED** 100

(G) **ENCUMBRANCES** Encumbrances (if applicable):

(H) **TRANSFeree** Greenspot Wallerawang Pty Ltd ACN 638 661 480 ✓

(I) **TENANCY:**

DATE 15 September 2020

(J) Certified correct for the purposes of the Real Property Act 1900 and executed on behalf of the company named below by the authorised person(s) whose signature(s) appear(s) below pursuant to the authority specified.  
Company: EnergyAustralia NSW Pty Ltd ACN 163 935 635  
Authority: See Annexure A for execution - P2

Signature of authorised person: \_\_\_\_\_ Signature of authorised person: \_\_\_\_\_  
Name of authorised person: \_\_\_\_\_ Name of authorised person: \_\_\_\_\_  
Office held: \_\_\_\_\_ Office held: \_\_\_\_\_

Certified correct for the purposes of the Real Property Act 1900 on behalf of the transferee by the person whose signature appears below.

Signature: \_\_\_\_\_  
Signatory's name: See Annexure A for execution  
Signatory's capacity: \_\_\_\_\_

(K) The transferee's solicitor certifies that the eNOS data relevant to this dealing has been submitted and stored under eNOS ID No. 2141862 Full name: JUSTIN MADDEN Signature: *Justin Madden*

**This is Annexure A to the Transfer between EnergyAustralia NSW Pty Ltd ACN 163 935 635 (Transferor) and Greenspot Wallerawang Pty Ltd ACN 638 661 480 (Transferee)**

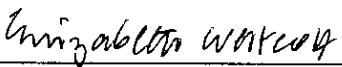
**(A) TORRENS TITLE**

Folio identifiers 1/443235, 1/1018958, 1/1131955, 1/1181412, 1/1196274, 2/1018958, 2/1131955, 2/1181412, 3/1018958, 3/778400, 3/1087684, 3/1181412, 4/1087684, 4/1016725, 3/1226927, 4/778400, 4/1226927, 6/1016725, 7/1016725, 8/1016725, 10/1139978, 11/1139978, 32/827807, 100/1043966, 171/1131952, 171/1431959, 228/1131953, 231/622326, C/394440, D/394440 and E/394440.

**(J) EXECUTION**

Certified correct for the purposes of the Real Property Act 1900 and executed on behalf of the company named below by the authorised person(s) whose signature(s) appear(s) below pursuant to the authority specified.

**Executed by EnergyAustralia NSW Pty Ltd  
ACN 163 935 635** in accordance with section  
127 of the *Corporations Act 2001* (Cth):

  
\_\_\_\_\_  
Director  
  
Elizabeth Westcott

  
\_\_\_\_\_  
~~Director~~ Company Secretary  
  
EVELYN HARRIS

\_\_\_\_\_  
Name of Director  
BLOCK LETTERS

\_\_\_\_\_  
Name of ~~Director~~ Company Secretary  
BLOCK LETTERS  
\*please strike out as appropriate

Certified correct for the purposes of the Real Property Act 1900 on behalf of the transferee by the person whose signature appears below:

  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
JUSTIN MADDEN  
Signatory's name

\_\_\_\_\_  
Solicitor  
Signatory's capacity

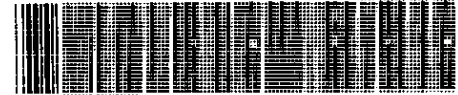
**THOMSON GEER**  
LAWYERS

Level 14, 60 Martin Place  
Sydney NSW 2000 Australia

GPO Box 3909 Sydney NSW 2001  
DX 69 Sydney

T +61 2 8248 5800  
F +61 2 8248 5899

Our ref JM:4262220



**AQ484128R-L01**

**By Hand**

15 September 2020

Registrar General  
NSW Land Registry Services  
Level 30, 175 Liverpool Street  
SYDNEY NSW 2000

Dear Sir/Madam

**Greenspot Wallerawang Pty Ltd ACN 638 661 480 – Removal of Caveats AP889881, AP889884 and AP889886**  
**Land: Refer to Annexure**

We act for Greenspot Wallerawang Pty Ltd ACN 638 661 480, the Caveator under Caveats AP889881, AP889884 and AP889886 affecting the Land.

The above Caveats were lodged in order to protect the Caveator's equitable interest as purchaser of the Land under a contract for sale dated 30 January 2020, and should be removed from the titles upon registration of the **enclosed** Transfer in respect of the Land.

If you require any additional information please contact our office.

Yours sincerely

**Justin Madden**  
Partner  
T +61 2 8248 5805  
M 0414 325 377  
E [jmadden@tglaw.com.au](mailto:jmadden@tglaw.com.au)

encl

**Annexure**

**The Land for Caveat AP889881**

Folio Identifier 1/1196274

**The Land for Caveat AP889884**

Folio Identifiers 7/1016725, 3/1018958, 4/1226927, 231/622326, 4/1087684, 6/1016725, 1/443235,  
4/778400, 8/1016725, 2/1018958, 1/1181412, 3/1226927, 32/827807, 2/1181412, 3/1181412, 3/778400  
and 4/1016725

**The Land for Caveat AP889886**

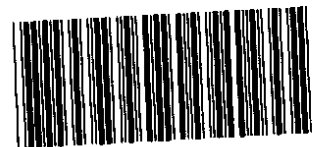
Folio Identifiers 11/1139978, 171/1131952, 1/1131955, 3/1087684, D/394440, 100/1043966, 10/1139978,  
171/1131959, 228/1131953, 1/1018958, C/394440, E/394440 and 2/1131955

97-01T



# TRANSFER

Real Property Act, 1900



0  
114516 A



Office of State Revenue only  
OFFICE OF STATE REVENUE  
STAMP DUTY (N.S.W. TREASURY) P60  
DUTY \$ 40, 490.<sup>00</sup>  
1ST REC NO 40/340611

(A) **LAND TRANSFERRED**

Show no more than 20 References to Title.  
If appropriate, specify the share transferred.

SEE ANNEXURE HERETO  
*over*

(B) **LODGED BY**

L.T.O. Box  925S  404	Name, Address or DX and Telephone <b>NATIONAL AUSTRALIA BANK LIMITED</b> GREGORY J. HALPIN Solicitor 265 George Street, Sydney DX 11018 CARINGBAH TEL: 525 8288 237 1111 FAX 237 1284  REFERENCE (max. 15 characters) ASA 95 4119303
-----------------------------------	--

(C) **TRANSFEROR**

ARNOLD C. WHALAN PTY. LIMITED ACN 000 983 568

(D) acknowledges receipt of the consideration of \$950,000.00

and as regards the land specified above transfers to the Transferee an estate in fee simple

(E) subject to the following **ENCUMBRANCES** 1. .... 2. .... 3. ....

(F) **TRANSFEEE**

T	VALLAIRE PTY. LIMITED ACN 066 752 387 as Trustee of the FRIDLAND TRUST
	S

(G)

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

DATED 7<sup>th</sup> February, 1995

~~Signature in presence of the Transferee who is personally known to me~~  
THE COMMON SEAL of ARNOLD C. WHALAN PTY. LIMITED )

LIMITED was hereunto affixed in the presence of: )

~~Signature of Witness~~  
*Jean E. Whalan*  
~~Name of Witness (BLOCK LETTERS)~~  
Secretary

*Arnold C. Whalan*  
Director  
~~Signature of Transferee~~  
21.11.94

~~Signature in presence of the Transferee who is personally known to me~~  
THE COMMON SEAL of VALLAIRE PTY. LIMITED )

was hereunto affixed in the presence of: )

~~Signature of Witness~~  
*Whalan*  
~~Name of Witness (BLOCK LETTERS)~~  
Secretary

*Denise Whalan*  
Director  
~~Signature of Transferee~~  
21.11.94

INSTRUCTIONS FOR FILLING OUT THIS FORM ARE AVAILABLE FROM THE LAND TITLES OFFICE

CHECKED BY (office use only) A  
28

ANNEXURE

CERTIFICATES OF TITLE

Folio Identifier 16/751651,<sup>x</sup> Volume 13757 Folio 86<sup>x</sup> (now being Folio Identifier 2/596248), Volume 13757 Folio 87,<sup>x</sup> Volume 9936 Folio 90<sup>x</sup> (now being Folio Identifier 174/751651), Volume 5681 Folio 43,<sup>x</sup> Volume 1148 Folio 239<sup>x</sup> (now being Folio Identifier 1/912629), Volume 1018 Folio 197<sup>x</sup> (now being Folio Identifier 2/912629), Volume 676 Folio 130<sup>x</sup> (now being Auto-Consol 676-130), Volume 112 Folio 88<sup>x</sup> (now being Folio Identifier 218/751651), Volume 107 Folio 170<sup>x</sup> (now being Folio Identifier 219/751651), Volume 7632 Folio 34<sup>x</sup> (now being Folio Identifier 1/406694), Volume 1061 Folio 141<sup>x</sup> (now being Folio Identifier 232/751651), Volume 1019 Folio 19<sup>x</sup> (now being Folio Identifier 351/751651), Folio Identifier 2/567915,<sup>x</sup> Volume 1061 Folio 142<sup>x</sup> (now being Folio Identifier 375/751651), Volume 1019 Folio 21<sup>x</sup> (now being Folio Identifier 385/751651) and Volume 1061 Folio 143<sup>x</sup> (now being Folio Identifier 400/751651).

*Arnold B Whalan*  
.....  
Director of Transferor

*Denise Whalan*  
.....  
Director of Transferee

*Jean E Whalan*  
.....  
Secretary of Transferor

*Whalan*  
.....  
Secretary of Transferee

13757-87  
5681-43

97-011



# TRANSFER

Real Property Act, 1900



U  
546677 N



Office of State Revenue use only

OFFICE OF STATE REVENUE  
STAMP DUTY (N.S.W. TREASURY) P12  
ISSUES DATE 2-00 1ST REC NO 401261259

SEE ANNEXURE HERETO

(A) **LAND TRANSFERRED**

Show no more than 20 References to Title.  
If appropriate, specify the share transferred.

(B) **LODGED BY**

L.T.O. Box <i>644W</i>	Name, Address or DX and Telephone <b>NORTON SMITHE'S</b>
REFERENCE (max. 15 characters): <i>LLF 941512</i>	

(C) **TRANSFEROR**

BLUE CIRCLE SOUTHERN CEMENT LIMITED  
ACN 008 421 761

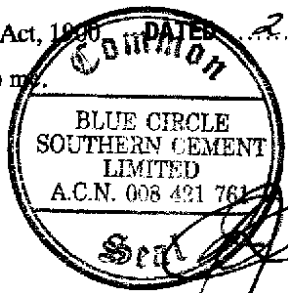
(D) acknowledges receipt of the consideration expressed in the Asset Sale Agreement between the Transferor, the Transferee and others dated 27 May 1994.

(E) subject to the following **ENCUMBRANCES** 1. .... 2. .... 3. ....

(F) **TRANSFEEE**

<b>T</b>	<b>IVANHOE COAL PTY LIMITED ACN 064 237 154</b> <b>Level 8, 140 Sussex Street, Sydney.</b>
<b>TE</b>	<b>TENANCY:</b> <i>S</i>

(H) We certify this dealing correct for the purposes of the Real Property Act, 1900.  
Signed in my presence by the Transferor who is personally known to me.



DATE: *29th June, 1994*

THE COMMON SEAL OF BLUE CIRCLE SOUTHERN

Signature of Witness

CEMENT LIMITED ACN 008 421 761 was hereunto

Name of Witness (BLOCK LETTERS)

affixed by authority of its Board of

Address of Witness

Directors in the presence of:

*[Signature]* Secretary

Signed in my presence by the Transferee who is personally known to

Signature of Transferor Director

Signature of Witness

Name of Witness (BLOCK LETTERS)

Address of Witness

Signature of Transferee's Solicitor

P C Reid

CHECKED BY (office use only)

*035*

INSTRUCTIONS FOR FILLING OUT THIS FORM ARE AVAILABLE FROM THE LAND TITLES OFFICE

This is the Annexure to the Transfer between BLUE CIRCLE SOUTHERN CEMENT LIMITED ACN 008 421 761 (as Transferor) and IVANHOE COAL PTY LIMITED ACN 064 237 154 (as Transferee) dated the 24th day of June 1994

**Land Transferred**

*APR 108*

Volume 14090 Folio 21

180/751638

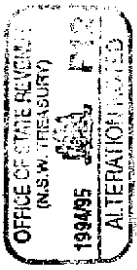
162/751638

Volume 14090 Folio 49

Volume 14090 Folio 22

Volume 14083 Folio 239

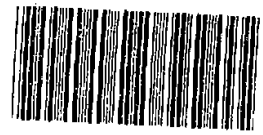
139/1340



NOW BEING Auto-consol 14083-239.

*APR 108*

RP 13 STAMP DUTY



Y660370

**TRANSFER**  
 REAL PROPERTY ACT, 1900

T 3/1 of X  
 \$ 24 R.11

DESCRIPTION OF LAND Note (a)	Torrens Title Reference	If Part Only. Delete Whole and Give Details	Location
	VOLUME 14090 FOLIO 23 <sup>NEW</sup>	102/751038 WHOLE	GREATER LITHGOW
	14090	49	GREATER LITHGOW
	14090	22	GREATER LITHGOW
	14083	239	GREATER LITHGOW
	FOLIO IDENTIFIER 2/710011		PORTLAND
		7/749909	PORTLAND
		6/749908	PORTLAND
		5/749907	PORTLAND

TRANSFEROR Note (b)  
**COMMONWEALTH PORTLAND CEMENT COMPANY PTY LIMITED, 1 McLAREN STREET, NORTH SYDNEY**

ESTATE Note (c)  
 (the abovenamed TRANSFEROR) hereby acknowledges receipt of the consideration of \$ the terms of a Deed made the 14th day of July 1989 and transfers an estate in fee simple in the land above described to the TRANSFEREE

TRANSFEE Note (d)  
**BLUE CIRCLE SOUTHERN CEMENT LIMITED, 1 McLAREN STREET, NORTH SYDNEY**

TENANCY Note (e)  
 as joint tenants/tenants in common

OFFICE USE ONLY  
 S

PRIOR ENCUMBRANCES Note (f)  
 subject to the following PRIOR ENCUMBRANCES 1. See annexure hereto  
 2. 3.

DATE 10. 9. 89

The COMMON SEAL of **COMMONWEALTH PORTLAND CEMENT COMPANY PTY LIMITED** was affixed hereto in the presence of:

EXECUTION Note (g)  
 Signed in my presence by the transferor who is personally known to me

*[Signature]*  
 Name of Witness (BLOCK LETTERS)  
**JAMES JUAN WHITFIELD**  
 1 McLAREN St NORTH SYDNEY  
 Address and occupation of Witness  
**COMPANY SECRETARY**

*[Signature]*  
 Name of Transferor  
**Director**  
*[Signature]*  
 Name of Witness  
**Secretary**

Note (g)  
 Signed in my presence by the transferee who is personally known to me

Signature of Witness  
 Name of Witness (BLOCK LETTERS)  
 Address and occupation of Witness

*[Signature]*  
**JOHN ROYAN SMITH**  
 1 McLAREN ST  
 NORTH SYDNEY  
 Solicitor for ~~XXXXXX~~ Transferee

TO BE COMPLETED BY LODGING PARTY  
 Notes (h) and (i)

LODGED BY <b>J.K. SMITH,          SOLICITOR,          1 McLAREN STREET,          NORTH SYDNEY 2060.          DX 10550 NORTH SYDNEY          Delivery Box Number 4Q</b>	LOCATION OF DOCUMENTS	
	CT <input checked="" type="checkbox"/> OTHER	Produced by
Checked <i>[Signature]</i>	Passed	REGISTERED -19
Signed <i>[Signature]</i>	Extra Fee	Secondary Directions
		Delivery Directions <b>CT 4Q J.K. Smith, Solicitor          1. McLaren St          North Sydney. 2060</b>

ANNEXURE

To a Transfer between **COMMONWEALTH PORTLAND CEMENT COMPANY PTY LIMITED** Transferor and **BLUE CIRCLE SOUTHERN CEMENT LIMITED** dated 14 September 1989.

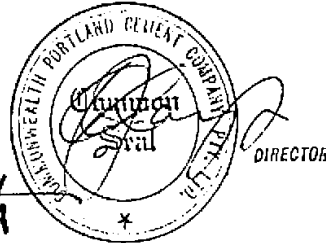
Prior Encumbrances:

- |           |           |    |   |
|-----------|-----------|----|---|
| Vol 14090 | Folio 23  | A. | Reservations of:  |
|           | Folio 49  |    | 1. Gold and Mines of Gold   |
|           | Folio 22  |    | 2. Parts as may be required for public ways                       |
| Vol 14083 | Folio 239 |    | 3. The right of ingress egress and regress for the above purposes |
|           |           | B. | Easement for Transmission Line                                    |

Folio Identifiers:

- |          |    |   |
|----------|----|---|
| 2/710011 | 1. | DP614670 Right of Carriageway   |
|          | 2. | DP614670 Easement to Drain Sewage   |
|          | 3. | DP614670 Easement to drain water  |
| 6/749908 |    | Subject to S604 Local Government Act 1919 affecting part                  |
| 5/749907 |    | Reservations in favour of Crown - see Crown Grant and Memorandum S700000A |

The COMMON SEAL of COMMONWEALTH )  
PORTLAND CEMENT COMPANY PTY )  
LIMITED was affixed hereto in )  
the presence of: )



*[Handwritten Signature]*  
Secretary

~~Secretary for Transferee~~  
JOHN KEVIN SMITH  
1 McLaren Street,  
NORTH SYDNEY 2060.

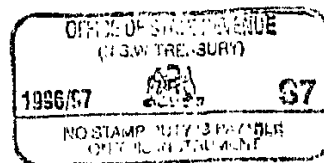












THIS DEED is made the 11 day of JUNE 1997 between the following parties:

1. PACIFIC POWER (formerly known as The Electricity Commission of New South Wales) being a corporation established under the Electricity (Pacific Power) Act 1950 of Cnr Park and Elizabeth Streets, Sydney, New South Wales ("Pacific Power") of the one part; and
2. DELTA ELECTRICITY being a statutory State owned corporation constituted by the Energy Services Corporations Act 1995 of 201-217 Elizabeth Street, Sydney, New South Wales ("Delta Electricity") of the other part.

**RECITALS:**

- A. Pacific Power is the registered owner of the lands comprised in the Schedule hereto.
- B. Pursuant to the Energy Services Corporations (Transfer of Pacific Power's Assets) Order 1996 made under Clause 3 of Schedule 5 to the Energy Services Corporations Act 1995 the lands comprised in the Schedule hereto were vested in Delta Electricity and to give effect to this change of ownership the parties have executed the within conveyance.

Handwritten signature or initials in the bottom right corner of the page.


**OPERATIVE PROVISION:**

Pacific Power pursuant to the said Order does hereby as beneficial owner convey unto Delta Electricity in fee simple lands comprised in the Schedule hereto.

**SCHEDULE**

The lands conveyed in the belowmentioned fifteen conveyances.

1. No 601 Book 3246 ✓
2. No 24 Book 3337 ✓
3. No 675 Book 3323 ✓
4. No 26 Book 3337 ✓
5. No 710 Book 3546 ✓
6. No 219 Book 3282 ✓
7. No 495 Book 2999 ✓
8. No 170 Book 3525 ✓
9. No 998 Book 3517 ✓
10. No 706 Book 3535 ✓
11. No 701 Book 2541 ✓
12. No 974 Book 2616 ✓
13. No 642 Book 2401 ✓
14. No 80 Book 3346 ✓




15. No 25 Book 3337

EXECUTED as a deed.

SIGNED for and on behalf of  
PACIFIC POWER  
by me NEVILLE RAYMOND MARKS  
Acting Secretary of the said  
corporation to whom  
authority in that behalf  
has been delegated  
by the said corporation  
in the presence of:

)


  
.....  
Neville Raymond Marks

  
.....  
Witness

REGISTERED IN THE  
LAND TITLES OFFICE  
BOOK 4169 No. 195  
17 JUN 1997



LP 426





PLAN FORM 2

SIGNATURES, STAMPS AND STATEMENTS OF intention to dedicate public roads or to create public reserves, drainage reserves, easements, restrictions on the use of land or positive covenants.

SIGNED FOR TRANSGRID BY  
 L.G. SMYTH, ITS GENERAL  
 MANAGER. BUSINESS RESOURCES  
 WHOM IT HAS AUTHORIZED  
 FOR THE PURPOSE

GENERAL MANAGER BUSINESS RESOURCES

Signed For Delta Electricity By  
 Stephen Salome, General Manager  
 Delta Electricity, Whom It Has Authorized For  
 The Purpose: Deceased Under Power Of  
 Delegation Registered No: 997 Book  
 4314

STEPHEN SALOME  
 General Manager DELTA ELECTRICITY

TABLE OF SHORT LINES AND CURVES

No	BEARING	DIST.	RADIUS	CHORD
1	166° 19' 30"	78.5		
2	153° 02' 00"	80.47		
3	136° 53' 50"	80.47		
4	120° 45' 40"	80.47		
5	106° 05' 00"	39.44		
6	97° 52' 45"	79.16		
7	69° 09' 35"	514.08	583.4	532.36
8	22° 37' 10"	19.105		
9	37° 30' 30"	80.09		
10	29° 54' 50"	52.95		
11	37° 43' 30"	51.42		
12	99° 07' 30"	89.875		

SCHEDULE OF REFERENCE MARKS

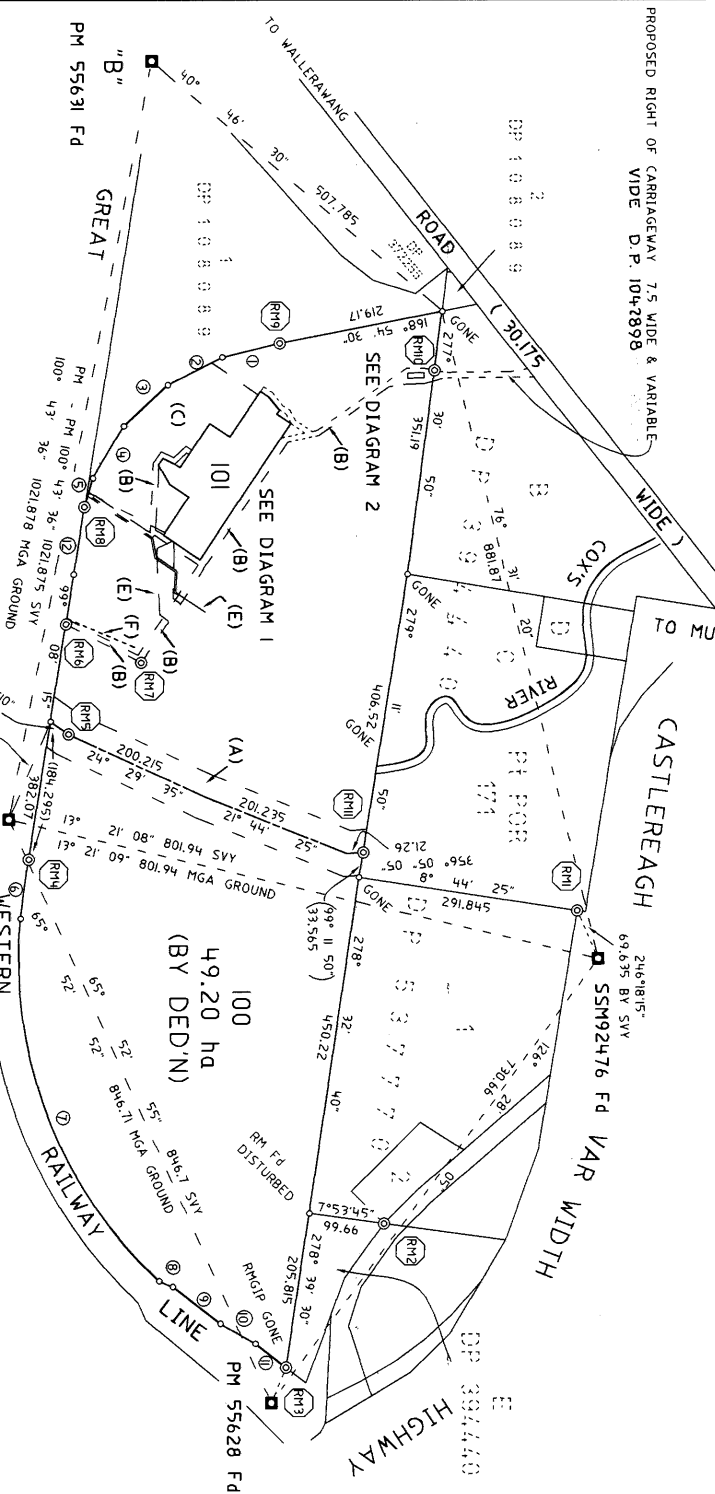
No	TYPE	BEARING	DIST	ORIGIN
1	CON.BCK	279° 18' 20"	3	DP 242515
2	G.I.P	187° 56' 00"	2.01	DP 537770
3	PH55628	239° 51' 00"	51.075	DP 108958
4	G.I.P	8° 30' 30"	0.455	DP 394440
5	DH&W	256° 00' 00"	11.08	PLACED
6	DH&W	27° 14' 00"	4.27	PLACED
7	DH&W	304° 29' 00"	2.5	PLACED
8	G.I.P	286° 05' 00"	2.355	DP 394440
9	DH&W	337° 25' 00"	11.15	PLACED
9	G.I.P	78° 54' 30"	0.455	DP 394440
10	DH&W	216° 27' 25"	17.335	PLACED
11	DH&W	330° 26' 30"	18.375	PLACED

SURVEY PRACTICE REGULATIONS 2001 : CLAUSE 32(2)

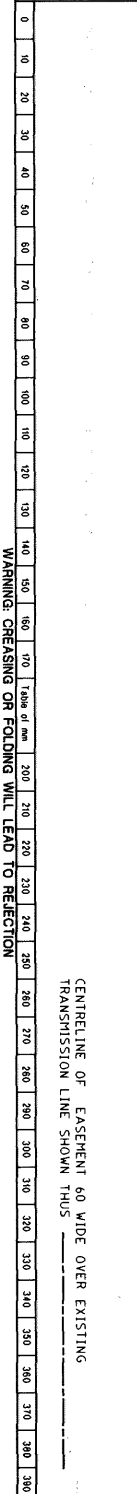
MARK	EASTING	NORTHING	CLASS	ORDER
PM 55628	229727.028	630026.881	B	U
PM 55630	228949.950	629916.760	B	U
PM 55631	227945.556	630006.028	B	U
SSH 92476	229255.221	630049.310	B	U

SOURCE: GDA94 MGA CO-ORDINATES ADAPTED FROM SCIS ON 19/09/2001  
 (COMBINED SCALE & SEA LEVEL CORRECTION=1.000371)

PROPOSED RIGHT OF CARRIAGEWAY 7.5 WIDE & VARIABLE WIDE D.P. 104-898



- (A) - EASEMENT FOR TRANSMISSION LINE 60 WIDE  
 (B) - RIGHT OF CARRIAGEWAY 3.5, 7 & VARIABLE  
 (C) - EASEMENT FOR TRANSMISSION LINE OUTLETS VAR WIDTH  
 (D) - EASEMENT FOR CABLES VARIABLE WIDTH  
 (E) - EASEMENT FOR ELECTRICITY PURPOSES OVER EXISTING LINES OF CONDUITS ( APPROX. POSITION )  
 (F) - EASEMENT FOR WATERMAIN OVER EXISTING LINE OF PIPES ( APPROX. POSITION )



Registered DP1043966 # 24 6 2007

SEE CERTIFICATE

TORRENS SUBDIVISION

U1097 25

4/874 25

DP 394440

PLAN OF SUBDIVISION OF LOT A DP 394440

LGA: WALLERAWANG

Locality: WALLERAWANG

Parish: LIDSDALE

County: COOK

This is sheet 1 of my plan in 3 sheets (delete if inapplicable)

SUBREGISTRAR GENERAL

GREGORY JRETON GIBSON

at JERRARD, NEWTON, RICHMOND, PT. LTD.

F.O. BOX 282, RICHMOND, NSW, 2153

A survey registered under the Survey Act 1981, made by me or under my supervision, in accordance with the Survey Act 1981 and the Survey Regulations 2001 and was completed on 01/03/2002. The survey relates to LOT 10A & EASEMENTS 1.01-100 (PARTIAL), COMPLETE.

1/02/2002

Signature: *Gregory Jreton Gibson* Date: 10/05/2002

Survey registered under the Survey Act 1981

Dean Lee of Arden (M 25620 - PM 55632)

Plans used in preparation of survey/computation

DP 108099, DP 242515, DP 394440, DP 537770, DP 847172, DP 108958, M 1656-3100, M 17588-1403

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

PURSUANT TO SECTION 88B OF THE CONVEYANCING ACT, 1998, AS AMENDED, IT IS INTENDED TO CREATE :-

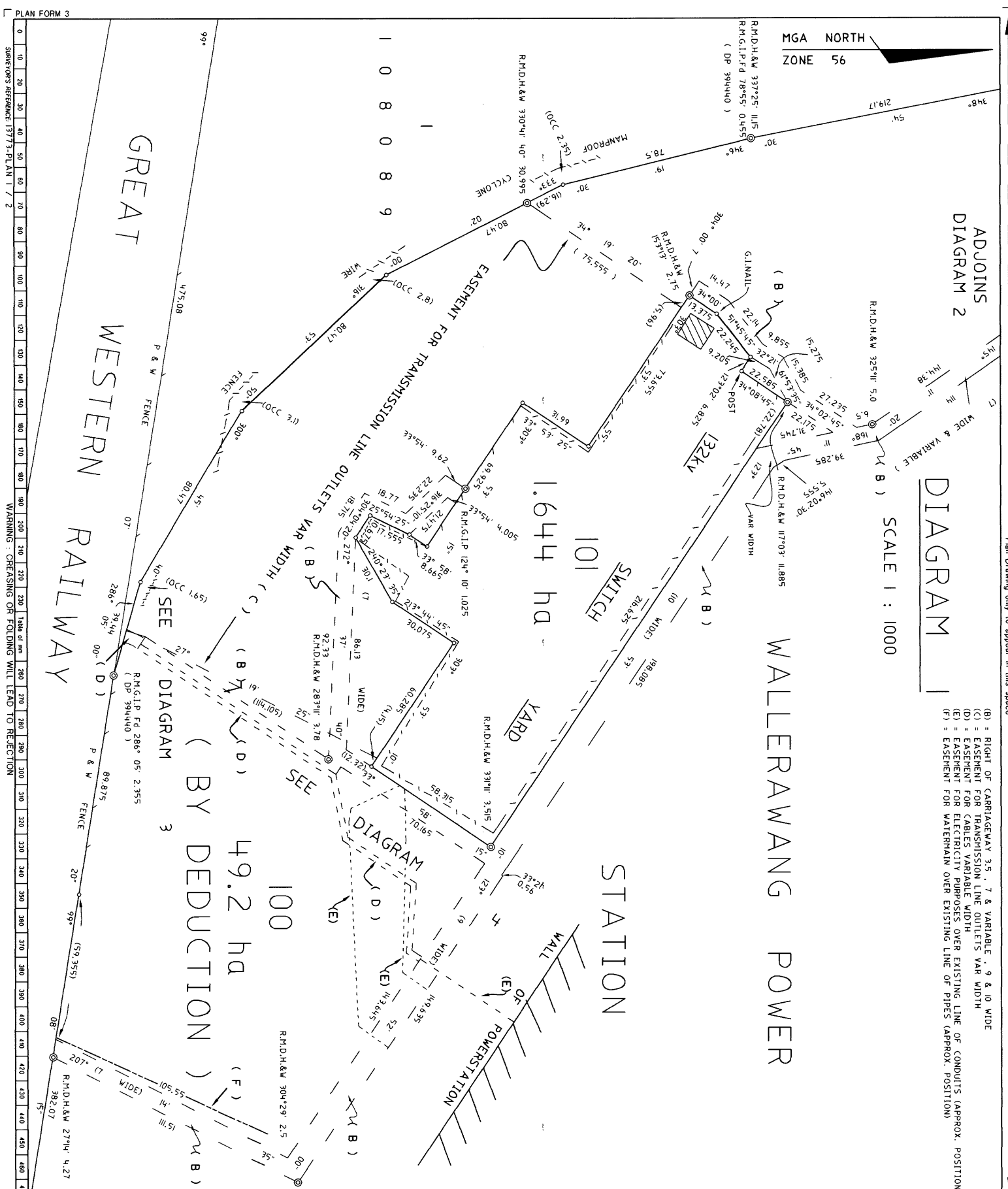
- EASEMENT FOR TRANSMISSION LINE 60 WIDE (A)
- EASEMENT FOR TRANSMISSION LINE OUTLETS VAR WIDTH (C)
- EASEMENT FOR CABLES VAR WIDTH (D)
- EASEMENT FOR ELECTRICITY PURPOSES OVER EXISTING LINE OF CONDUITS (E)
- EASEMENT FOR WATERMAIN OVER EXISTING LINE OF PIPES (F)
- RIGHT OF CARRIAGEWAY 3.5 WIDE 7 WIDE & VARIABLE ( B ) AND 10 WIDE ( B )

TransGrid SURVEYING SERVICES

WALLERAWANG POWER STATION

S.I. 2001/012

P. 50322/1



Plan Drawing only to appear in this space

ADJOINS  
DIAGRAM 2

DIAGRAM 1

SCALE 1 : 1000

- (B) : RIGHT OF CARRIAGEWAY 3.5, 7 & VARIABLE, 9 & 10 WIDE
- (C) : EASEMENT FOR TRANSMISSION LINE OUTLETS VAR WIDTH
- (D) : EASEMENT FOR CABLES VARIABLE WIDTH
- (E) : EASEMENT FOR ELECTRICITY PURPOSES OVER EXISTING LINE OF CONDUITS (APPROX. POSITION)
- (F) : EASEMENT FOR WATERMAIN OVER EXISTING LINE OF PIPES (APPROX. POSITION)

DP1043966  
 24.6.2003

This is sheet 2 of my plan of 3 sheets  
 dated 01 / 03 / 2002

This is sheet 2 of the plan of 3 sheets  
 covered by my Certificate No. 14103  
 27.5.03

For use where space is insufficient in any  
 panel on Plan Form 2.

TransGrid  
 SURVEYING SERVICES

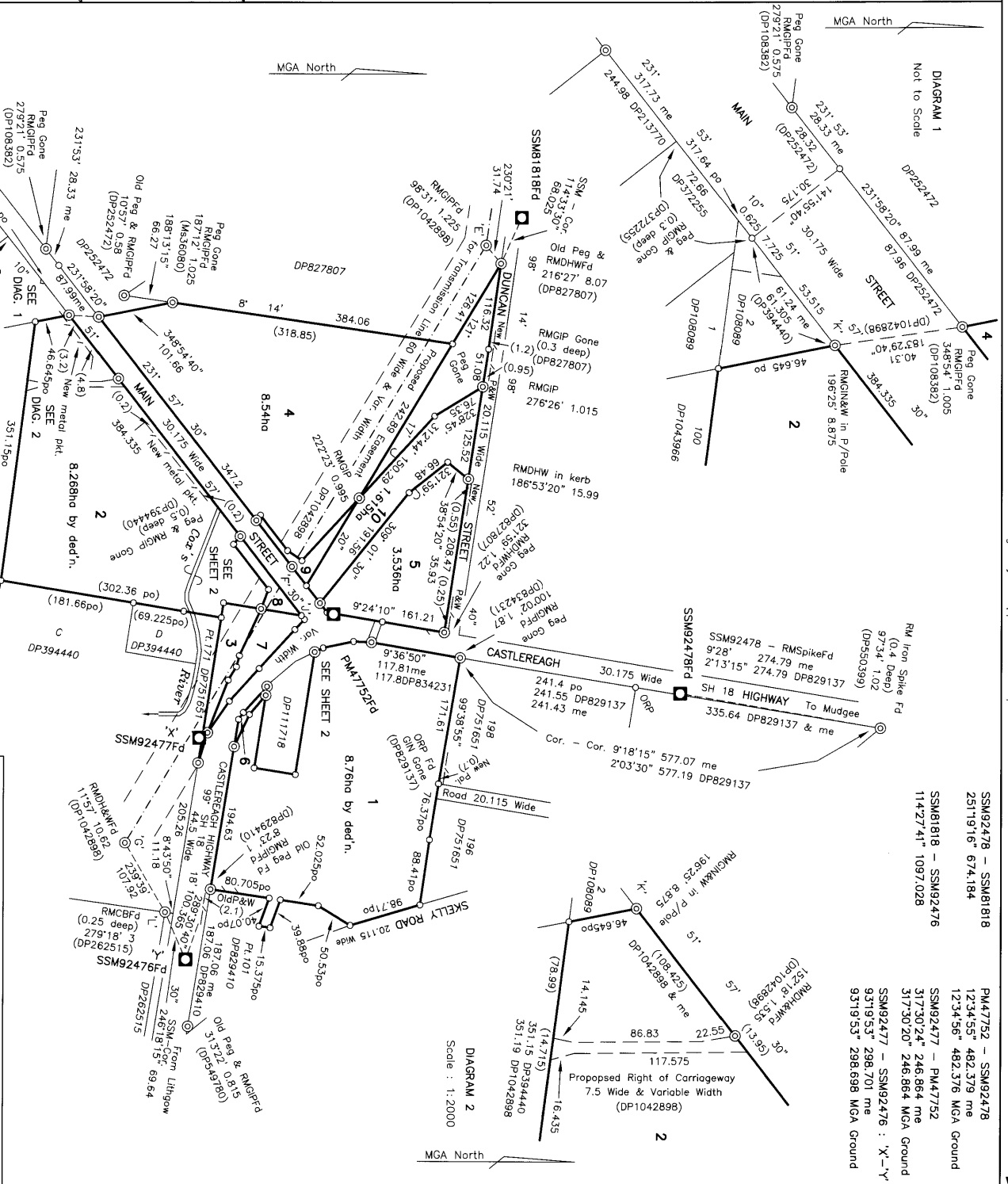
WALLERAWANG POWER STATION  
 Signed for Data Entry by  
 Stephen Salomone, General Manager  
 Western, whom it has authorized  
 for the purpose. Dated under  
 Power of Delegation for external  
 use only. Book 4814.

S1.2001/012  
 Lengths are in metres. Reduction Ratio 1/1000  
 P.50322/2



SIGNATURES AND SEALS ONLY

Plan Drawing only to appear in this space



THIS PLAN IS EXEMPT FROM SUBDIVISION CERTIFICATION PURSUANT TO A DECISION BETWEEN D.U.A.P., R.T.A. & L.P.I. NSW - SEE 1997/6 ITEM (2) - LAND IN THIS PLAN COMPRISES ONLY ROAD OR ROAD & RESIDUE.

**AUTHORISED OFFICER**  
ROADS & TRAFFIC AUTHORITY

Department of Land and Water Conservation Approval  
I, *[Signature]*, in approving this plan certify that all necessary approvals in regard to the allocation of the land shown herein have been given.

Date: 18/07/2005  
Signature: *[Signature]*

File Number: DP252472  
Office: *[Signature]*

Subdivision Certificate No. *[Signature]*  
I certify that the probers of a State of the Environmental Planning and Assessment Act 1979 have been satisfied in relation to the proposed *[Signature]*  
\* (Insert subdivision or new road) set out herein  
\* Authorised Person/General Manager/Accredited Certifier set out herein

Consent Authority: *[Signature]*  
Date of Endorsement: *[Signature]*  
Accreditation No.: *[Signature]*  
Subdivision Certificate No. *[Signature]*

Note: When the plan is to be lodged electronically in land and property information, it should include a signature in an electronic or digital form approved by the Registrar-General.  
\* Delete whichever is inapplicable

SURVEYOR'S REFERENCE: 05/08 (REFORM)

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

DIAGRAM 1  
Not to Scale

DIAGRAM 2  
Scale: 1:2000

SURVEYING REGULATION 2001: CLAUSE 32(2)

MARK	EAST	NORTH	ZONE	CLASS	ORDER
SSM92476	229 135.221	6 300 696.310	56	C	U
SSM92477	228 836.918	6 300 713.674	56	B	U
SSM92478	228 775.214	6 301 366.729	56	B	U
PM47752	228 670.095	6 300 895.764	56	B	U

SOURCE: MGA COORDINATES ADOPTED BY DEPT. LAND & PROPERTY INFORMATION N.S.W., 28 APRIL 2005  
COMBINED SCALE FACTOR = 1,000,371

Registered: *[Signature]* 21-9-2005

The System: TORRENS & OLD SYSTEM

Purpose: ROADS ACT 1993

Ref Map: U1097-2H, 5H

Last Plan: DP94440 DP827807, DP923410

**PLAN OF LAND TO BE ACQUIRED FOR THE PURPOSES OF THE ROADS ACT, 1993.**

LGA: LITHGOW CITY  
Locality: LIDSDALE  
Parish: LIDSDALE  
County: COOK

This is sheet 1 of my plan in 2 sheets.  
(Delete if inapplicable)

I, ROBERT BRUCE SLARKE  
of ANDERSON SURVEYING PTY.LTD.  
a surveyor registered under the Surveying Act 2002,  
do hereby certify that the plan and the surveying data  
thereon have been made in accordance with the  
Surveying Regulation 2001 and was completed on  
5th July 2005.

The survey relates to: Lots 1 & 2  
(here specify the land actually surveyed or specify any land shown in the plan that is not the subject of the survey)  
(Signature) *[Signature]*, R.B. Slarke, Dated: 5/7/2005  
Survey registered under Surveying Act 2002  
Datum: Line X-1 - SSM92477 - SSM92476  
Zone: Wharfedale / Madaid

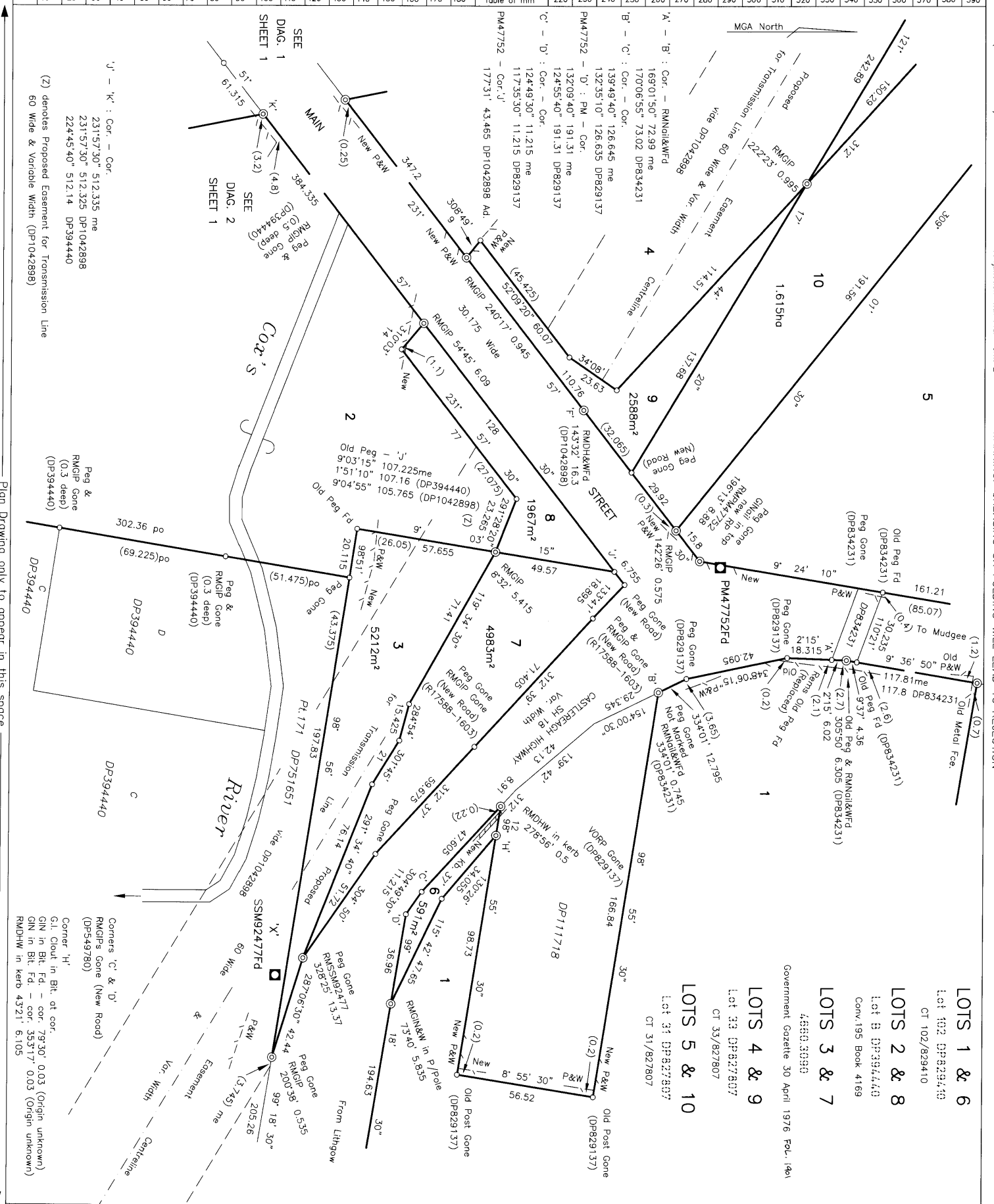
Plans used in preparation of survey/compilation:  
DP108382 DP564978 DP829410  
DP252472 DP550399 DP844311  
DP394440 DP827807 DP1042898  
DP317255 DP829157 DP1043966  
DP282515 DP108089

NOTE: FOR USE ONLY for statements of public notice to indicate public roads or to create restrictions on the use of land or positive covenants.

LOTS 6 - 10 INCLUSIVE ARE REQUIRED FOR ROAD AND AFTER CONSTRUCTION WILL BE DEDICATED AS PUBLIC ROAD UNDER SECTION 10 OF THE ROADS ACT, 1993.

APPROVED: *[Signature]*  
MANAGER PROPERTY SERVICES  
WESTERN REGION  
ROADS & TRAFFIC AUTHORITY NSW

R.T.A. FILE 18/258.150 R.T.A. PLAN 0018 258 SS 0171



SEE DIAG. 1 SHEET 1  
 SEE DIAG. 2 SHEET 1

J' - K' : Cor. - Cor.  
 231°57'30" 512.335 me  
 231°57'30" 512.325 DP1042898  
 224°45'40" 512.114 DP394440

(Z) denotes Proposed Easement for Transmission Line  
 60 Wide & Variable Width (DP1042898)

Plan Drawing only to appear in this space

Reduction Ratio 1: 1000

**LOTS 1 & 6**  
 Lot 102 DP8239410  
 CT 102/829410

**LOTS 2 & 8**  
 Lot 8 DP394440  
 Conv.195 Book 4169

**LOTS 3 & 7**  
 4883.3093

**LOTS 4 & 9**  
 Lot 33 DP827807  
 CT 33/827807

**LOTS 5 & 10**  
 Lot 31 DP827807  
 CT 31/827807

Government Gazette 30 April 1976 Fol. 16A

**DP1087684**

Registered: 21-q-2005

This is sheet 2 of my plan in 2 sheets dated 5th July 2005

**R. B. Sharpe**  
 Surveyor registered under the Surveying Act 2002

This is sheet 2 of my plan of 2 sheets covered by subdivision certificate No. \_\_\_\_\_

Authorised Person/General Manager/Accredited Certifier  
 For use where space is insufficient in any panel on Plan Form 2.

**LGA: LITHGOW CITY**  
**Locality: LIPSDALE**  
**Parish: LIPSDALE**  
**County: COOK**

RTA FILE 18/258,150  
 SURVEYOR'S REFERENCE: 05108  
 RTA PLAN 0018 258 SS 0171

**DP 1131952**

Registered:  9.10.2008

Title System: OLD SYSTEM

Purpose: LIMITED FOLIO CREATION

Ref. Map: U1097-2

Last Plan: -----

C.A. 135268

PLAN OF LAND COMPRISED IN

DEED BK. 4169 NO. 195 &  
 DEED BK. 3337 NO. 25

Lengths are in metres. Reduction Ratio - NTS

Sheet 1 of 1 sheets

L.G.A.: LITHGOW

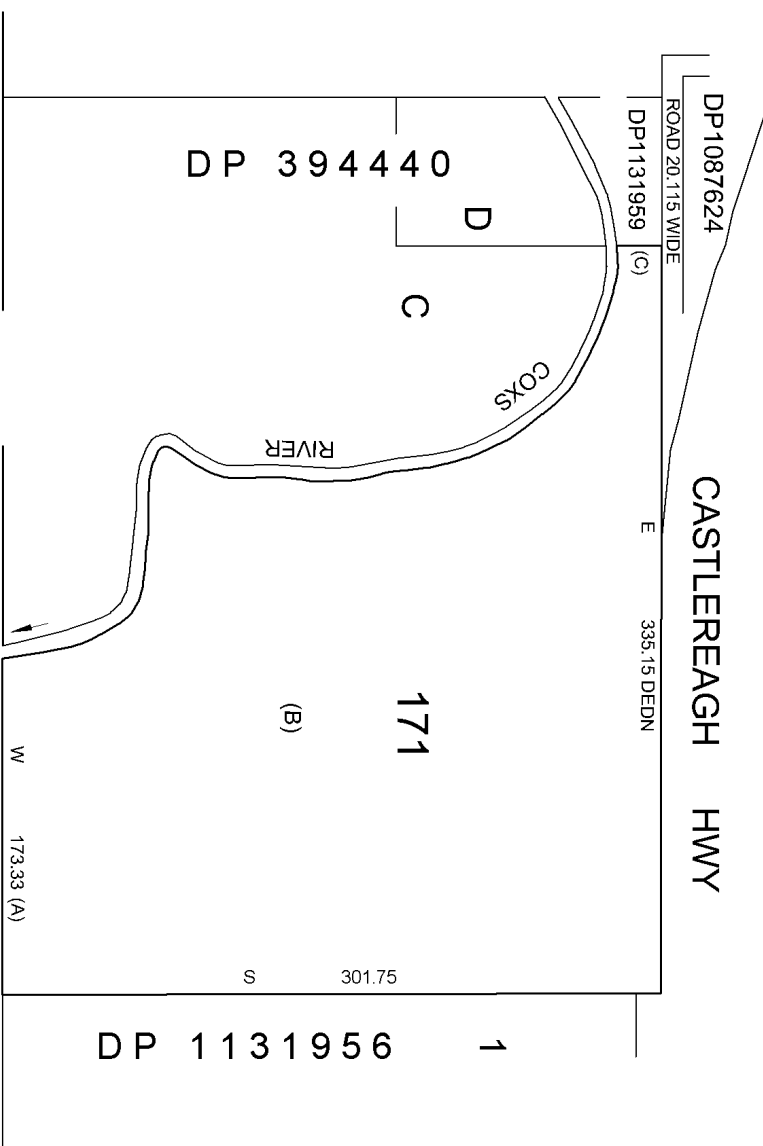
LOCALITY: WALLERAWANG

PARISH: LIDSDALE

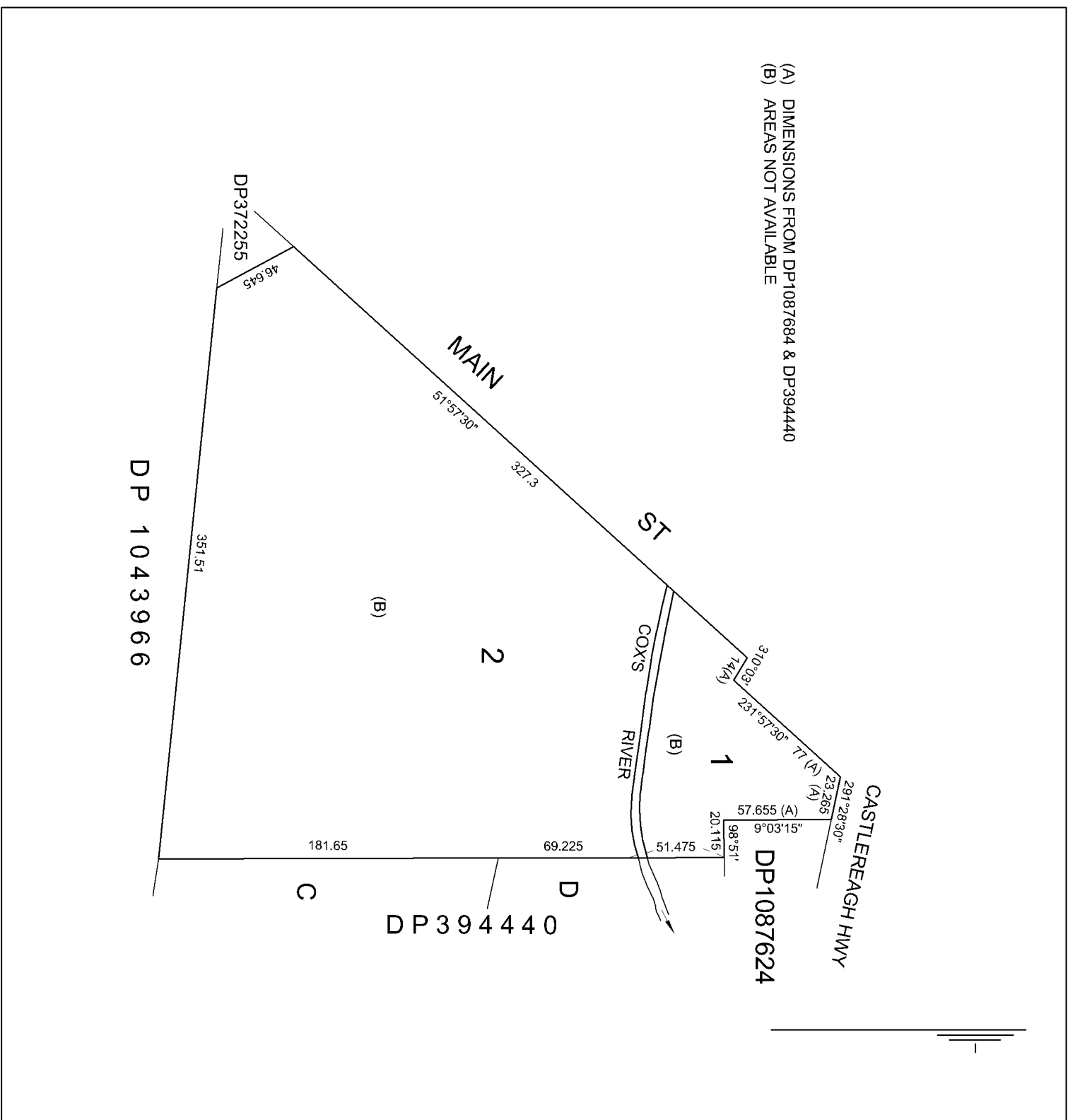
COUNTY: COOK

THIS PLAN WAS PREPARED SOLELY TO  
 IDENTIFY THE LAND IN THE ABOVE DEED  
 AND THE BOUNDARIES HAVE NOT BEEN  
 INVESTIGATED BY THE REGISTRAR GENERAL  
 THIS PLAN IS NOT A CURRENT PLAN IN TERMS OF  
 S.7A CONVEYANCING ACT 1919.

LPI Ref.: TC01



- (A) DIMENSION FROM DP394440
- (B) AREA NOT AVAILABLE
- (C) DEDUCTED DIMENSION NOT AVAILABLE



(A) DIMENSIONS FROM DP1087684 & DP394440  
 (B) AREAS NOT AVAILABLE

**DP 1131955**

e-departmental

Registered:  9.10.2008

Title System: OLD SYSTEM

Purpose: LIMITED FOLIO CREATION

Ref. Map: U1097-2, U1097-5

Last Plan: DP394449, DP1087684

C.A. 1 3 5 2 6 8

PLAN OF PART OF THE LAND IN

DEED BK. 4169 NO. 195 &

(DEED BK. 3337 NO. 26 (LOT 1)

(DEED BK. 2401 NO. 642 (LOT 2)

Lengths are in metres. Reduction Ratio - NTS

Sheet 1 of 1 sheets

L.G.A.: LITHGOW

LOCALITY: WALLERAWANG

PARISH: LIDSDALE

COUNTY: COOK

THIS PLAN WAS PREPARED SOLELY TO IDENTIFY THE LAND IN THE ABOVE DEED AND THE BOUNDARIES HAVE NOT BEEN INVESTIGATED BY THE REGISTRAR GENERAL. THIS PLAN IS NOT A CURRENT PLAN IN TERMS OF S.7A CONVEYANCING ACT 1919.

LPI Ref.: TCB1



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

SEARCH DATE  
-----  
22/1/2025 2:05PM

FOLIO: 2/567915  
-----

First Title(s): VOL 1019 FOL 20  
Prior Title(s): VOL 1019 FOL 20

<u>Recorded</u>	<u>Number</u>	<u>Type of Instrument</u>	<u>C.T. Issue</u>
23/3/1988	X354715	TRANSFER GRANTING EASEMENT	FOLIO CREATED EDITION 1
28/3/1995	0114515	DISCHARGE OF MORTGAGE	
28/3/1995	0114516	TRANSFER	
28/3/1995	0114517	MORTGAGE	EDITION 2
12/5/1995	0188602	REQUEST	
18/1/1996	0842190	REQUEST	
15/9/2008	AE210507	DISCHARGE OF MORTGAGE	EDITION 3
5/3/2009	AE536140	CAVEAT	
15/4/2009	DP1137178	DEPOSITED PLAN	EDITION 4
2/6/2009	AE723280	TRANSFER	EDITION 5
9/7/2013	AH834424	REQUEST	
14/1/2015	AI867321	REQUEST	
5/12/2017	AM856850	TRANSFER GRANTING EASEMENT	EDITION 6

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

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PRINTED ON 22/1/2025



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE  
-----  
21/1/2025 5:39PM

FOLIO: 2/1131955  
-----

First Title(s): OLD SYSTEM  
Prior Title(s): BK 4169 NO 195

<u>Recorded</u>	<u>Number</u>	<u>Type of Instrument</u>	<u>C.T. Issue</u>
9/10/2008	DP1131955	DEPOSITED PLAN	LOT RECORDED FOLIO NOT CREATED
10/10/2008	CA135268	CONVERSION ACTION	FOLIO CREATED CT NOT ISSUED
15/4/2009	AE607649	DEPARTMENTAL DEALING	EDITION 1
12/5/2009	AE671326	DEPARTMENTAL DEALING	EDITION 2
18/12/2013	AI214548	REQUEST	EDITION 3
18/2/2014	AI276522	DEPARTMENTAL DEALING	EDITION 4
11/2/2020	AP889886	CAVEAT	
21/5/2020	DP1263694	DEPOSITED PLAN	EDITION 5
16/11/2020	AQ484126	TRANSFER GRANTING EASEMENT	
16/11/2020	AQ484128	TRANSFER	
16/11/2020	AQ484129	MORTGAGE	EDITION 6
27/4/2021	AQ993876	DEPARTMENTAL DEALING	
26/9/2023	AT471164	DISCHARGE OF MORTGAGE	EDITION 7

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

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PRINTED ON 21/1/2025



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE  
-----  
21/1/2025 4:49PM

FOLIO: 4/1087684  
-----

First Title(s): OLD SYSTEM  
Prior Title(s): 33/827807

<u>Recorded</u>	<u>Number</u>	<u>Type of Instrument</u>	<u>C.T. Issue</u>
21/9/2005	DP1087684	DEPOSITED PLAN	LOT RECORDED FOLIO NOT CREATED
15/3/2007	AC925012	REQUEST	FOLIO CREATED CT NOT ISSUED
24/1/2012	AG763692	REQUEST	EDITION 1
1/8/2013	AH856872	TRANSFER GRANTING EASEMENT	EDITION 2
18/12/2013	AI214548	REQUEST	EDITION 3
18/2/2014	AI276522	DEPARTMENTAL DEALING	EDITION 4
11/2/2020	AP889884	CAVEAT	
16/11/2020	AQ484128	TRANSFER	
16/11/2020	AQ484130	MORTGAGE	EDITION 5
26/9/2023	AT471165	DISCHARGE OF MORTGAGE	EDITION 6

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

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NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE  
-----  
22/1/2025 1:50PM

FOLIO: 16/751651  
-----

First Title(s): VOL 277 FOL 44  
Prior Title(s): VOL 277 FOL 44

<u>Recorded</u>	<u>Number</u>	<u>Type of Instrument</u>	<u>C.T. Issue</u>
23/3/1988	X354715	TRANSFER GRANTING EASEMENT	FOLIO CREATED EDITION 1
15/2/1991		AMENDMENT: VOL FOL INDEX	
28/3/1995	O114514	DISCHARGE OF MORTGAGE	
28/3/1995	O114516	TRANSFER	
28/3/1995	O114517	MORTGAGE	EDITION 2
12/5/1995	O188602	REQUEST	
18/1/1996	O842190	REQUEST	
22/12/2006	AC827839	DEPARTMENTAL DEALING	
15/9/2008	AE210507	DISCHARGE OF MORTGAGE	EDITION 3
5/3/2009	AE536140	CAVEAT	
15/4/2009	DP1137178	DEPOSITED PLAN	EDITION 4
2/6/2009	AE723280	TRANSFER	EDITION 5
7/6/2013	DP1174922	DEPOSITED PLAN	
25/6/2013	AH774785	TRANSFER GRANTING EASEMENT	EDITION 6
9/7/2013	AH834424	REQUEST	
18/12/2013	AI214666	REQUEST	
18/2/2014	AI385379	DEPARTMENTAL DEALING	
19/2/2014	AI385739	DEPARTMENTAL DEALING	
5/12/2017	AM856850	TRANSFER GRANTING EASEMENT	EDITION 7

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

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NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE  
-----  
21/1/2025 4:55PM

FOLIO: 33/827807  
-----

First Title(s): OLD SYSTEM  
Prior Title(s): CA58073

<u>Recorded</u>	<u>Number</u>	<u>Type of Instrument</u>	<u>C.T. Issue</u>
2/2/1993	CA58073	CONVERSION ACTION	FOLIO CREATED EDITION 1
12/6/1997	3069139	REQUEST	EDITION 2
17/7/2002	DP1042898	DEPOSITED PLAN	
21/9/2005	DP1087684	DEPOSITED PLAN	
15/3/2007	AC925012	REQUEST	FOLIO CANCELLED

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



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE  
-----  
21/1/2025 2:06PM

FOLIO: 100/1043966  
-----

First Title(s): OLD SYSTEM  
Prior Title(s): A/394440

<u>Recorded</u>	<u>Number</u>	<u>Type of Instrument</u>	<u>C.T. Issue</u>
24/6/2003	DP1043966	DEPOSITED PLAN	FOLIO CREATED EDITION 1
18/12/2013	AI214548	REQUEST	EDITION 2
18/2/2014	AI276522	DEPARTMENTAL DEALING	EDITION 3
11/2/2020	AP889886	CAVEAT	
16/11/2020	AQ484128	TRANSFER	
16/11/2020	AQ484129	MORTGAGE	EDITION 4
26/9/2023	AT471164	DISCHARGE OF MORTGAGE	EDITION 5

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

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PRINTED ON 21/1/2025



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE  
-----  
22/1/2025 2:48PM

FOLIO: 162/751638  
-----

First Title(s): SEE PRIOR TITLE(S)  
Prior Title(s): VOL 14090 FOL 23

<u>Recorded</u>	<u>Number</u>	<u>Type of Instrument</u>	<u>C.T. Issue</u>
12/12/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
19/10/1989		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
27/10/1989	Y660370	TRANSFER	EDITION 1
14/3/1991		AMENDMENT: TITLE DIAGRAM	
13/12/1991	DP645476	DEPOSITED PLAN	
9/6/1993	I302121	REQUEST	
8/8/1994	U420579	RESUMPTION APPLICATION	
25/8/1994	U546677	TRANSFER	
25/8/1994	U546678	MORTGAGE	EDITION 2
12/5/1995	O188602	REQUEST	
8/8/2002	8850347	DISCHARGE OF MORTGAGE	EDITION 3
13/8/2002	8861139	MORTGAGE	EDITION 4
18/1/2005	AB227357	DISCHARGE OF MORTGAGE	EDITION 5
31/7/2013	AH835578	REQUEST	
26/8/2013	AH969648	DEPARTMENTAL DEALING	

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

advlegs

PRINTED ON 22/1/2025



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE  
-----  
21/1/2025 3:55PM

FOLIO: 171/1131952  
-----

First Title(s): OLD SYSTEM  
Prior Title(s): BK 4169 NO 195

<u>Recorded</u>	<u>Number</u>	<u>Type of Instrument</u>	<u>C.T. Issue</u>
9/10/2008	DP1131952	DEPOSITED PLAN	LOT RECORDED FOLIO NOT CREATED
10/10/2008	CA135268	CONVERSION ACTION	FOLIO CREATED CT NOT ISSUED
15/4/2009	AE607649	DEPARTMENTAL DEALING	EDITION 1
12/5/2009	AE671326	DEPARTMENTAL DEALING	EDITION 2
1/8/2013	AH856872	TRANSFER GRANTING EASEMENT	EDITION 3
18/12/2013	AI214548	REQUEST	EDITION 4
18/2/2014	AI276522	DEPARTMENTAL DEALING	EDITION 5
11/2/2020	AP889886	CAVEAT	
16/11/2020	AQ484128	TRANSFER	
16/11/2020	AQ484129	MORTGAGE	EDITION 6
27/4/2021	AQ993876	DEPARTMENTAL DEALING	
26/9/2023	AT471164	DISCHARGE OF MORTGAGE	EDITION 7

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

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NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE  
-----  
22/1/2025 2:41PM

FOLIO: 375/751651  
-----

First Title(s): SEE PRIOR TITLE(S)  
Prior Title(s): VOL 1061 FOL 142

<u>Recorded</u>	<u>Number</u>	<u>Type of Instrument</u>	<u>C.T. Issue</u>
15/2/1989		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
14/9/1990		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
15/3/1991		AMENDMENT: TITLE DIAGRAM	
28/3/1995	0114515	DISCHARGE OF MORTGAGE	
28/3/1995	0114516	TRANSFER	
28/3/1995	0114517	MORTGAGE	EDITION 1
9/5/1995	0215498	DEPARTMENTAL DEALING	
12/5/1995	0188602	REQUEST	
22/12/2006	AC827839	DEPARTMENTAL DEALING	
15/9/2008	AE210507	DISCHARGE OF MORTGAGE	EDITION 2
5/3/2009	AE536140	CAVEAT	
2/6/2009	AE723280	TRANSFER	EDITION 3
7/6/2013	DP1174922	DEPOSITED PLAN	
25/6/2013	AH774785	TRANSFER GRANTING EASEMENT	EDITION 4
18/12/2013	AI214666	REQUEST	
18/2/2014	AI385379	DEPARTMENTAL DEALING	
19/2/2014	AI385739	DEPARTMENTAL DEALING	

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

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NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE  
-----  
22/1/2025 2:48PM

FOLIO: AUTO CONSOL 14090-49  
-----

<u>Recorded</u>	<u>Number</u>	<u>Type of Instrument</u>	<u>C.T. Issue</u>
30/8/1995		CONSOL HISTORY RECORD CREATED FOR AUTO CONSOL 14090-49	
		PARCELS IN CONSOL ARE: 165-166/751638.	
8/8/2002	8850347	DISCHARGE OF MORTGAGE	EDITION 1
13/8/2002	8861139	MORTGAGE	EDITION 2
18/1/2005	AB227357	DISCHARGE OF MORTGAGE	EDITION 3
9/12/2010	DP1159629	DEPOSITED PLAN	EDITION 4
8/3/2011	AF953867	TRANSFER GRANTING EASEMENT	EDITION 5
17/6/2013	AH799519	TRANSFER GRANTING EASEMENT	EDITION 6
31/7/2013	AH835578	REQUEST	
18/12/2013	AI214666	REQUEST	
19/2/2014	AI385739	DEPARTMENTAL DEALING	

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

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NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 16/751651

SEARCH DATE	TIME	EDITION NO	DATE
22/1/2025	1:56 PM	7	5/12/2017

LAND

LOT 16 IN DEPOSITED PLAN 751651  
LOCAL GOVERNMENT AREA LITHGOW CITY  
PARISH OF LIDSDALE COUNTY OF COOK  
(FORMERLY KNOWN AS PORTION 16)  
TITLE DIAGRAM CROWN PLAN 185.1507

FIRST SCHEDULE

IVANHOE COAL PTY LIMITED (T AE723280)

SECOND SCHEDULE (8 NOTIFICATIONS)

- 1 LAND EXCLUDES MINERALS AND IS SUBJECT TO RESERVATIONS AND CONDITIONS IN FAVOUR OF THE CROWN - SEE CROWN GRANT(S)
- 2 F770626 EASEMENT FOR TRANSMISSION LINE AFFECTING THE PART OF THE LAND ABOVE DESCRIBED SHOWN SO BURDENED IN PLAN WITH F770626  
W471339 TRANSFER EASEMENT NOW VESTED IN THE PROSPECT COUNTY COUNCIL
- 3 H605151 EASEMENT FOR PIPELINE AFFECTING THE PART OF THE LAND ABOVE DESCRIBED SHOWN SO BURDENED IN DP445819  
AH834424 EASEMENT NOW VESTED IN STATE WATER CORPORATION
- 4 Q695212 EASEMENT FOR TRANSMISSION LINE 45 WIDE AFFECTING THE PART OF THE LAND ABOVE DESCRIBED SHOWN SO BURDENED IN PLAN WITH Q695212  
O188602 EASEMENT VESTED IN PROSPECT ELECTRICITY
- 5 X354715 EASEMENT FOR TRANSMISSION LINE 60 WIDE AFFECTING THE PART OF THE LAND ABOVE DESCRIBED SHOWN SO BURDENED IN DP636660  
O842190 EASEMENT VESTED IN THE NEW SOUTH WALES ELECTRICITY TRANSMISSION AUTHORITY
- 6 DP1137178 EASEMENT FOR PIPELINE 1 METRE(S) WIDE AFFECTING THE PART(S) SHOWN SO BURDENED IN DP1137178
- 7 AH774785 EASEMENT FOR BRINE WASTE PIPELINE 10 METRE(S) WIDE AFFECTING THE PART DESIGNATED (A) IN DP1174922  
AI214666 EASEMENT NOW VESTED IN ENERGYAUSTRALIA NSW PTY LTD
- 8 AM856850 RIGHT OF CARRIAGEWAY OVER TRACK IN USE AFFECTING THE PART SHOWN AS "PROPOSED RIGHT OF CARRIAGEWAY OVER TRACK IN USE" IN PLAN WITH AM856850

END OF PAGE 1 - CONTINUED OVER

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NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 16/751651

PAGE 2

NOTATIONS

UNREGISTERED DEALINGS: NIL

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

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NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 100/1043966

SEARCH DATE	TIME	EDITION NO	DATE
21/1/2025	2:06 PM	5	26/9/2023

LAND

LOT 100 IN DEPOSITED PLAN 1043966  
AT WALLERAWANG  
LOCAL GOVERNMENT AREA LITHGOW CITY  
PARISH OF LIDSDALE COUNTY OF COOK  
TITLE DIAGRAM DP1043966

FIRST SCHEDULE

GREENSPOT WALLERAWANG PTY LTD (T AQ484128)

SECOND SCHEDULE (7 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 DP1043966 EASEMENT FOR TRANSMISSION LINE 60 METRE(S) WIDE AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- 3 DP1043966 EASEMENT FOR TRANSMISSION LINE OUTLETS VARIABLE WIDTH AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- 4 DP1043966 EASEMENT FOR CABLES VARIABLE WIDTH AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- 5 DP1043966 EASEMENT FOR ELECTRICITY PURPOSES OVER EXISTING LINE OF CONDUITS AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- 6 DP1043966 EASEMENT FOR WATER MAIN OVER EXISTING LINE OF PIPES AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- 7 DP1043966 RIGHT OF CARRIAGEWAY 3.5 WIDE, 7 WIDE AND VARIABLE, 9 WIDE AND 10 WIDE AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM

NOTATIONS

UNREGISTERED DEALINGS: PE DP1313118.

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

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NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 162/751638

SEARCH DATE	TIME	EDITION NO	DATE
22/1/2025	2:57 PM	5	18/1/2005

LAND

LOT 162 IN DEPOSITED PLAN 751638  
LOCAL GOVERNMENT AREA LITHGOW CITY  
PARISH OF FALNASH COUNTY OF COOK  
(FORMERLY KNOWN AS PORTION 162)  
TITLE DIAGRAM CROWN PLAN 540.1507

FIRST SCHEDULE

IVANHOE COAL PTY LIMITED (T U546677)

SECOND SCHEDULE (3 NOTIFICATIONS)

- 1 LAND EXCLUDES MINERALS AND IS SUBJECT TO RESERVATIONS AND CONDITIONS IN FAVOUR OF THE CROWN - SEE CROWN GRANT(S)
- \* 2 EASEMENT FOR TRANSMISSION LINE AFFECTING THE PART SHOWN IN DP594285 VIDE GOV. GAZ. DATED 28-7-1978 FOLIO 3195 0188602 EASEMENT VESTED IN PROSPECT ELECTRICITY
- 3 U420579 EASEMENT FOR PIPELINE AND ACCESS 5 WIDE AFFECTING PART OF THE LAND ABOVE DESCRIBED SHOWN SO BURDENED IN DP645476
- \* AH835578 EASEMENT NOW VESTED IN STATE WATER CORPORATION

NOTATIONS

NOTE: DP636660 REGISTERED

UNREGISTERED DEALINGS: NIL

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

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NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: AUTO CONSOL 14090-49

SEARCH DATE	TIME	EDITION NO	DATE
22/1/2025	2:57 PM	6	17/6/2013

LAND

LAND DESCRIBED IN SCHEDULE OF PARCELS  
LOCAL GOVERNMENT AREA LITHGOW CITY  
PARISH OF FALNASH COUNTY OF COOK  
TITLE DIAGRAM CROWN PLAN 542.1507

FIRST SCHEDULE

IVANHOE COAL PTY. LIMITED (T U546677)

SECOND SCHEDULE (6 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 LAND EXCLUDES THE ROAD(S) WITHIN LOTS 165 AND 166 SHOWN IN THE TITLE DIAGRAM
- 3 NOTIFICATION IN GOV. GAZ. DATED 28.7.1978 FOLIO 3195: EASEMENT FOR TRANSMISSION LINE AFFECTING THE PART OF LOT 166 SHOWN SO BURDENED IN DP594285 (NOW VESTED IN PROSPECT ELECTRICITY - SEE O188602)
- 4 U420579 EASEMENT FOR PIPELINE AND ACCESS 5 WIDE & VAR. WIDTH AFFECTING THE PART OF THE LAND WITHIN DESCRIBED SHOWN SO BURDENED IN DP645476
- \* AH835578 EASEMENT NOW VESTED IN STATE WATER CORPORATION
- 5 AF953867 EASEMENT FOR COAL CONVEYOR AND ACCESS 100 WIDE AFFECTING THE PART DESIGNATED (A) IN DP1159629
- \* AI214666 EASEMENT NOW VESTED IN ENERGIAUSTRALIA NSW PTY LTD
- 6 AH799519 EASEMENT FOR PIPELINE AND ACCESS 15 METRES WIDE AND VARIABLE AFFECTING THE PART SHOWN IN DP645215
- \* AI214666 EASEMENT NOW VESTED IN ENERGIAUSTRALIA NSW PTY LTD

NOTATIONS

DP636660 NOTE: PROPOSED EASEMENT FOR TRANSMISSION LINE  
DP643327 NOTE: PROPOSED EASEMENT FOR PIPELINE & ACCESS (RESUMED & VESTED BY GOV. GAZ. OF 2.11.1990 FOL 9713

UNREGISTERED DEALINGS: NIL

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NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: AUTO CONSOL 14090-49

PAGE 2

SCHEDULE OF PARCELS

LOTS 165-166 IN DP751638.

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

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# **Appendix G**

**Photographic record of site inspection**









<p><b>Plate no. 1</b></p>	 <p>A wide-angle photograph showing several high-voltage transmission towers and power lines stretching across a field of tall, dry grass. The sky is overcast and grey.</p>
<p><b>Description:</b> Overview of transmission lines, located north of Transgrid Mt Piper 500/330kV Substation.</p>	<p><b>Plate no. 2</b></p>  <p>A photograph of a long, narrow, yellow-painted metal coal chute running through a wooded area. The chute is flanked by trees and brush. A metal gate is visible in the foreground on the right.</p> <p><b>Description:</b> Coal chute observed in the Mount Piper Power Station and Brays Lane, facing northwest.</p>
<p><b>Plate no. 3</b></p>	 <p>A photograph showing a coal chute in a wooded area, viewed from a different angle than Plate 2. The chute is surrounded by trees and brush.</p> <p><b>Description:</b> Coal chute observed in the Mount Piper Power Station and Brays Lane, facing southwest</p>






<p><b>Plate no. 4</b></p>	
<p><b>Description:</b> Discarded fridge, located southeast of the Mt Piper Power Station, facing north.</p>	
<p><b>Plate no. 5</b></p>	
<p><b>Description:</b> Discarded fridge, located southeast of the Mt Piper Power Station on southern access track, facing south.</p>	





<p><b>Plate no. 6</b></p>	 A photograph showing a small dam or weir structure across a narrow stream. The stream is surrounded by dense vegetation, including trees and shrubs. The water is calm and reflects the surrounding greenery.
<p><b>Description:</b> Dam located between northern access track and coal chute, facing east.</p>	
<p><b>Plate no. 7</b></p>	 A photograph showing a transmission line tower in the foreground, with power lines stretching across the landscape. The background features a dirt road, a valley, and distant hills under a cloudy sky.
<p><b>Description:</b> Overview of transmission line, located northwest of the ash repository, facing east.</p>	
<p><b>Plate no. 8</b></p>	 A photograph showing a transmission line tower in the foreground, with power lines stretching across the landscape. The background features a dirt road, a valley, and distant hills under a cloudy sky.
<p><b>Description:</b> Overview of transmission line, located northwest of the ash repository (further towards Mount Piper Power Station), facing east.</p>	

<b>Plate no. 9</b>	
<b>Description:</b> Overview of stockpile of road base located adjacent to water tank, facing northwest.	
<b>Plate no. 10</b>	
<b>Description:</b> Water tank observed southeast of Mount Piper Power Station, facing southwest.	
<b>Plate no. 11</b>	
<b>Description:</b> Chemical storage shed located adjacent to the water tank, facing south.	



<p><b>Plate no. 12</b></p>	
<p><b>Description:</b> Overview of coal chute, located north of Brays Lane, facing northwest.</p>	
<p><b>Plate no. 13</b></p>	
<p><b>Description:</b> Overview of Wallerawang Power Station, facing northeast.</p>	
<p><b>Plate no. 14</b></p>	
<p><b>Description:</b> Overview of Transgrid Wallerawang 330/132kV Substation &amp; Switchyard, facing southwest.</p>	



<p><b>Plate no. 15</b></p>	
<p><b>Description:</b> Overview of potential evidence of soil movement, located south of Wallerawang 330/132kV Substation &amp; Switchyard, facing south.</p>	
<p><b>Plate no. 16</b></p>	
<p><b>Description:</b> Overview of potential evidence of soil movement, located south of Wallerawang 330/132kV Substation &amp; Switchyard, facing west.</p>	



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