



Preliminary Site Investigation Report

Lot 1 DP 812651

34 Racecourse Road

Ballina

**PLANNERS NORTH**, February 2022

## COMPLIANCE AND USAGE STATEMENT

This Preliminary Site Investigation Report has been prepared and submitted to accompany a Development Application made under Part 3 of the *Environmental Planning and Assessment Act 1979* by:

### Preparation

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Company: PLANNERS NORTH  
Address: 6 Porter Street Byron Bay, NSW, 2481  
Postal Address: P.O. Box 538, Lennox Head NSW 2478

### Application

Proponent: Mr John Reynolds  
Address: C/ - PLANNERS NORTH  
P.O. Box 538, Lennox Head NSW 2478  
Land to be developed: Lot 1 DP 812651  
Proposed development: A gymnastics focussed recreation facility.

### Certificate

I certify that I have prepared the content of this Preliminary Site Investigation Report and to the best of my knowledge:

- it is in accordance with the Act and Regulations, and
- it is true in all material particulars and does not, by its presentation or omission of information, materially mislead.

### Notice

The plans to this document were prepared for the exclusive use of the proponent and are not to be used for any other purpose or by any other person or corporation. PLANNERS NORTH accepts no responsibility for any loss or damage suffered howsoever arising to any person or corporation who may use or rely on this document for purposes other than the proposed development.

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PLANNERS NORTH declares that it does not have, nor expects to have, a beneficial interest in the subject project. Nor does it have any reportable political donations within the meaning of Section 10.4 of the Act to declare.

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**Stephen Connelly RPIA (Fellow)**

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Ref: 1866.3937

Date: February 2022

# Preliminary Site Investigation Report

34 RACECOURSE ROAD BALLINA

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## 1. INTRODUCTION

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### 1.1 BACKGROUND

PLANNERS NORTH has been engaged by Mr John Reynolds (JR Commercial Property Holdings Pty Ltd) to undertake a Phase 1 Preliminary Site Investigation ("PSI") to accompany a Planning Proposal to Ballina Shire Council for the development of a gymnastics focussed recreation facility.

State Environmental Planning Policy No 55 – Remediation of Land (SEPP 55) addresses potential contamination of land from past land use practices. Clause 7 of SEPP 55 provides as follows:

***"7 - Contamination and remediation to be considered in determining development application***

- (1) A consent authority must not consent to the carrying out of any development on land unless—
  - (a) it has considered whether the land is contaminated, and*
  - (b) if the land is contaminated, it is satisfied that the land is suitable in its contaminated state (or will be suitable, after remediation) for the purpose for which the development is proposed to be carried out, and*
  - (c) if the land requires remediation to be made suitable for the purpose for which the development is proposed to be carried out, it is satisfied that the land will be remediated before the land is used for that purpose.**
- (2) Before determining an application for consent to carry out development that would involve a change of use on any of the land specified in subclause (4), the consent authority must consider a report specifying the findings of a preliminary investigation of the land concerned carried out in accordance with the contaminated land planning guidelines.*
- (3) The applicant for development consent must carry out the investigation required by subclause (2) and must provide a report on it to the consent authority. The consent authority may require the applicant to carry out, and provide a report on, a detailed investigation (as referred to in the contaminated land planning guidelines) if it considers that the findings of the preliminary investigation warrant such an investigation.*
- (4) The land concerned is—
  - (a) land that is within an investigation area,*
  - (b) land on which development for a purpose referred to in Table 1 to the contaminated land planning guidelines is being, or is known to have been, carried out,*
  - (c) to the extent to which it is proposed to carry out development on it for residential, educational, recreational or child care purposes, or for the purposes of a hospital—land—
    - (i) in relation to which there is no knowledge (or incomplete knowledge) as to whether development for a purpose referred to in Table 1 to the contaminated land planning guidelines has been carried out, and*
    - (ii) on which it would have been lawful to carry out such development during any period in respect of which there is no knowledge (or incomplete knowledge)."***

This report has been prepared to satisfy the requirement to demonstrate that the site is suitable for the proposed use.



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### 1.2 SUMMARY

A review of historical records and aerial photography indicates that up to 1967 the site was largely in agriculture or forested use with access to the Ballina racecourse obtained further to the south. By 1979 the racecourse property had been further developed with stables abutting the site and the sought property is largely cropped with some residual vegetation. The 1987 aerial photography shows the implementation of Racecourse Road and the further development of racecourse related buildings (stables and the like) at the site and in the locality.

This Tier 1 Preliminary Site Investigation has considered if contamination of the site soil has occurred from past land usage considering relevant guidelines. Our research indicates that there is a low level of risk that the site is contaminated with residual chemicals from activities associated with current or past land uses. It is therefore considered that there is no potential contamination impediment to the gymnastics focused recreation facility Planning Proposal.

### 1.3 SCOPE OF WORKS

Available historical information has been reviewed to determine if land contamination has occurred from historical and current land use activities on the site or immediately nearby. The objective of the preliminary investigation is to ascertain if the site poses a significant risk of harm to end users. This investigation comprises Stage 1 – Managing Land Contamination Planning Guidelines DUAP and EPA 1998 or a Preliminary Site Investigation PSI NEPM 1990. This PSI identifies past and present potentially contaminated activities occurring on or near the site. This investigation also discusses the site condition and provides a preliminary assessment of the sites contamination status and identifies the need for further investigations. Relevant documents considered in the preparation of the investigation include:

- ANZECC and NHRMC (1992) Australian New Zealand Guidelines for the Assessment and Management of Contaminated Sites;
- NSW EPA (2011) Guidelines for Consultants Reporting Contaminated Sites; and
- National Environment Protection Council (NEPC) (2013) National Environment Protection (Assessment of Site Contamination) Measure.

This report has been prepared generally in accordance with the Contaminated Land Guidelines NSW Environment Protection Authority (2020) and the Northern Rivers Regional Councils (NRRC) Regional Policy for the Management of Contaminated Land (NRRC 2006).

### 1.4 INITIAL INVESTIGATION

In processing any Planning Proposal Council is required to consider the potential contamination of the land from past land use practice and any associated implications for the future use of that land. A precautionary approach is adopted. The initial evaluation to determine whether contamination is a potential issue is based on readily available factual information provided by the proponent and information available to the Council. A brief checklist of items considered in the initial evaluation include:

- records identifying any previous investigations about contamination of the land;
- records identifying an activity listed in Schedule 1 as having occurred or having been approved on the subject land;
- whether the land has been zoned for potentially contaminating purposes;
- any land use restrictions on the subject land relating to possible contamination such as notices issued by the EPA;

# Preliminary Site Investigation Report

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- contamination issues identified from records relating to land adjacent to the subject land which could affect the subject land;
- any indications from a site inspection that the site may have been associated with activities listed in Schedule 1.

Activities listed in Schedule 1 which are potentially contaminating activities include;

- agricultural/horticultural activities, eg banana, stone fruit production;
- airports;
- asbestos production/disposal;
- battery manufacturing and recycling;
- breweries and distilleries;
- chemicals – manufacture and use;
- defence works;
- drum reconditioning;
- dry cleaning;
- electrical engine works;
- foundries;
- gas works;
- iron and steel works;
- landfill sites;
- marinas;
- metal treatments;
- mining and extractive industries;
- power stations;
- printing shops;
- railway yards;
- scrap yards;
- service stations and fuel storage facilities;
- sheep and cattle dips;
- smelting and refining;
- tanning and similar trades;
- water and sewerage treatment plants; and
- wood preservation.

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## 2. SITE DESCRIPTION AND HISTORY

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### 2.1 SITE DESCRIPTION

The subject site is described in Real Property terms as Lot 1 DP812651, and is illustrated in **Plans 1-4** following. The site has an area of approximately 3,487m<sup>2</sup> and is rectangular in shape. The site is level and is generally cleared. Towards the front of the lot is a modest dwelling attached to a building to accommodate racehorses. Towards the middle of the site is another building to accommodate racehorses. Access to the site is provided by an existing crossover off Racecourse Road.

### 2.2 ZONING

The land is zoned pursuant to Ballina Local Environmental Plan 2012. The principle planning controls under that instrument are summarised as follows

RU2 – Rural Landscape zone

Height of building 8.5m

Floor Space Ratio – not applicable

Minimum Lot Size – 40 hectares

Acid Sulfate Soils – Class 2

Flooding – Flood planning area

Local provisions – strategic urban growth area

### 2.3 SITE HISTORY

There are a number of buildings erected on the site, but the Council DA tracker does not disclose any previous land use approvals for the site. A Lotsearch undertaken dated January 2022 is provided at **Appendix A**. That search does not identify any previous activity or use of the subject land. Historical and aerial photography as identified in the Lotsearch document supports the conclusion that the land has not been previously utilised for any contaminating purpose.

### 2.4 HISTORICAL BUSINESS DIRECTORIES

Historical Business Directories identified no records in relation to the subject site.

### 2.5 AUSTRALIAN AND NSW HERITAGE REGISTER

The site is not listed.

### 2.6 LOCAL USAGE OF GROUNDWATER SURFACE WATERS

Registered groundwaters in the locality are provided in the lotsearch documentation at **Appendix A**. The closest groundwater borehole is located within 50m to the east and is for domestic purposes only.

### 2.7 STATE AND LOCAL AUTHORITY RECORDS

The search undertaken via Lotsearch indicates there is no record of contaminated sites notified to the EPA. Similarly, no cattle dip sites are located in the vicinity of the subject site.





Racecourse Road

34 Racecourse Rd Ballina

**Aerial Photo**  
Plan 1

Subject Site

1:600 @ A4

SOURCE:  
Aerial Photo: Nearmap 03/10/2021

DISCLAIMER:  
No warranty is given in relation to the data  
(including accuracy, reliability,  
completeness, currency or suitability) and no  
liability is accepted (including without  
limitation, liability in negligence) for any loss,  
damage or costs (including consequential  
damage) relating to any use of the data.

**PLANNERS  
NORTH**

File: 34RacecourseRdBallina\_Pig1\_AerialPhoto\_202003





0 20 m

1:600 @ A4

SOURCE:  
Aerial Photo: Nearmap 03/10/2021  
Surface analysis: Derived from LIDAR - Ballina 1 metre Resolution  
Digital Elevation Model © Department Finance, Services and  
Innovation 2010

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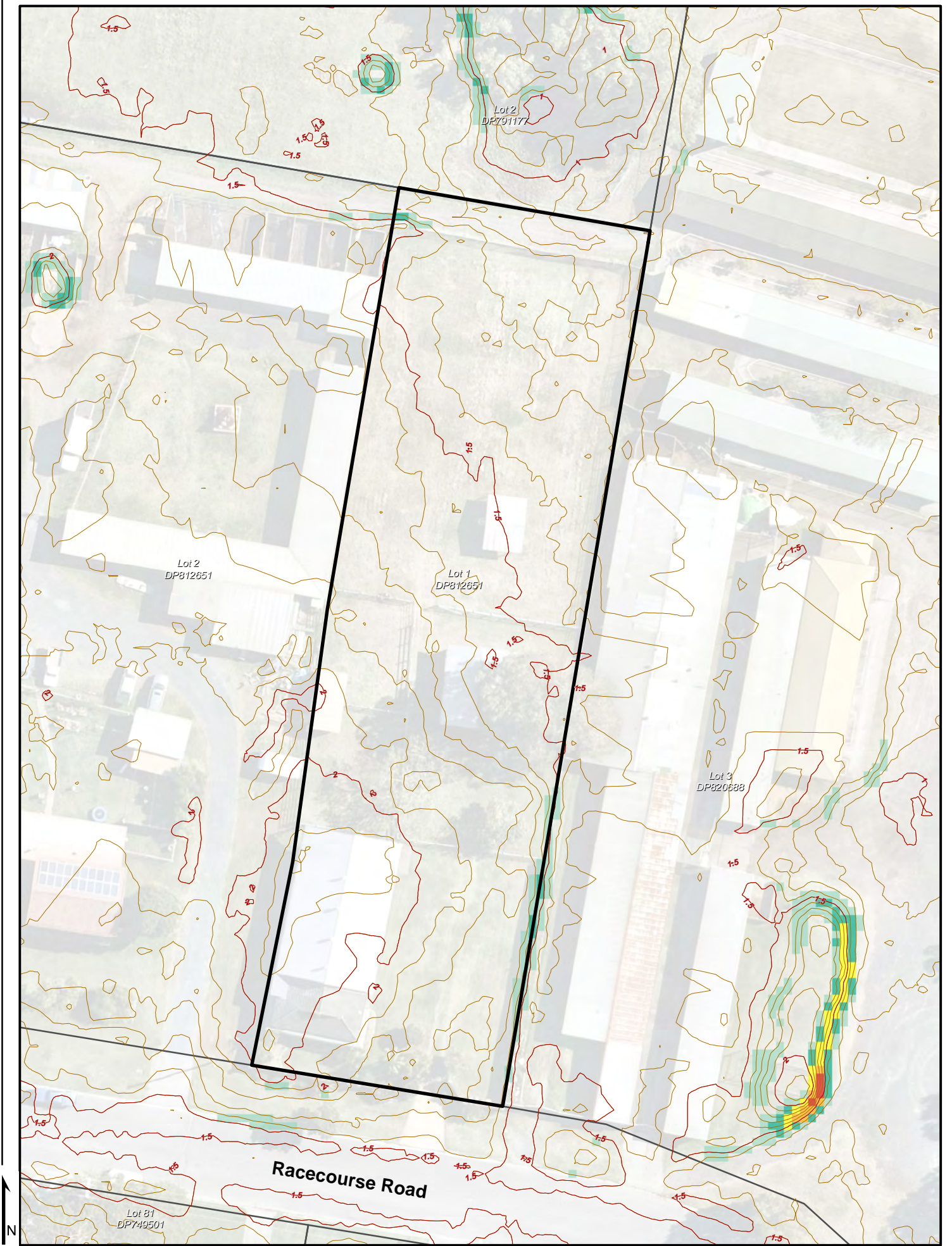


- Subject Site
- Contour (0.5m)
- Contour (0.1m)

**34 Racecourse Rd Ballina**  
**Aerial Photo &  
Site Contours**  
Plan 2

File: 34RacecourseRdBallina\_Fig2\_AerialContours\_202003





0 20 m

1:600 @ A4

SOURCE:  
Aerial Photo: Nearmap 03/10/2021

Surface analysis: Derived from LIDAR - Ballina 1 metre Resolution  
Digital Elevation Model © Department Finance, Services and  
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damage) relating to any use of the data.



Subject Site

Slope (%)

Contour (0.5m)

Contour (0.1m)

0 - 10

10 - 15

15 - 20

20 - 25

25 - 30

>30

34 Racecourse Rd Ballina

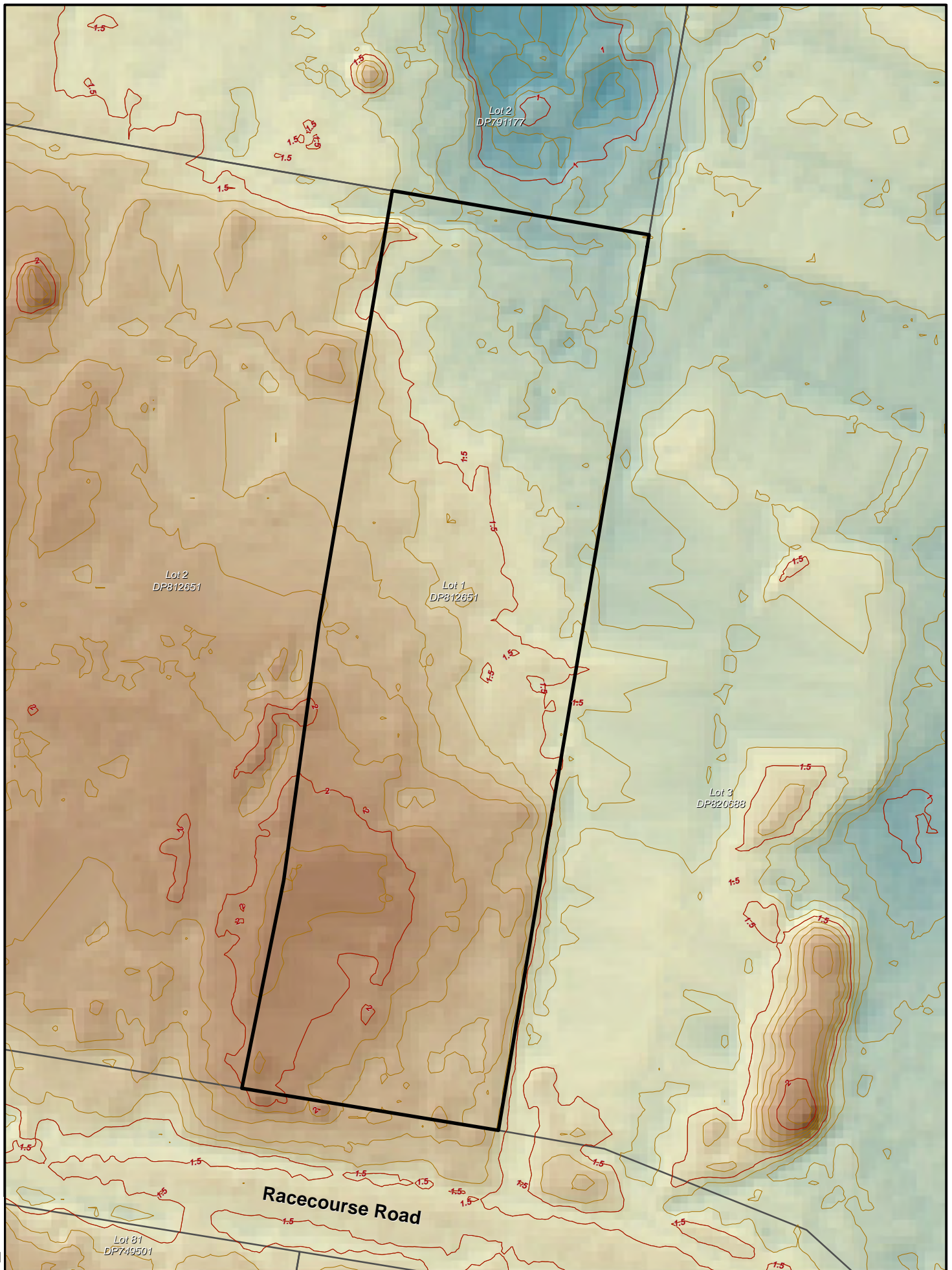
Slope Analysis

Plan 3



File: 34RacecourseRdBallina\_Fig3\_SlopeAnalysis\_202003





0 20 m

1:600 @ A4

SOURCE:  
Surface analysis: Derived from LIDAR - Ballina 1 metre Resolution  
Digital Elevation Model © Department Finance, Services and  
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damage) relating to any use of the data.



Subject Site  
Contour (0.5m)  
Contour (0.1m)

Elevation  
High : 2.3m  
Low : 0.7m

34 Racecourse Rd Ballina

Elevation  
Plan 4



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## 2.8 SURROUNDING ENVIRONMENT

The land use in the immediate vicinity of the subject site is illustrated in the graphic below.



## 2.9 CURRENT USE

The subject site has a structure of about 325m<sup>2</sup> footprint toward the front of the site. That structure appears to be used as a modest dwelling and associated horse stabling. Towards the middle of the site, another building of about 100m<sup>2</sup> footprint has been built to accommodate horse stabling.

## 3. SITE APPRAISAL

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### 3.1 SITE INSPECTION

A site inspection has been undertaken for the purposes of the preparation of this report. There are no visible signs of contamination or plant stress. No odours (other than of an equine type ) were evident at the subject site. There was no evidence of any drums, containers or storage of any concerning type on the property.

## 4. CONCLUSIONS AND RECOMMENDATIONS

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This investigation Tier 1 – Preliminary Site Investigation sought to determine if contamination of the site soil has occurred from past land usage in accordance with NEPM 1999 (2013), DUAP and EPA (1998). This report includes an extensive history of the land usage on the site and a site inspection. The historical assessment has confirmed that the site has a low likelihood of contamination from past land use practices. There is no evidence of contaminating activities from past or present land uses.

Based on the site history and the inspection undertaken it is considered that there is a very low level of risk that the site of the proposed recreation facility is contaminated with residual chemicals from activities associated with past land use practice.

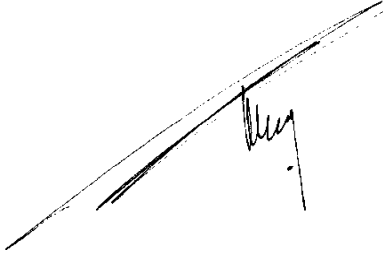


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It is concluded that there is no impediment to the preparation of a Planning Proposal to support a gymnastics focussed recreation facility.



**Stephen Connelly RPIA (Fellow)**

PARTNERSHIP PRINCIPAL

(e) [steve@plannersnorth.com.au](mailto:steve@plannersnorth.com.au)

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## References

Australia and New Zealand Environment and Conservation Council (ANZECC), 1992, Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites, Australia and New Zealand Environment and Conservation Council.

NSW DEC (2006) Contaminated Sites – Guidelines for the NSW Site Auditor Scheme 2<sup>nd</sup> Edition

NSW EPA (2011) Guidelines for Consultants Reporting Contaminated Sites

National Environment Protection Council (NEPC) (2013) National Environment Protection (Assessment of Site Contamination) Measure

Contaminated land guidelines (NSW Environment Protection Authority 2020)

Northern Rivers Regional Councils (NRRC) Regional Policy for the Management of Contaminated Land (NRRC 2006)

## APPENDICES

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### APPENDIX A

Lotsearch



# LOTSEARCH

LOTSEARCH ENVIRO PROFESSIONAL

**Date: 25 Jan 2022 15:42:09**

**Reference: LS028602 EP**

**Address: 34 Racecourse Road, Ballina, NSW 2478**

**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 Finance, Services & Innovation	04/01/2022	04/01/2022	Quarterly	-	-	-	-
Topographic Data	NSW Department of Finance, Services & Innovation	25/06/2019	25/06/2019	As required	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority	10/12/2021	09/12/2021	Monthly	1000m	0	0	1
Contaminated Land Records of Notice	Environment Protection Authority	11/01/2022	11/01/2022	Monthly	1000m	0	0	0
Former Gasworks	Environment Protection Authority	07/01/2022	11/10/2017	Quarterly	1000m	0	0	0
National Waste Management Facilities Database	Geoscience Australia	12/05/2021	07/03/2017	Annually	1000m	0	0	0
National Liquid Fuel Facilities	Geoscience Australia	15/02/2021	13/07/2012	Annually	1000m	0	0	4
EPA PFAS Investigation Program	Environment Protection Authority	14/12/2021	14/07/2021	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Investigation Sites	Department of Defence	29/10/2021	29/10/2021	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Management Sites	Department of Defence	29/10/2021	29/10/2021	Monthly	2000m	0	0	0
Airservices Australia National PFAS Management Program	Airservices Australia	06/01/2022	06/01/2022	Monthly	2000m	0	0	0
Defence 3 Year Regional Contamination Investigation Program	Department of Defence	06/01/2022	06/01/2022	Quarterly	2000m	0	0	0
EPA Other Sites with Contamination Issues	Environment Protection Authority	02/02/2021	13/12/2018	Annually	1000m	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority	19/01/2022	19/01/2022	Monthly	1000m	0	0	0
Delicensed POEO Activities still regulated by the EPA	Environment Protection Authority	19/01/2022	19/01/2022	Monthly	1000m	0	0	2
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority	19/01/2022	19/01/2022	Monthly	1000m	0	0	4
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	-	0	0
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	-	0	0
Cattle dips of the Northern Rivers region	NSW Dept. of Primary Industries	15/02/2021	15/02/2021	Annually	1000m	0	0	1
Points of Interest	NSW Department of Finance, Services & Innovation	19/08/2021	19/08/2021	Quarterly	1000m	0	0	18
Tanks (Areas)	NSW Department of Customer Service - Spatial Services	19/08/2021	19/08/2021	Quarterly	1000m	0	0	0
Tanks (Points)	NSW Department of Customer Service - Spatial Services	19/08/2021	19/08/2021	Quarterly	1000m	0	0	0
Major Easements	NSW Department of Finance, Services & Innovation	19/08/2021	19/08/2021	Quarterly	1000m	0	0	0
State Forest	Forestry Corporation of NSW	25/02/2021	14/02/2021	Annually	1000m	0	0	0
NSW National Parks and Wildlife Service Reserves	NSW Office of Environment & Heritage	22/01/2021	11/12/2020	Annually	1000m	0	0	0
Hydrogeology Map of Australia	Commonwealth of Australia (Geoscience Australia)	08/10/2014	17/03/2000	As required	1000m	1	1	1
Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018	NSW Department of Planning, Industry and Environment	26/10/2020	21/02/2018	Annually	1000m	0	0	0

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Groundwater Boreholes	NSW Dept. of Primary Industries - Water NSW; Commonwealth of Australia (Bureau of Meteorology)	24/07/2018	23/07/2018	Annually	2000m	0	0	83
Geological Units 1:250,000	NSW Department of Planning, Industry and Environment	20/08/2014		Annually	1000m	2	2	2
Geological Structures 1:250,000	NSW Department of Planning, Industry and Environment	20/08/2014		Annually	1000m	0	0	0
Naturally Occurring Asbestos Potential	NSW Dept. of Industry, Resources & Energy	04/12/2015	24/09/2015	Unknown	1000m	0	0	0
Atlas of Australian Soils	Australian Bureau of Agriculture and Resource Economics and Sciences (ABARES)	19/05/2017	17/02/2011	As required	1000m	1	1	2
Soil Landscapes of Central and Eastern NSW	NSW Department of Planning, Industry and Environment	14/10/2020	27/07/2020	Annually	1000m	1	1	4
Environmental Planning Instrument Acid Sulfate Soils	NSW Department of Planning, Industry and Environment	07/01/2022	17/12/2021	Monthly	500m	1	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	19/01/2017	21/02/2013	As required	1000m	1	1	2
Dryland Salinity - National Assessment	National Land and Water Resources Audit	18/07/2014	12/05/2013	None planned	1000m	0	0	0
Mining Subsidence Districts	NSW Department of Customer Service - Subsidence Advisory NSW	19/08/2021	05/08/2021	Quarterly	1000m	0	0	0
Current Mining Titles	NSW Department of Industry	07/01/2022	07/01/2022	Monthly	1000m	0	0	0
Mining Title Applications	NSW Department of Industry	07/01/2022	07/01/2022	Monthly	1000m	0	0	0
Historic Mining Titles	NSW Department of Industry	07/01/2022	07/01/2022	Monthly	1000m	11	11	13
Environmental Planning Instrument SEPP State Significant Precincts	NSW Department of Planning, Industry and Environment	15/11/2021	07/12/2018	Monthly	1000m	0	0	0
Environmental Planning Instrument Land Zoning	NSW Department of Planning, Industry and Environment	15/11/2021	05/11/2021	Monthly	1000m	1	4	64
Commonwealth Heritage List	Australian Government Department of the Agriculture, Water and the Environment	18/05/2021	20/11/2019	Annually	1000m	0	0	0
National Heritage List	Australian Government Department of the Agriculture, Water and the Environment	18/05/2021	20/11/2019	Annually	1000m	0	0	0
State Heritage Register - Curtilages	NSW Department of Planning, Industry and Environment	19/08/2021	25/06/2021	Quarterly	1000m	0	0	0
Environmental Planning Instrument Local Heritage	NSW Department of Planning, Industry and Environment	07/01/2022	17/12/2021	Monthly	1000m	0	0	1
Bush Fire Prone Land	NSW Rural Fire Service	24/01/2022	08/12/2021	Weekly	1000m	0	0	3
Eastern Bushland Database (North Region)	NSW Office of Environment & Heritage	24/07/2016	01/01/1991	None planned	1000m	0	0	1
Ramsar Wetlands of Australia	Australian Government Department of Agriculture, Water and the Environment	24/02/2021	19/03/2020	Annually	1000m	0	0	0
Groundwater Dependent Ecosystems	Bureau of Meteorology	14/08/2017	15/05/2017	Annually	1000m	0	1	1
Inflow Dependent Ecosystems Likelihood	Bureau of Meteorology	14/08/2017	15/05/2017	Unknown	1000m	0	2	3
NSW BioNet Species Sightings	NSW Office of Environment & Heritage	24/01/2022	24/01/2022	Weekly	10000m	-	-	-



# Site Diagram

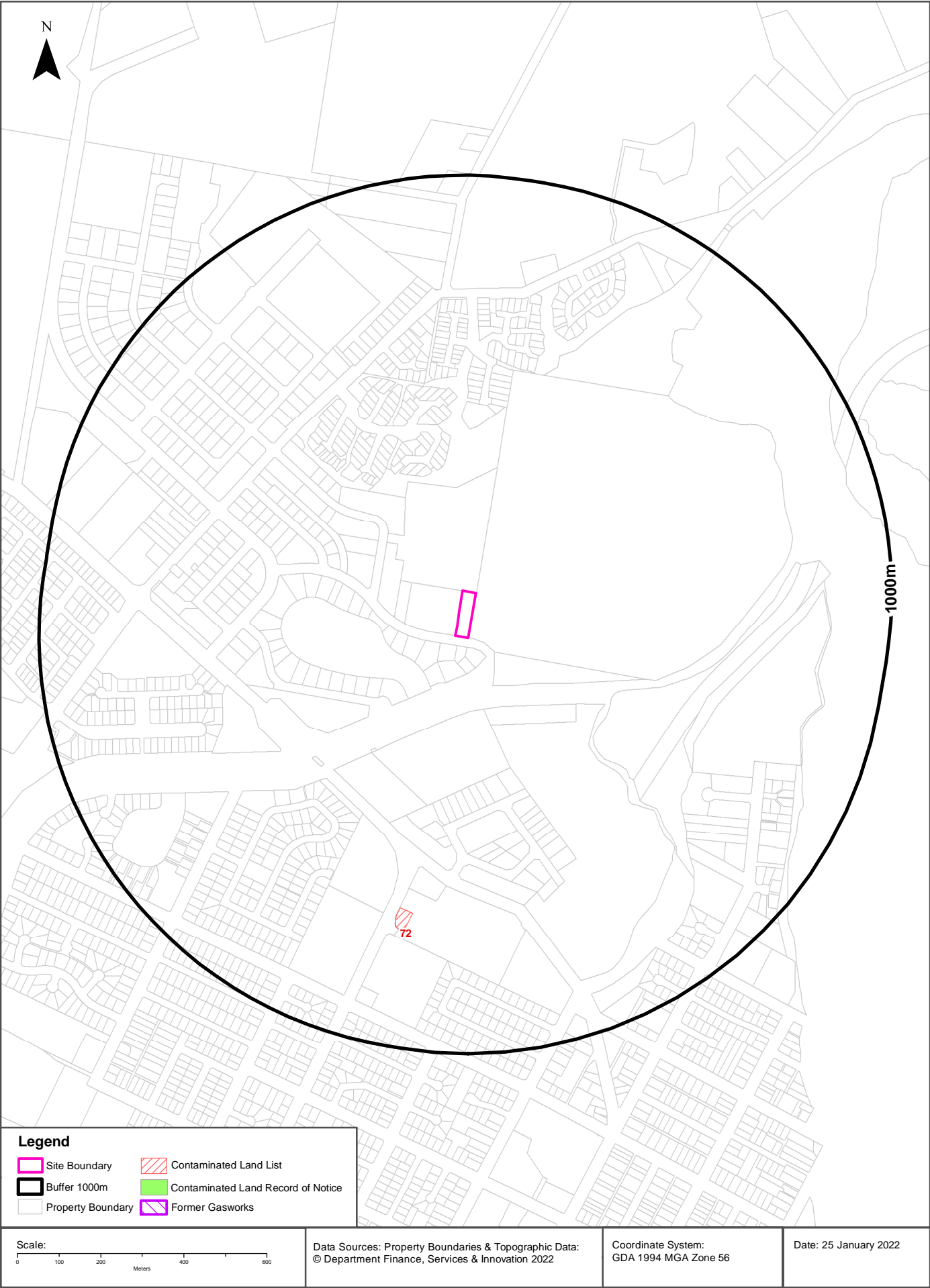
34 Racecourse Road, Ballina, NSW 2478



<b>Legend</b> <div><div></div> Site Boundary</div> <div><div></div> Internal Parcel Boundaries</div>	<b>Total Area:</b> 3487m <sup>2</sup> <b>Total Perimeter:</b> 284m  <small>Disclaimers:</small> Measurements are approximate only and may have been simplified or smaller lengths removed for readability.  Parcels that make up a small percentage of the total site area have not been labelled for increased legibility.	<b>Scale:</b> 0 15 30 Meters  Data Source Aerial Imagery: © Aerometrex Pty Ltd  Coordinate System: GDA 1994 MGA Zone 56  Date: 25 January 2022
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# Contaminated Land

34 Racecourse Road, Ballina, NSW 2478





# Contaminated Land

34 Racecourse Road, Ballina, NSW 2478

## 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
72	Woolworths Petrol	Kerr STREET	Ballina	Service Station	Regulation under CLM Act not required	Current EPA List	Premise Match	666m	South

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

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

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

## Contaminated Land

34 Racecourse Road, Ballina, NSW 2478

### Contaminated Land: Records of Notice

Record of Notices within the dataset buffer:

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

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

### Former Gasworks

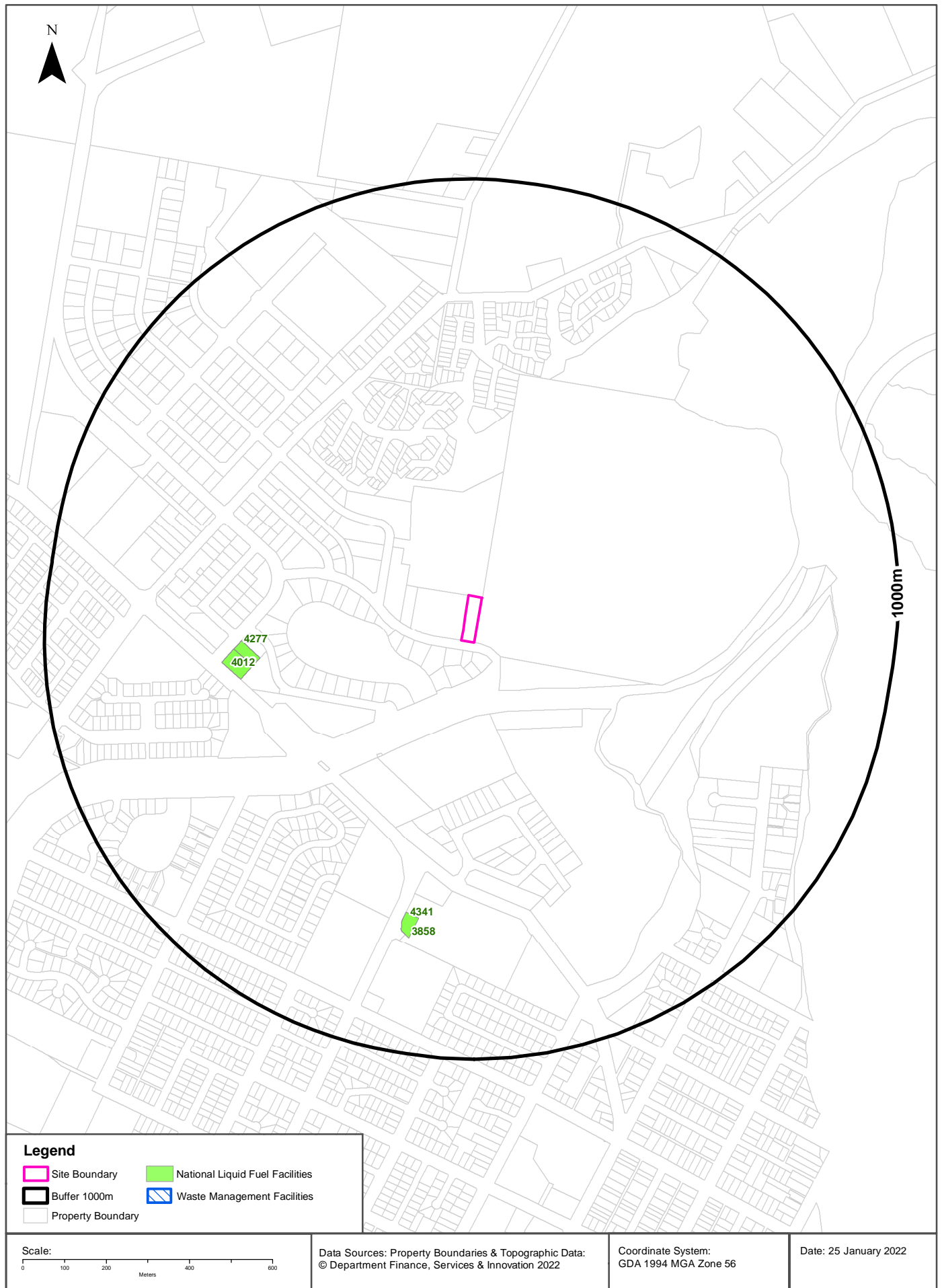
Former Gasworks within the dataset buffer:

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

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

# Waste Management & Liquid Fuel Facilities

34 Racecourse Road, Ballina, NSW 2478



## Waste Management & Liquid Fuel Facilities

34 Racecourse Road, Ballina, NSW 2478

### National Waste Management Site Database

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

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

Waste Management Facilities Data Source: Geoscience Australia

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### National Liquid Fuel Facilities

National Liquid Fuel Facilities within the dataset buffer:

Map Id	Owner	Name	Address	Suburb	Class	Operational Status	Operator	Revision Date	Loc Conf	Dist	Direction
4277	BP	Ballina	3 Southern Cross Drive	Ballina	Fuel Depot	Operational	Reliance Petroleum	04/10/2012	Premise Match	485m	West
4012	BP	BP North Ballina	1 Southern Cross Drive	Ballina	Petrol Station	Operational		25/07/2011	Premise Match	505m	West
3858	Caltex	Woolworths Caltex Ballina	44 Pacific Highway	Ballina	Petrol Station	Operational		25/07/2011	Premise Match	664m	South
4341	Caltex	Caltex Ballina	44 Pacific Highway	Ballina	Petrol Station	Operational		25/07/2011	Premise Match	664m	South

National Liquid Fuel Facilities Data Source: Geoscience Australia

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# PFAS Investigation & Management Programs

34 Racecourse Road, Ballina, NSW 2478

## 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

34 Racecourse Road, Ballina, NSW 2478

### Defence 3 Year Regional Contamination Investigation Program

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

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

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

## EPA Other Sites with Contamination Issues

34 Racecourse Road, Ballina, NSW 2478

### EPA Other Sites with Contamination Issues

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

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

Sites within the dataset buffer:

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

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

## EPA Activities

34 Racecourse Road, Ballina, NSW 2478

## Licensed Activities under the POEO Act 1997

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

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

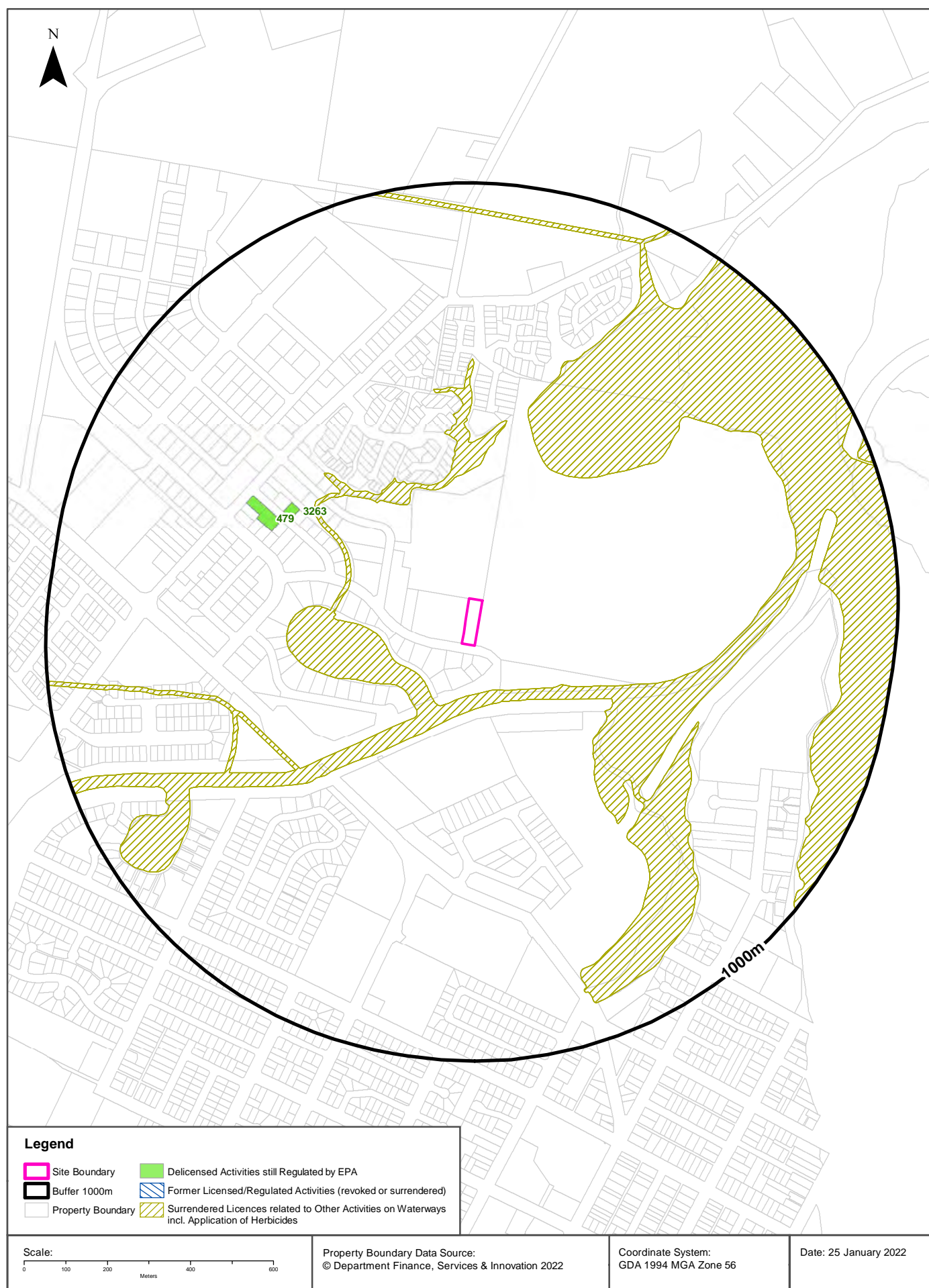
POEO Licence Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority



# Delicensed & Former Licensed EPA Activities

34 Racecourse Road, Ballina, NSW 2478



## EPA Activities

34 Racecourse Road, Ballina, NSW 2478

### 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
3263	HANSON CONSTRUCTION MATERIALS PTY LTD	HANSON CONSTRUCTION MATERIALS PTY LTD	15 SIMMONS STREET	BALLINA	Concrete works	Premise Match	461m	North West
479	HOLCIM (AUSTRALIA) PTY LTD	BALLINA CONCRETE	Cnr Simmons and North Creek Road	BALLINA	Concrete works	Premise Match	490m	North West

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
4292	FAR NORTH COAST COUNTY COUNCIL	COUNTY DISTRICT - LISMORE NSW 2480	Surrendered	06/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	114m	East
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered	06/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	114m	East
4838	Robert Orchard	Various Waterways throughout New South Wales - SYDNEY NSW 2000	Surrendered	07/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	114m	East
6630	SYDNEY WEED & PEST MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW - PROSPECT, NSW, 2148	Surrendered	09/11/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	114m	East

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

## Historical Business Directories

34 Racecourse Road, Ballina, NSW 2478

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

Universal Business Directory records 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

Universal Business Directory records 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
N/A	No records in buffer					

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## Historical Business Directories

34 Racecourse Road, Ballina, NSW 2478

### 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						

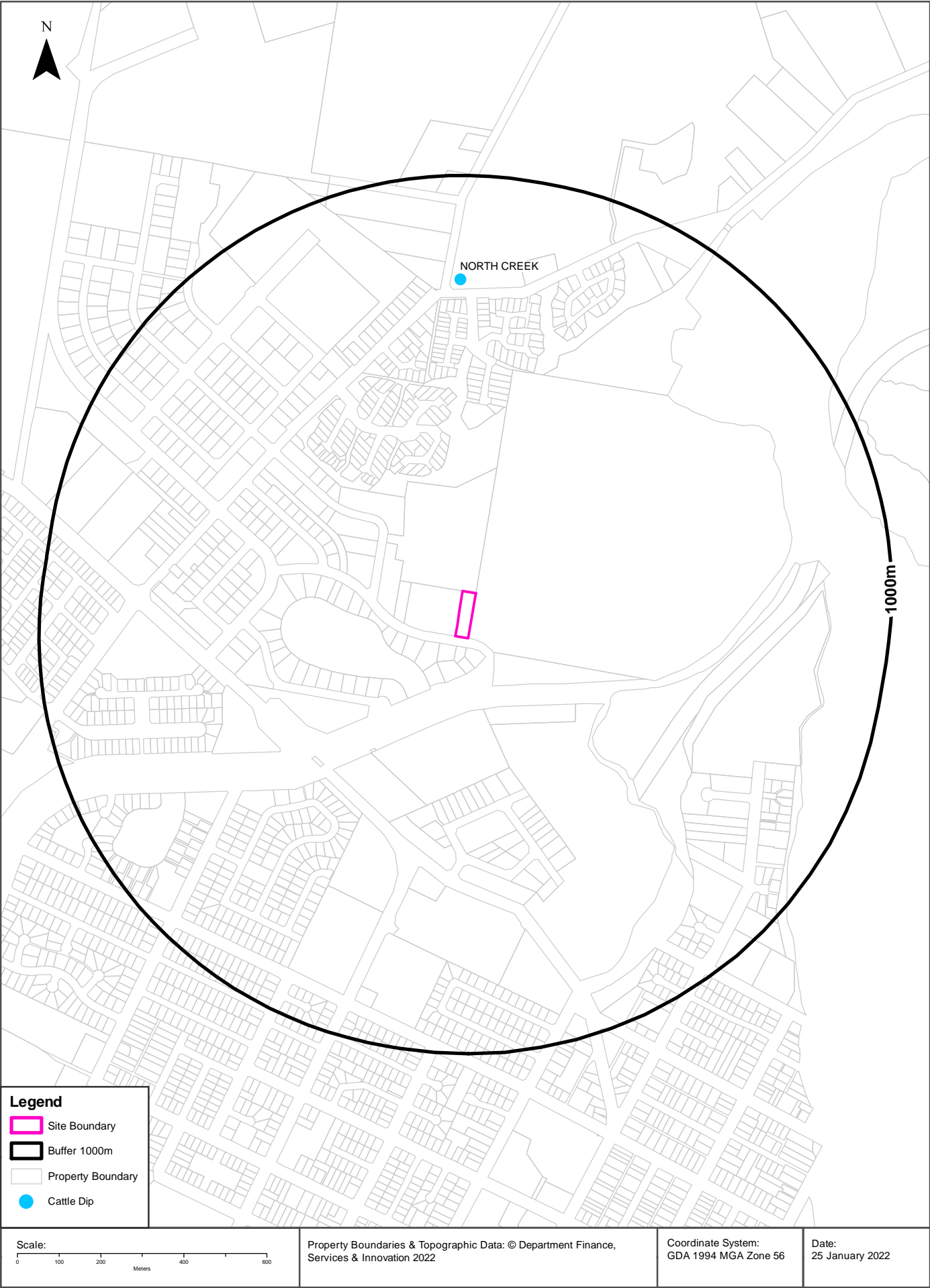
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## Dry Cleaners, Motor Garages & Service Stations Road or Area Matches

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
N/A	No records in buffer					

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## Cattle Dips

34 Racecourse Road, Ballina, NSW 2478

### Cattle Dips of the Northern Rivers Region

Cattle dip sites within the dataset buffer:

Dip Name	Road	Town	Dip Status	Licence / Lease Status	Licence / Lease Expiry Date	Distance	Direction
NORTH CREEK	NORTH CREEK ROAD	BALLINA	REMEDIED	LAPSED	31/12/1986	749m	North

Cattle dip site data provided by the NSW Department of Primary Industries.







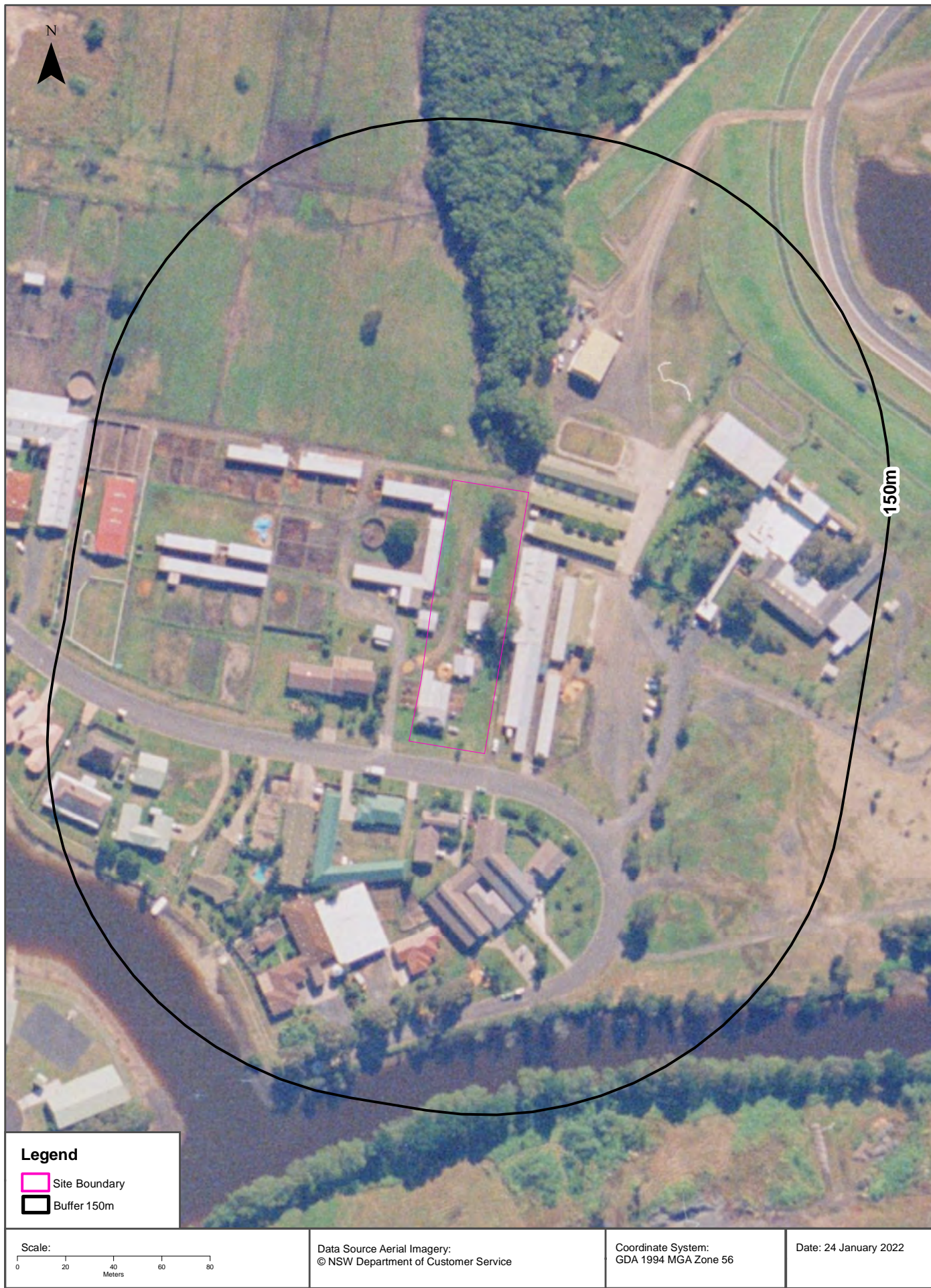


Scale: 0 20 40 60 80 Meters	Data Source Aerial Imagery: © 2022 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.	Coordinate System: GDA 1994 MGA Zone 56	Date: 24 January 2022
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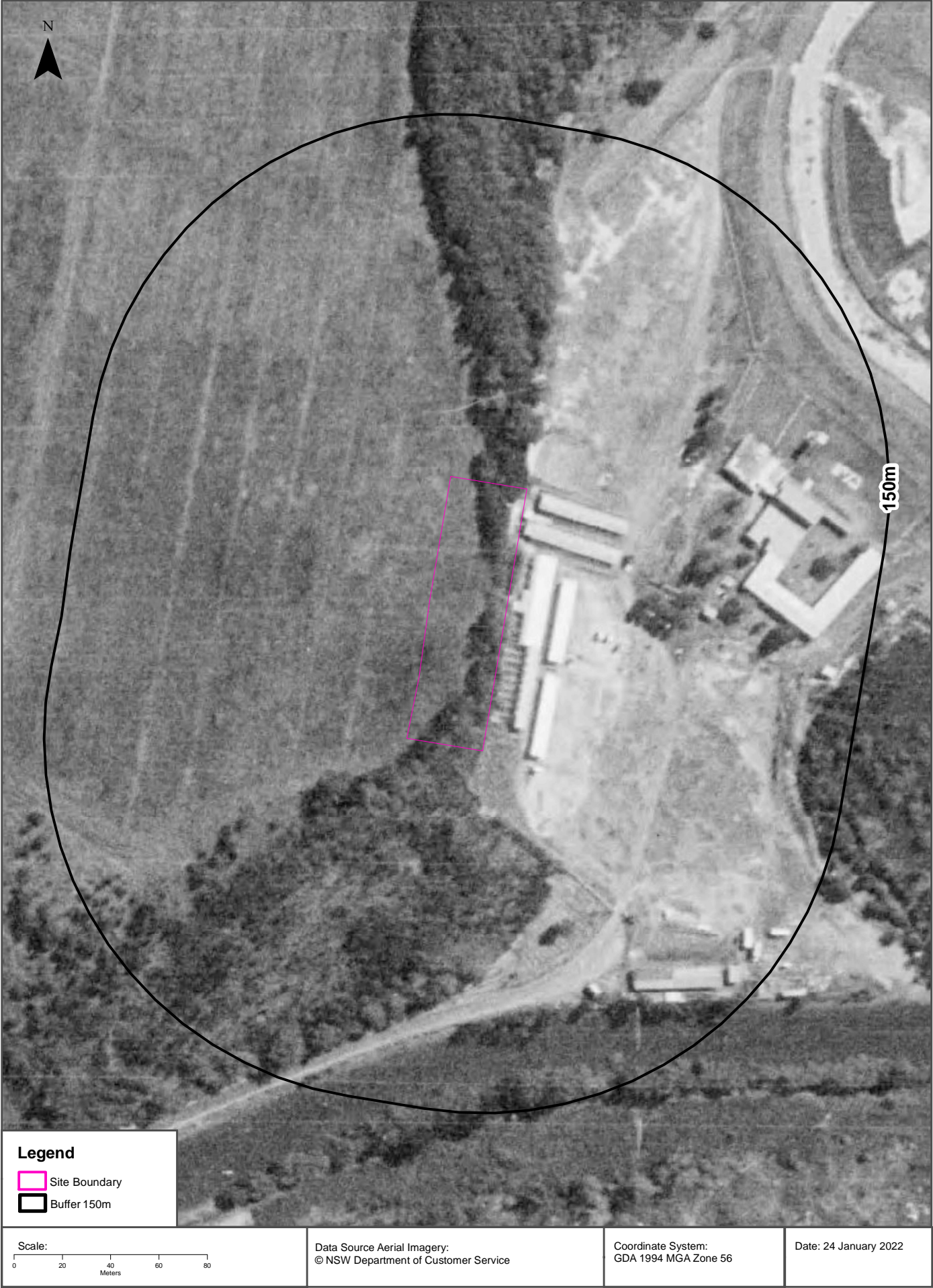












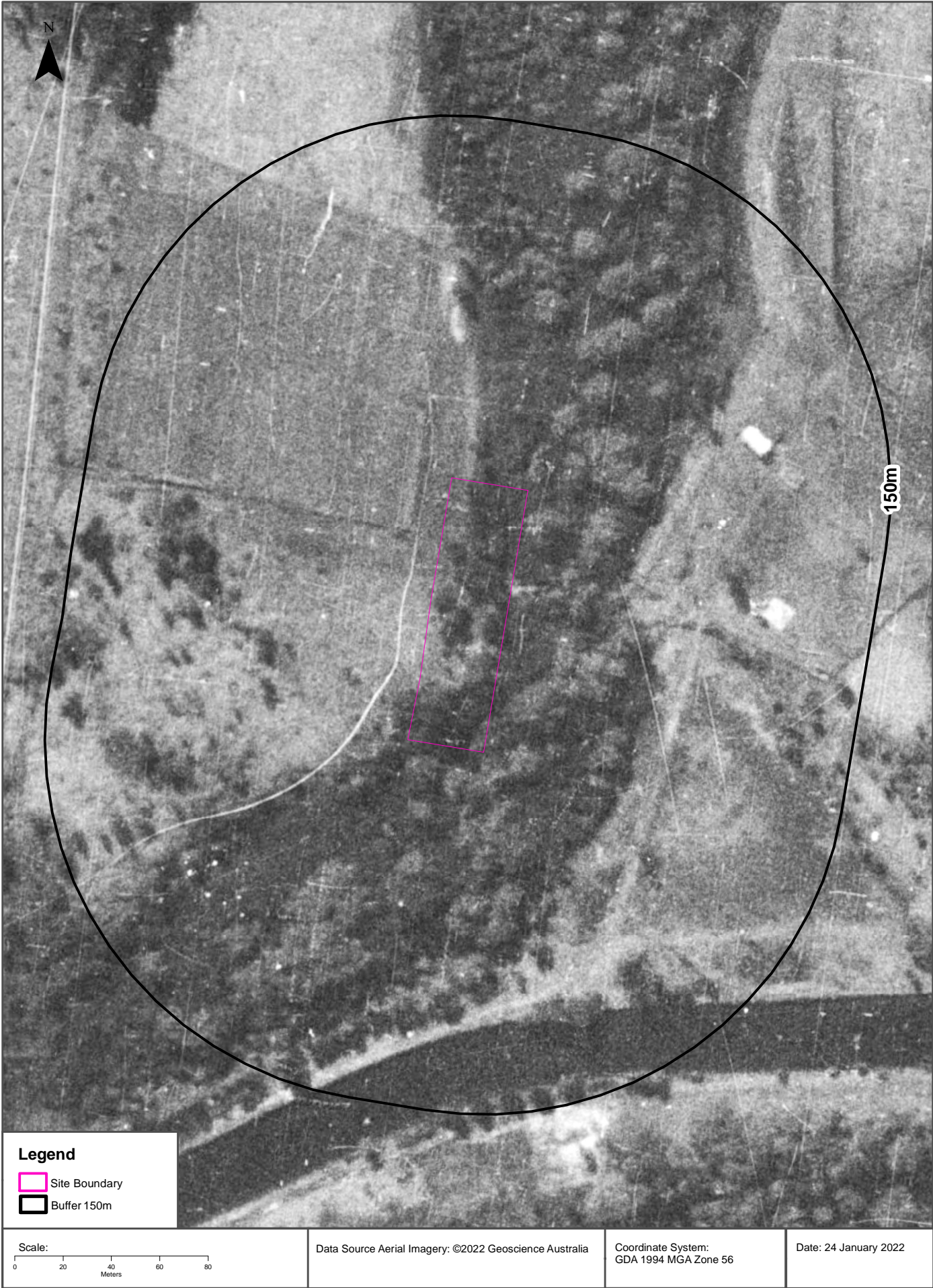




Scale: 0 20 40 60 80 Meters	Data Source Aerial Imagery: © NSW Department of Customer Service	Coordinate System: GDA 1994 MGA Zone 56	Date: 24 January 2022
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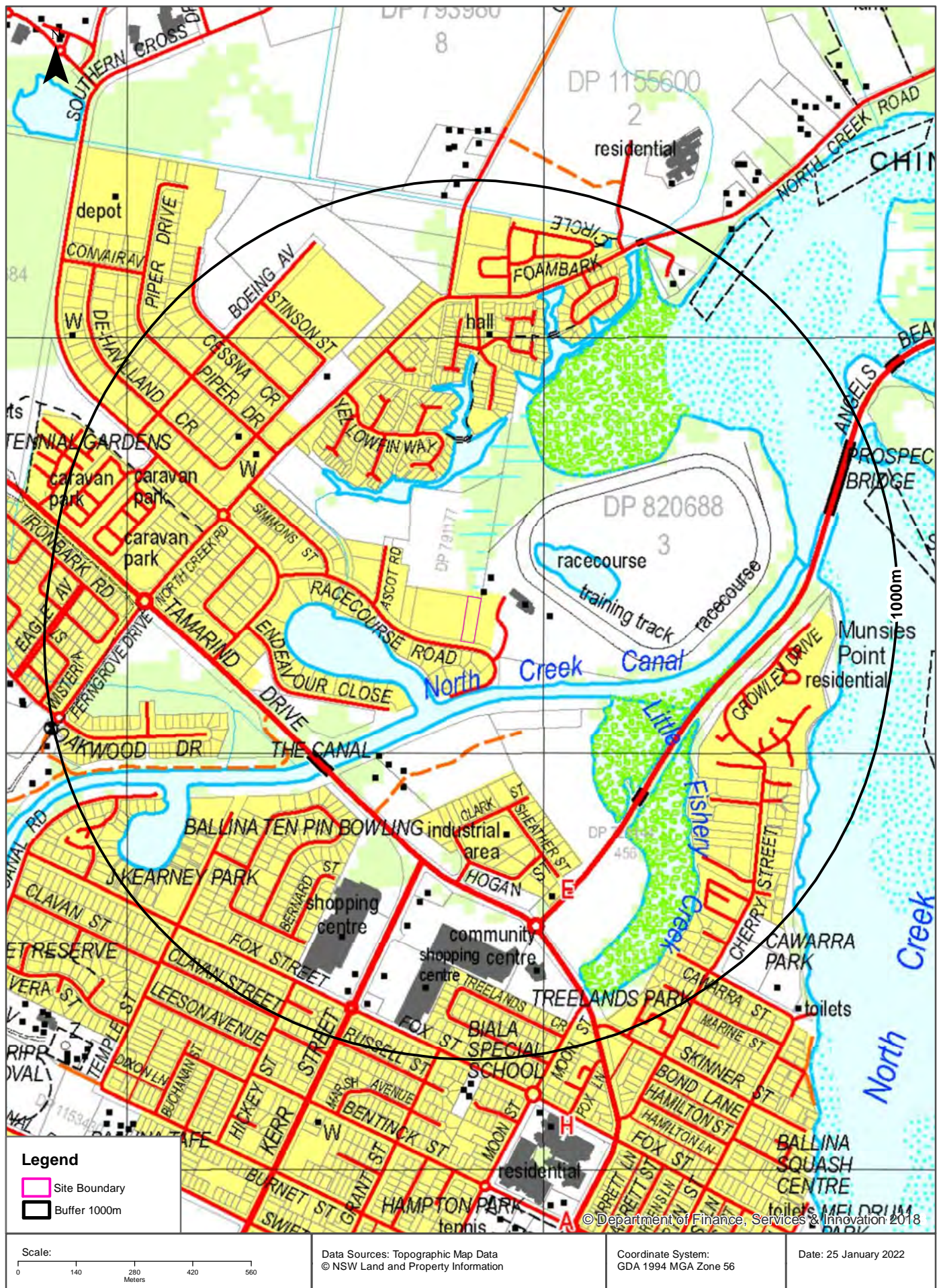






# Topographic Map 2015

34 Racecourse Road, Ballina, NSW 2478





## Historical Map 1973

34 Racecourse Road, Ballina, NSW 2478





# Historical Map c.1942

34 Racecourse Road, Ballina, NSW 2478





# Topographic Features

34 Racecourse Road, Ballina, NSW 2478





## Topographic Features

34 Racecourse Road, Ballina, NSW 2478

### Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
5624	Community Facility	BALLINA JOCKEY CLUB	106m	East
5796	Racecourse	BALLINA RACECOURSE	397m	East
5843	Sports Centre	BALLINA TEN PIN BOWLING	430m	South
5582	Fire Station	BALLINA FIRE STATION	514m	West
5845	Place Of Worship	Place Of Worship	612m	North West
5694	Community Facility	LAKESIDE COMMUNITY HALL	629m	North
6110	SES Facility	BALLINA SES	636m	South
5846	Community Facility	BALLINA RSL YOUTH CLUB	672m	North West
6109	Retirement Village	CROWLEY VILLAGE	740m	South East
5662	Shopping Centre	BALLINA FAIR SHOPPING CENTRE	766m	South
5634	Retirement Village	PALM LAKE RESORT BALLINA	769m	North
5826	Community Home	CROWLEY RETIREMENT VILLAGE	792m	East
5731	Headland	MUNSIES POINT	835m	East
5912	Shopping Centre	Shopping Centre	836m	South
5913	Park	TREELANDS PARK	837m	South
5608	Tourist Park / Home Village	BALLINA PACIFIC PALMS VILLAGE	849m	West
5825	Retirement Village	ST ANDREWS VILLAGE	855m	South East
5606	Tourist Park / Home Village	SOUTHERN CROSS VILLAGE	861m	West

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

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## Topographic Features

34 Racecourse Road, Ballina, NSW 2478

### Tanks (Areas)

What are the Tank Areas located within the dataset buffer?

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

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

### Tanks (Points)

What are the Tank Points located within the dataset buffer?

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

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

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

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## Major Easements

What Major Easements exist within the dataset buffer?

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

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

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

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## Topographic Features

34 Racecourse Road, Ballina, NSW 2478

### State Forest

What State Forest exist within the dataset buffer?

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

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

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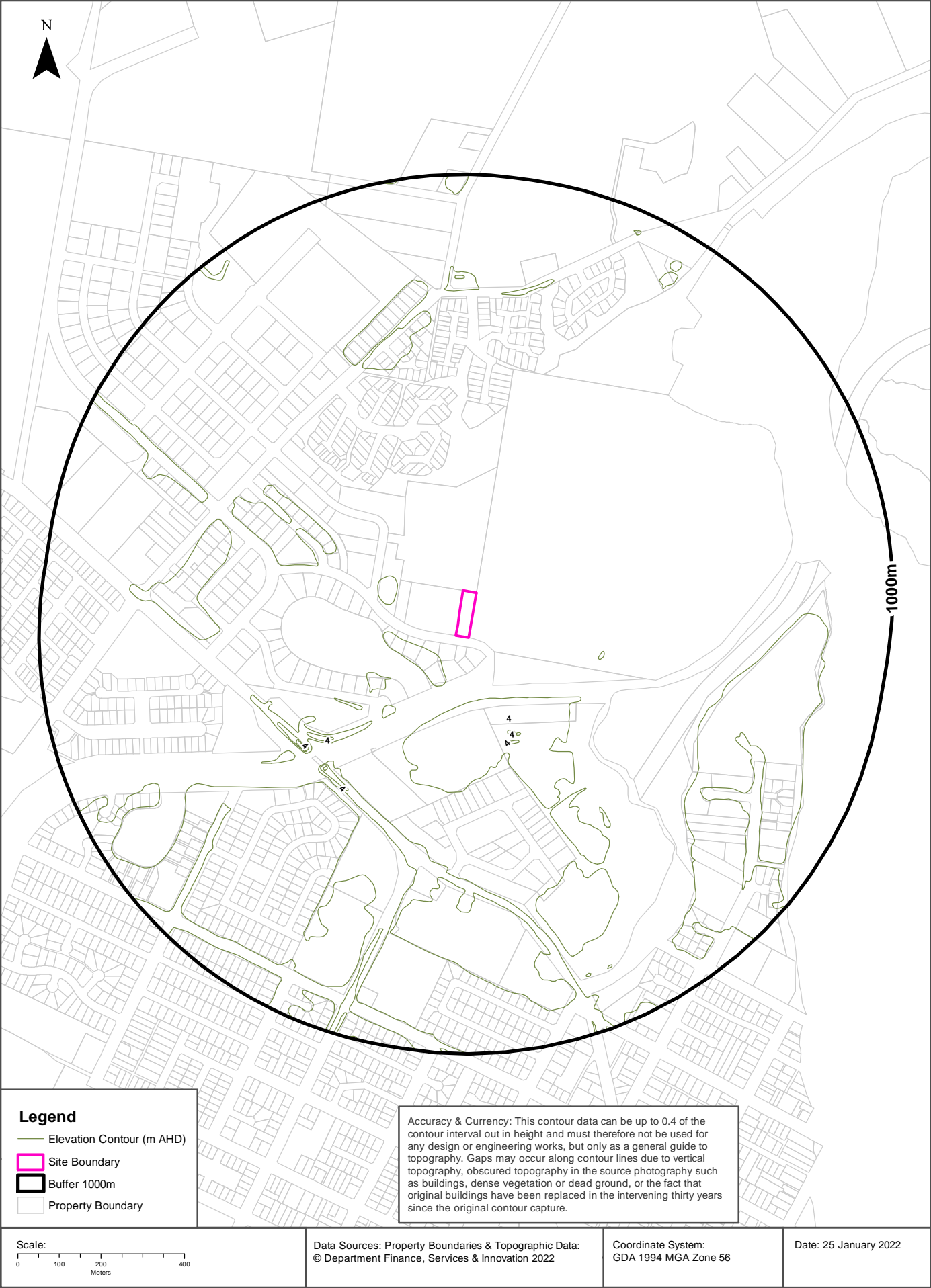
### National Parks and Wildlife Service Reserves

What NPWS Reserves exist within the dataset buffer?

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

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

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## Hydrogeology & Groundwater

34 Racecourse Road, Ballina, NSW 2478

### Hydrogeology

Description of aquifers within the dataset buffer:

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

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

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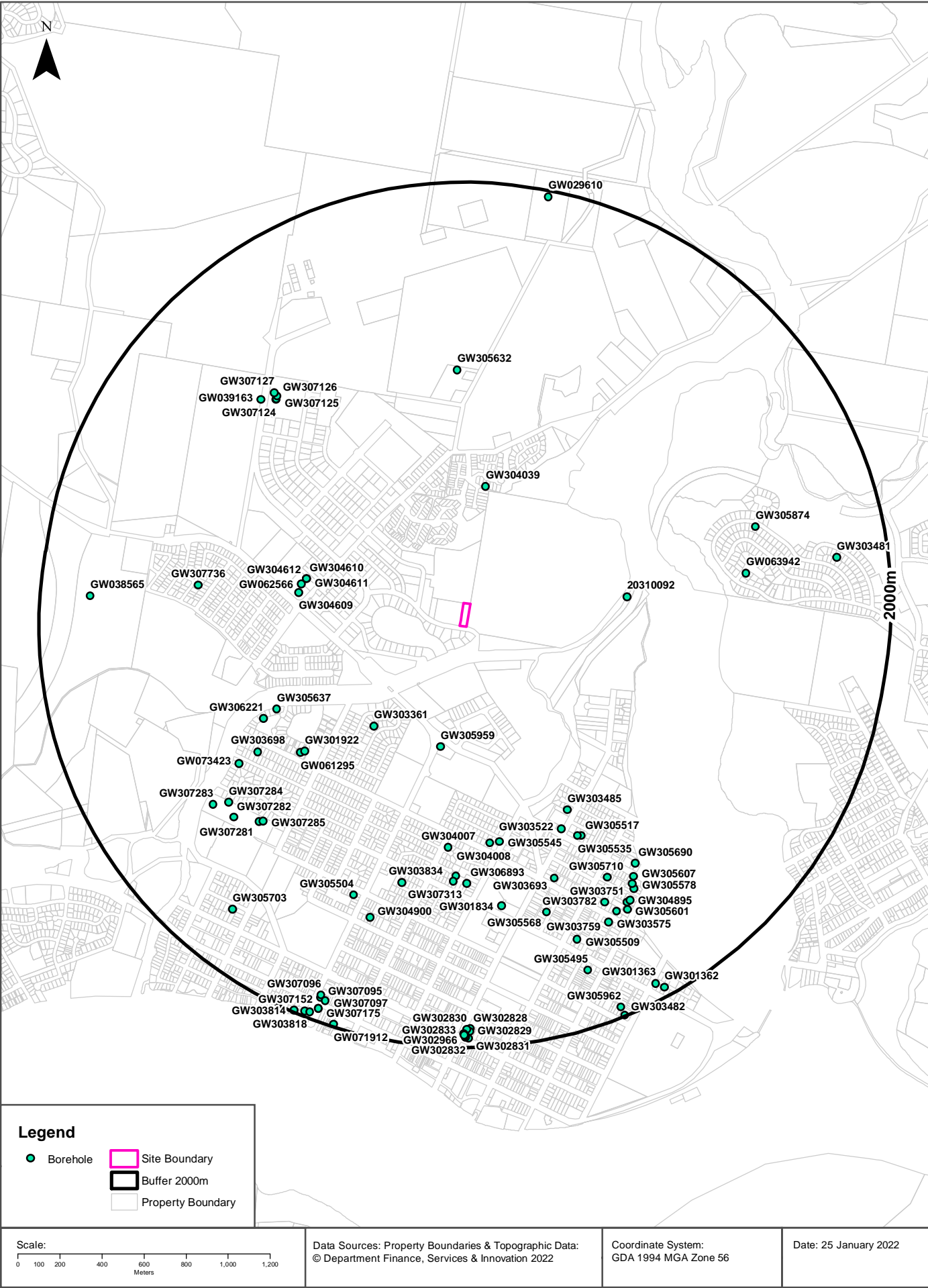
### Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018

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

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

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





# Hydrogeology & Groundwater

34 Racecourse Road, Ballina, NSW 2478

## Groundwater Boreholes

Boreholes within the dataset buffer:

GW No.	Licence No	Work Type	Owner Type	Authorised Purpose	Intended Purpose	Name	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m bgl)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW304 039	30BL180 494	Spear	Private	Domestic	Domestic		16/10/2002							562m	North
GW305 959	30BL184 259	Well	Private	Monitoring Bore	Monitoring Bore		03/11/2006	4.00	4.00		1.00			583m	South
GW303 361	30BL180 128	Bore		Domestic	Domestic		04/07/2002	9.00	9.00					628m	South West
203100 92					UNK								2.06	748m	East
GW304 610	30BL182 700	Bore	Private	Monitoring Bore	Monitoring Bore		07/04/2004							754m	West
GW304 611	30BL182 700	Bore	Private	Monitoring Bore	Monitoring Bore		07/04/2004							754m	West
GW304 612	30BL182 700	Bore	Private	Monitoring Bore	Monitoring Bore		07/04/2004							754m	West
GW062 566	30BL134 281	Spear	Private	Domestic	General Use			7.50	7.50					774m	West
GW304 609	30BL182 700	Bore	Private	Monitoring Bore	Monitoring Bore		03/03/2004	5.00	5.00		2.50			779m	West
GW301 922	30BL178 644	Bore		Domestic	Domestic			28.00						948m	South West
GW305 637	30BL181 366	Spear	Private	Domestic	Domestic		01/03/2003	10.00		Salty				956m	South West
GW061 295	30BL133 015	Spear	Private	Domestic	Domestic		01/03/1983	9.50						967m	South West
GW303 485	30BL180 950	Bore		Domestic	Domestic		20/01/2003	7.30	7.30		2.20	0.600		995m	South East
GW306 221	30BL184 799	Spear	Private	Domestic	Domestic		15/10/2007	6.00	6.00					1031m	South West
GW305 545	30BL180 686	Spear	Private	Domestic	Domestic		12/12/2002	4.00				0.300		1035m	South
GW304 008	30BL180 592	Spear	Private	Domestic	Domestic		01/11/2002	4.00	4.00	3	3.00	1.000		1036m	South
GW304 007	30BL180 818	Spear	Private	Domestic	Domestic		03/12/2002	5.50	5.50					1052m	South
GW303 522	30BL181 389	Bore		Domestic			14/02/2003	5.80	5.80					1063m	South East
GW305 632	30BL180 807	Bore	Private	Domestic	Domestic		07/03/2006	10.00						1107m	North
GW305 535	30BL184 027	Spear	Private	Domestic	Domestic		24/01/2006	4.50				0.400		1126m	South East
GW303 698	30BL181 217	Bore		Domestic	Domestic		23/12/2002	10.00	10.00		3.00			1130m	South West
GW305 517	30BL180 776	Spear	Private	Domestic	Domestic		18/01/2006	4.00						1136m	South East
GW307 242	30WA30 7855	Spear	Private	Domestic	Domestic		18/10/2013	6.00	6.00		1.80	0.600		1186m	South
GW307 313	30WA30 7861	Spear	Private	Domestic	Domestic		18/11/2013	6.00	6.00		1.80	0.600		1212m	South
GW306 893	30BL184 311	Spear	Private	Domestic	Domestic		01/09/2006	5.50	5.50					1220m	South
GW073 423	30BL176 663	Spear	Private	Domestic	Domestic		31/01/1995	8.20	8.20					1236m	South West
GW303 834	30BL181 542	Bore	Private	Domestic	Domestic		01/06/1978							1251m	South
GW307 736	30BL207 216	Spear	Private	Dewatering (groundwater)	Dewatering (groundwater)		20/07/2015	4.80	4.80	Brackish	1.50	35.000		1257m	West

GW No.	Licence No	Work Type	Owner Type	Authorised Purpose	Intended Purpose	Name	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m bgl)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW303 693	30BL181 136	Bore		Domestic	Domestic		01/06/1974	5.00	5.00		3.00	1.000		1267m	South
GW307 124		Bore	Local Govt		Monitoring Bore	Ballina Shire Council - MW1	18/01/2011	4.50	4.50					1313m	North West
GW307 125		Bore	Local Govt		Monitoring Bore	Ballina Shire Council - MW2	18/01/2011	4.50	4.50					1314m	North West
GW307 285	30BL207 006	Bore	Private	Monitoring Bore	Monitoring Bore	Essential Energy - MW5	14/12/2012	4.00	4.00		1.60			1318m	South West
GW063 942	30BL135 336	Spear	Private	Domestic	Domestic		01/10/1986	4.90						1320m	East
GW307 126		Bore	Local Govt		Monitoring Bore	Ballina Shire Council - MW3	18/01/2011	3.50	3.50					1321m	North West
GW307 281	30BL207 006	Bore	Private	Monitoring Bore	Monitoring Bore	Essential Energy - MW1	10/12/2012	4.00	4.00		3.10			1333m	South West
GW301 834	30BL177 390	Bore	Private	Domestic	Domestic									1337m	South
GW307 127		Bore	Local Govt		Monitoring Bore	Ballina Shire Council - MW4	18/01/2011	7.00	7.00					1344m	North West
GW039 163		Bore	NSW Office of Water		Monitoring Bore		01/09/1976	21.00	21.64				1.84	1363m	North West
GW305 710	30BL181 408	Spear	Private	Domestic	Domestic		11/04/2006	7.00						1368m	South East
GW305 504	30BL180 828	Bore	Private	Domestic			03/12/2002	7.00						1376m	South
GW305 690	30BL181 404	Spear	Private	Domestic	Domestic		01/01/2003	4.00			3.50			1382m	South East
GW307 284	30BL207 006	Bore	Private	Monitoring Bore	Monitoring Bore	Essential Energy - MW4	13/12/2012	4.00	4.00		1.80			1383m	South West
GW305 874	30BL184 215	Bore	Private	Domestic	Domestic		10/07/2006	4.00	4.00		1.50	0.500		1405m	East
GW307 282	30BL207 006	Bore	Private	Monitoring Bore	Monitoring Bore	Essential Energy - MW2	12/12/2012	4.00	4.00		1.80			1408m	South West
GW305 568	30BL181 048	Spear	Private	Domestic	Domestic		01/02/2006	6.00						1411m	South
GW305 607	30BL180 654	Well	Private	Domestic	Domestic		01/12/2002	3.00						1429m	South East
GW307 283	30BL207 006	Bore	Private	Monitoring Bore	Monitoring Bore	Essential Energy - MW3	13/12/2012	4.00	4.00		1.60			1447m	South West
GW304 900	30BL183 167	Bore		Domestic	Domestic		25/10/2004	5.00	5.00	400	13.00	1.000		1451m	South
GW305 692	30BL181 214	Spear	Private	Domestic	Domestic		20/03/2006	5.00				0.300		1456m	South East
GW303 782	30BL180 603	Bore	Private	Domestic	Domestic		06/11/2002	7.30	7.30		1.50	0.600		1467m	South East
GW305 578	30BL180 838	Spear	Private	Domestic	Domestic		01/01/2003	4.50						1479m	South East
GW304 895	30BL183 135	Bore		Domestic	Domestic		21/10/2004	7.00	7.00		1.20	0.700		1515m	South East
GW303 751	30BL180 423	Bore		Domestic	Domestic		17/10/2002	6.10	6.10		1.50	0.600		1517m	South East
GW303 575	30BL180 730	Bore		Domestic	Domestic		05/12/2002	6.00	6.00		1.70	0.700		1530m	South East
GW305 601	30BL180 980	Spear	Private	Domestic	Domestic		20/12/2002	4.50				0.300		1549m	South East
GW303 759	30BL180 503	Spear	Private	Domestic	Domestic		06/11/2002	7.30	7.30		1.40	0.600		1558m	South East

GW No.	Licence No	Work Type	Owner Type	Authorised Purpose	Intended Purpose	Name	Complete Date	Final Depth (m)	Drilled Depth (m)	Salinity (mg/L)	SWL (m bgl)	Yield (L/s)	Elev (AHD)	Dist	Dir
GW305 509	30BL182 290	Spear	Private	Domestic			10/11/2003	6.00						1578m	South
GW305 703	30BL181 460	Bore	Private	Domestic	Domestic		11/04/2006	6.00						1727m	South West
GW305 495	30BL180 884	Spear	Private	Domestic	Domestic		12/01/2006	6.00						1733m	South
GW303 481	30BL180 736	Bore		Domestic			01/01/1980	7.50	7.50			0.500		1758m	East
GW038 565	30BL101 031	Spear	Private	Stock	Stock			8.20	8.20					1760m	West
GW307 096		Bore	Private		Monitoring Bore	Shell Ballina - MW2	22/09/2011	4.00	4.00					1877m	South
GW307 095		Bore	Private		Monitoring Bore	Shell Ballina - MW1	22/09/2011	4.00	4.00					1888m	South
GW307 097		Bore	Private		Monitoring Bore	Shell Ballina - MW3	22/09/2011	4.00	4.00					1894m	South
GW302 828	30BL178 969	Bore		Monitoring Bore	Monitoring Bore		20/06/2000	3.75	3.75					1912m	South
GW302 830	30BL178 969	Bore		Monitoring Bore	Monitoring Bore		20/06/2000	3.75	3.75					1916m	South
GW301 363	30BL177 084	Bore		Domestic	Domestic		01/12/1995	7.10	7.10	580	1.50	1.100		1922m	South East
GW302 829	30BL178 969	Bore		Monitoring Bore	Monitoring Bore		20/06/2000	3.75	3.75					1925m	South
GW302 833	30BL178 969	Bore		Monitoring Bore	Monitoring Bore		20/06/2000	3.75	3.75					1936m	South
GW307 152	30BL185 969	Bore	Private	Monitoring Bore	Monitoring Bore	Sanflat - MW1	15/08/2012	4.00	4.00					1940m	South
GW307 175	30BL185 969	Bore	Private	Monitoring Bore	Monitoring Bore	Sanflat - MW8	11/09/2012	4.00	4.00					1940m	South
GW302 967	30BL179 160	Bore		Monitoring Bore	Monitoring Bore		01/12/2000	4.00	4.00					1943m	South
GW302 966	30BL179 160	Bore		Monitoring Bore	Monitoring Bore		01/12/2000	4.00	4.00					1946m	South
GW302 832	30BL178 969	Bore		Monitoring Bore	Monitoring Bore		20/06/2000	3.75	3.75					1952m	South
GW305 962	30BL184 352	Spear	Private	Domestic	Domestic		16/10/2006	5.60	5.60		1.50	0.700		1953m	South
GW301 362	30BL177 084	Bore		Domestic	Domestic		04/12/1995	6.00	6.00	280	1.50	1.100		1956m	South East
GW302 831	30BL178 969	Bore		Monitoring Bore	Monitoring Bore		20/06/2000	3.75	3.75					1958m	South
GW029 610	30BL023 896	Well	Private	Stock	Stock			1.50	1.50	0-500 ppm				1970m	North
GW307 153	30BL185 969	Bore	Private	Monitoring Bore	Monitoring Bore	Sanflat - MW2	15/08/2012	4.00	4.00					1970m	South
GW303 818	30BL181 206	Spear	Private	Domestic	Domestic		31/03/2003	6.00			3.00			1976m	South
GW071 912	30BL153 261			Industrial	Commercial , Industrial		31/08/1993	9.00	9.00	Good	2.00	2.500	10.00	1989m	South
GW303 814	30BL181 419	Spear	Private	Domestic	Domestic		13/02/2003	5.50	5.50					1990m	South West
GW303 482	30BL180 809	Bore		Domestic	Domestic		01/01/1980	4.00	4.00			0.230		1996m	South

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

# Hydrogeology & Groundwater

34 Racecourse Road, Ballina, NSW 2478

## Driller's Logs

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

Groundwater No	Drillers Log	Distance	Direction
GW305959	0.00m-0.10m concrete 0.10m-0.50m gravelly clay dk brw / or 0.50m-1.90m sand light yellow grey 1.90m-4.00m sand grey water at 1.8m	583m	South
GW303361	0.00m-2.00m Light Fill 2.00m-8.50m Part Black Puggy 8.50m-9.00m Free Flowing Sand Light	628m	South West
GW062566	0.00m-7.50m Sand	774m	West
GW304609	0.00m-5.00m SAND COARSE, LOOSE WET	779m	West
GW303485	0.00m-0.80m fill 0.80m-6.00m sand 6.00m-7.30m free flowing sand	995m	South East
GW307242	0.00m-0.50m Fill 0.50m-5.40m Sand; grey, fine 5.40m-6.00m Sand; free flowing, grey, medium grained	1186m	South
GW307313	0.00m-0.50m Fill 0.50m-5.40m Sand; gnye, fine 5.40m-6.00m Sand; free flowing, grey, medium grained	1212m	South
GW307124	0.00m-0.05m Fill; Asphalt 0.05m-0.50m Fill; Gravelly Silt 0.50m-1.50m Sand, Silty; brown, moist 1.50m-2.00m Sand; trace silt with shells, brown grey, @ 1.5m wet 2.00m-4.50m Sand; with shells, grey, wet	1313m	North West
GW307125	0.00m-0.05m Fill; Asphalt 0.05m-0.50m Fill; Gravelly Silt 0.50m-1.50m Sand, Silty; brown, moist 1.50m-2.00m Sand; trace silt with shells, brown grey, @ 1.5m wet 2.00m-4.50m Sand; with shells, grey, wet	1314m	North West
GW307285	0.00m-1.00m Silt, Clayey; trace rootlets, brown, moist, semi-compact, 0.3-0.5m more silt, some sand 1.00m-1.60m Clay, Silty; moist, medium hard, brown, trace rootlets, grey @ 1.2m 1.60m-2.00m Sand, Clayey; grey, wet, loose 2.00m-2.80m Clay, Silty; dark grey, wet, soft 2.80m-4.00m Sand, Clayey; medium sand, dark grey, loose, wet	1318m	South West
GW307126	0.00m-0.05m Fill; Asphalt 0.05m-0.50m Fill; Gravelly Silt 0.50m-1.00m Sand, Silty; brown, moist, @ 1.5m wet 1.00m-3.50m Sand; with Shells, grey, wet	1321m	North West
GW307281	0.00m-0.50m Fill; Sandy Silty Clay; orange, medium soft, moist 0.50m-1.80m Clay, Silty; dark gnye, medium soft, moist, some sand 1.80m-2.50m Sand, Clayey; dark grey, loose, very moist 2.50m-3.00m Clay, Sandy; dark gnye, soft, very moist, wet @ 3.1m 3.00m-4.00m Sand, Clayey; dark grey, loose, wet	1333m	South West
GW307127	0.00m-0.05m Fill; Asphalt 0.05m-0.50m Fill; Gravelly Silt 0.50m-0.80m Sand, Silty; brown, moist 0.80m-1.00m Sand; trace silt with shells, dark brown 1.00m-7.00m Sand; with Shells, grey, @ 1.5m wet, refusal some basalt/greywacke cobbles <50mm	1344m	North West
GW039163	0.00m-0.30m Topsoil 0.30m-1.52m Sand Orange 1.52m-4.57m Mud Estuarine Shell 4.57m-6.10m Sand Clay Shell 6.10m-9.14m Sand Indurated Shell 9.14m-13.72m Sand Water Supply 13.72m-21.34m Clay Grey 21.34m-21.64m Basalt	1363m	North West
GW307284	0.00m-0.80m Fill; Asphalt gravel & cobbles, trace sand & clay, grey, compact, moist 0.80m-2.00m Clay, Silty; trace gravel, dark grey, moist, medium firm 2.00m-2.25m Sand; medium, grey/orange, loose, wet 2.25m-4.00m Clay, Silty; soft, dark grey, wet	1383m	South West
GW305874	0.00m-1.20m soil red 1.20m-4.00m sand, grey mg	1405m	East



Groundwater No	Drillers Log	Distance	Direction
GW307282	0.00m-1.80m Silt, Clayey; trace rootlets, brown, moist, medium firm 1.80m-4.00m Sand, Clayey; medium sand, grey, wet, loose	1408m	South West
GW307283	0.00m-1.30m Fill; Asphalt gravel & sand, brown, trace clay, moist, compact to gravelly to HA @ 0.2m 1.30m-1.80m Clay, Silty; grey, moist, medium firm 1.80m-4.00m Sand, Clayey; grey, wet, loose	1447m	South West
GW304900	0.00m-5.00m	1451m	South
GW303782	0.00m-0.80m FILL 0.80m-6.70m SAND GREY FINE 6.70m-7.30m FREE FLOWING SAND GREY MG	1467m	South East
GW304895	0.00m-0.80m Fill 0.80m-6.40m sand white fine 6.40m-7.00m sand free flowing white mg	1515m	South East
GW303751	0.00m-1.30m FILL 1.30m-5.20m SAND WHITE Ma 5.20m-6.10m FREE FLOWING SAND WHITE Ma	1517m	South East
GW303575	0.00m-0.90m fill 0.90m-5.50m sand grey fine 5.50m-6.00m free flowing sand grey mg	1530m	South East
GW303759	0.00m-0.50m FILL 0.50m-6.70m SAND GREY FINE 6.70m-7.30m FREE FLOWING SAND GREY MG	1558m	South East
GW038565	0.00m-3.04m Soil 3.04m-8.22m Clay Sandy Sand Water Supply	1760m	West
GW307096	0.00m-0.30m Fill; Concrete 0.30m-0.50m Sand; dark brown, trace silt, moist, very soft 0.50m-1.50m Silty Clay; dark grey, medium plasticity, moist 1.50m-4.00m Sand, Silty ; dark grey-brown, soft, wet	1877m	South
GW307095	0.00m-0.30m Fill; Concrete 0.30m-0.60m Sand; light brown, wet, very soft 0.60m-1.20m Silty Clay; dark grey brown, high plasticity, stiff 1.20m-4.00m Sand, Silty; dark grey brown, soft, wet, 0.3m-3.5 strong HC odour	1888m	South
GW307097	0.00m-0.30m Fill; Concrete 0.30m-0.50m Sand; dark brown, trace silt, moist, soft 0.50m-1.80m Silty Clay; dark grey brown, medium-high plasticity, moist, trace sand 1.80m-4.00m Sand, Silty; dark grey-brown, soft, wet	1894m	South
GW302828	0.00m-3.00m Soft Claybound Sand 3.00m-3.75m Sand	1912m	South
GW302830	0.00m-3.00m Soft Claybound Sand 3.00m-3.75m Sand	1916m	South
GW301363	0.00m-1.70m SAND 1.70m-2.10m Clay 2.10m-7.10m SAND AQUIFER	1922m	South East
GW302829	0.00m-3.00m Soft Claybound Sand 3.00m-3.75m Sand	1925m	South
GW302833	0.00m-3.00m Soft Claybound Sand 3.00m-3.75m Sand	1936m	South
GW307152	0.00m-0.10m Fill; Bitumen surface 0.10m-0.50m Sand, Silty; brown 0.50m-1.50m Sand; trace silt, white/light brown/yellow, moist 1.50m-2.50m Silty Clay; with trace sand, dark grey/black 2.50m-4.00m Sand, Silty; trace clay, dark grey	1940m	South
GW307175	0.00m-0.10m Fill; Bitumen 0.10m-0.50m Sand, Silty; brown 0.50m-1.50m Sand, trace silt, white light grey/yellow 1.50m-2.50m Silty Clay; trace sand, dark grey/black 2.50m-4.00m Sand, Silty; trace clay, dark grey	1940m	South
GW302967	0.00m-3.00m Soft Clayey Sand 3.00m-4.00m Sand	1943m	South
GW302966	0.00m-3.00m Soft Clayey Sand 3.00m-4.00m Sand	1946m	South
GW302832	0.00m-3.00m Soft Claybound Sand 3.00m-3.75m Sand	1952m	South
GW305962	0.00m-4.60m sand, grey fine 4.60m-5.60m sand, free flowing grey mg	1953m	South
GW301362	0.00m-1.90m SOIL / SAND 1.90m-2.20m CLAY 2.20m-6.00m FREE FLOWING SAND	1956m	South East
GW302831	0.00m-3.00m Soft Claybound Sand 3.00m-3.75m Sand	1958m	South
GW029610	0.00m-1.52m Alluvium Water Supply	1970m	North

Groundwater No	Drillers Log	Distance	Direction
GW307153	0.00m-0.30m Fill; Bitumen surface 0.30m-1.00m Sand, Silty; brown, <50% gravel 1.00m-4.00m Sand, Silty; brown, trace gravel	1970m	South
GW071912	0.00m-2.00m Topsoil & Clay 2.00m-9.00m Sand	1989m	South

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

34 Racecourse Road, Ballina, NSW 2478



## Geology

34 Racecourse Road, Ballina, NSW 2478

### Geological Units 1:250,000

What are the Geological Units within the dataset buffer?

Symbol	Description	Unit Name	Group	Sub Group	Age	Dist	Dir
Qe	Transgressive tidal delta & channel sands & muddy sands, central basin muds, & fluvial bay-head deltas & shoreline deposits of silty sands with rare shells				Cainozoic	0m	On-site
Qb	Prograded barrier beach, foredune & shoreface sands, barrier dune sand & terrestrial dunes & dune deflation areas & backbarrier - washover sand sheets & transgressive barrier deposits				Cainozoic	0m	On-site

### Geological Structures 1:250,000

What are the Geological Structures within the dataset buffer?

Feature	Name	Description	Map Sheet	Distance	Direction
N/A	No records in buffer				

Geological Data Source : NSW Department of Industry, Resources & Energy

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## Naturally Occurring Asbestos Potential

34 Racecourse Road, Ballina, NSW 2478

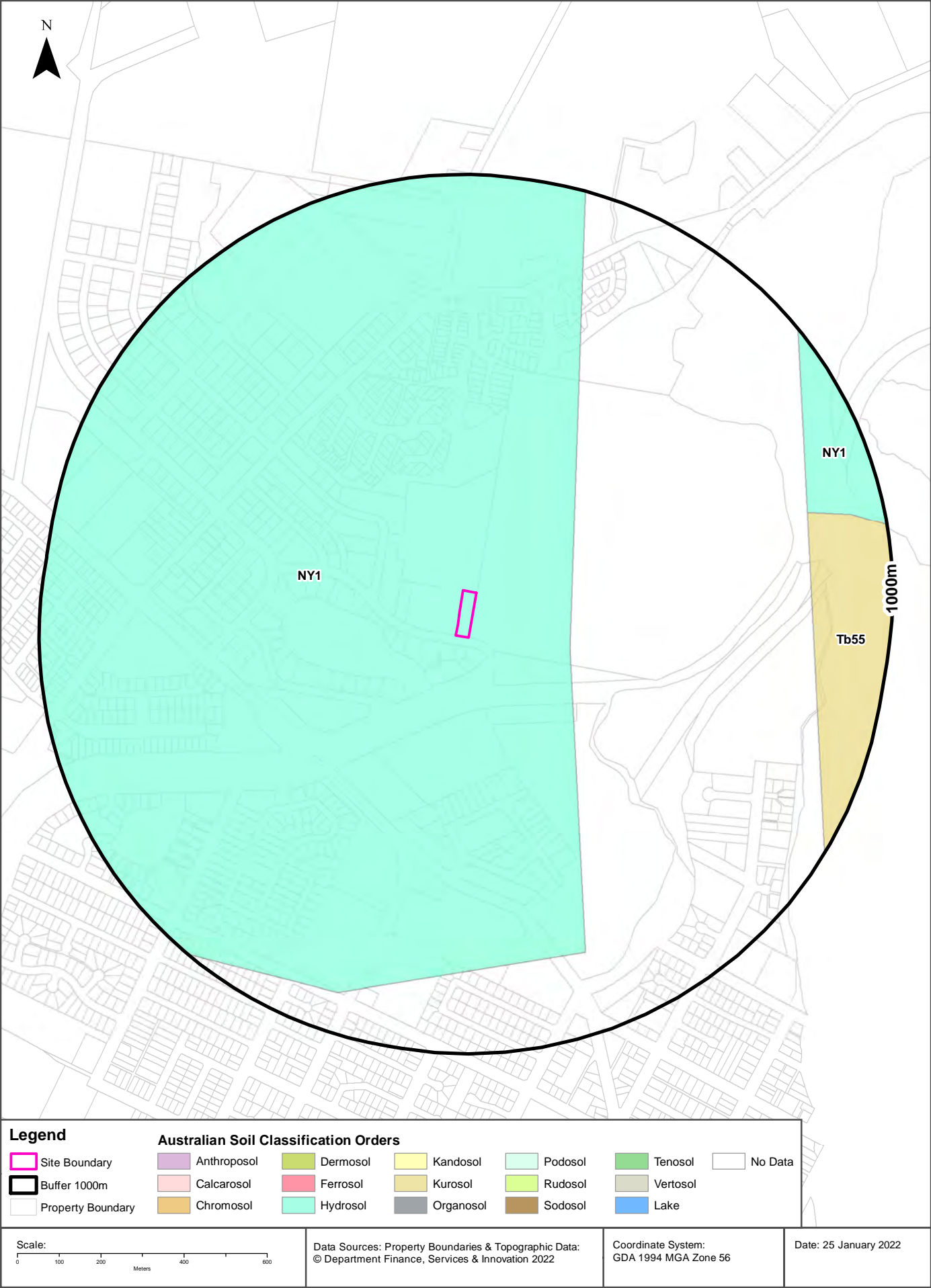
## Naturally Occurring Asbestos Potential

Naturally Occurring Asbestos Potential within the dataset buffer:

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

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





## Soils

34 Racecourse Road, Ballina, NSW 2478

### Atlas of Australian Soils

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

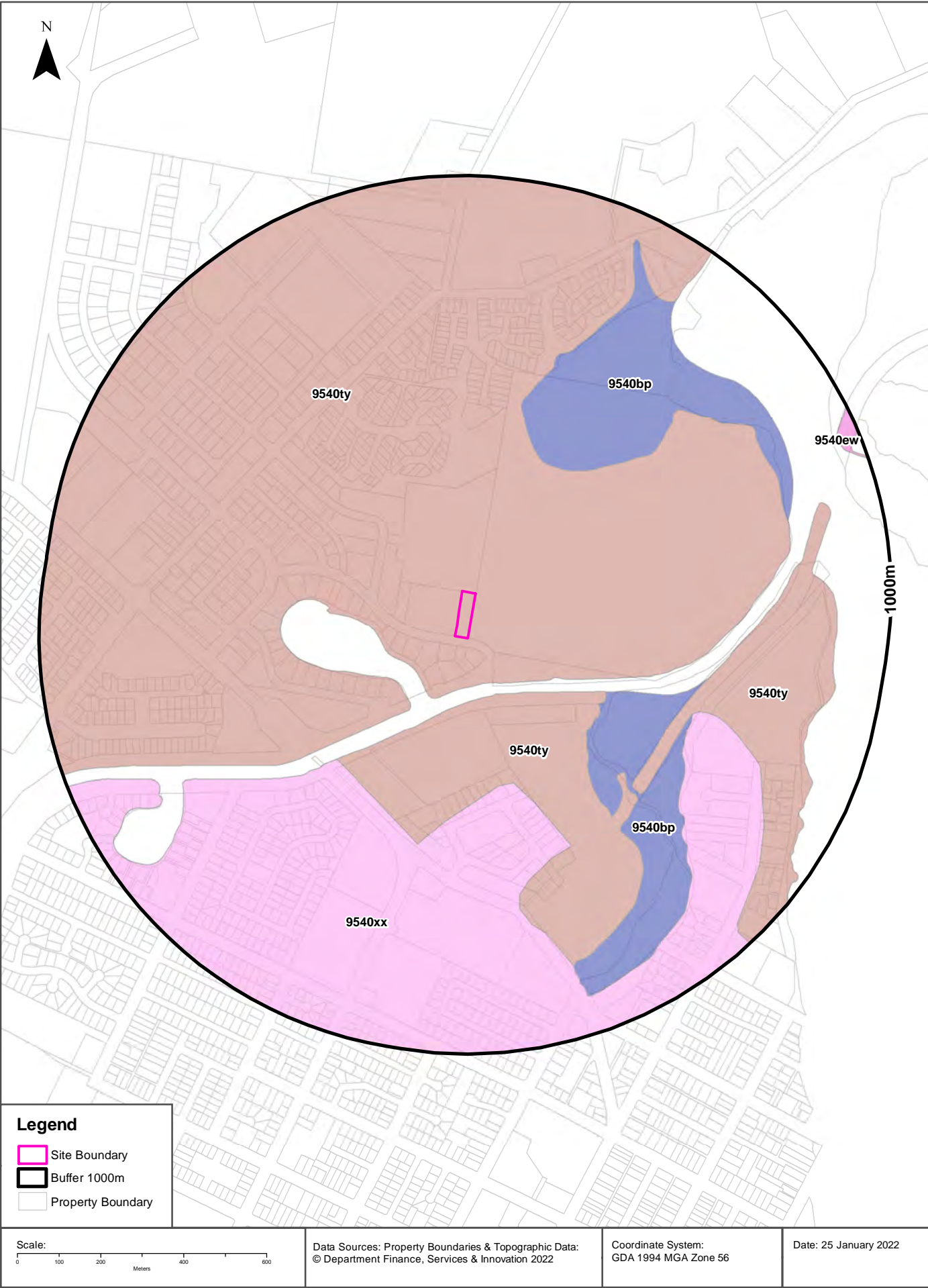
Map Unit Code	Soil Order	Map Unit Description	Distance	Direction
NY1	Hydrosol	Coastal plains, generally low lying, poorly drained, and subject to flooding (lower and middle reaches of river flood-plains, swamps, estuarine areas, and tidal marshes): chief soils seem to be friable acidic gley soils (Dg4.11), (Dg4.41), and (Dg4.81); friable acidic yellow mottled soils (Dy5.11); leached sand soils (Uc2.2) and/or (Uc2.3); and sandy acidic yellow mottled soils (Dy5.61), (Dy5.41), and (Dy5.81) in a complex and not well-known pattern, generally as follows: (i) flat to gently sloping areas of (Dg4.11), (Dg4.41), and (Dg4.81) or (Dy5.11), and/or (Ug5.16) and (Ug5.4), with some (Dd3.11) and (Uf6.41); (ii) sandy flats and swamps of (Uc2.2), and/or (Uc2.3), and/or acid peats (0); and (iii) slightly raised sandy areas of (Dy5.61), (Dy5.41), and (Dy5.81) with (Uc2.2) and (Uc4.2). Small areas of units NY2 (Sheet 3) and B9 are included.	0m	On-site
Tb55	Kurosol	Undulating to hilly: hard acidic yellow mottled soils (Dy3.41) and hard acidic red and red mottled soils (Dr2.21) and (Dr3.21 and Dr3.41), with generally flatter areas of sandy acidic yellow mottled soils (Dy5.61) often containing ironstone gravels. Soil dominance varies locally. As mapped, areas of units Wc7, Tb57, and minor occurrences of units M12 and Mg24 are included.	802m	East

Atlas of Australian Soils Data Source: CSIRO

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# Soil Landscapes of Central and Eastern NSW

34 Racecourse Road, Ballina, NSW 2478



## Soils

34 Racecourse Road, Ballina, NSW 2478

### Soil Landscapes of Central and Eastern NSW

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

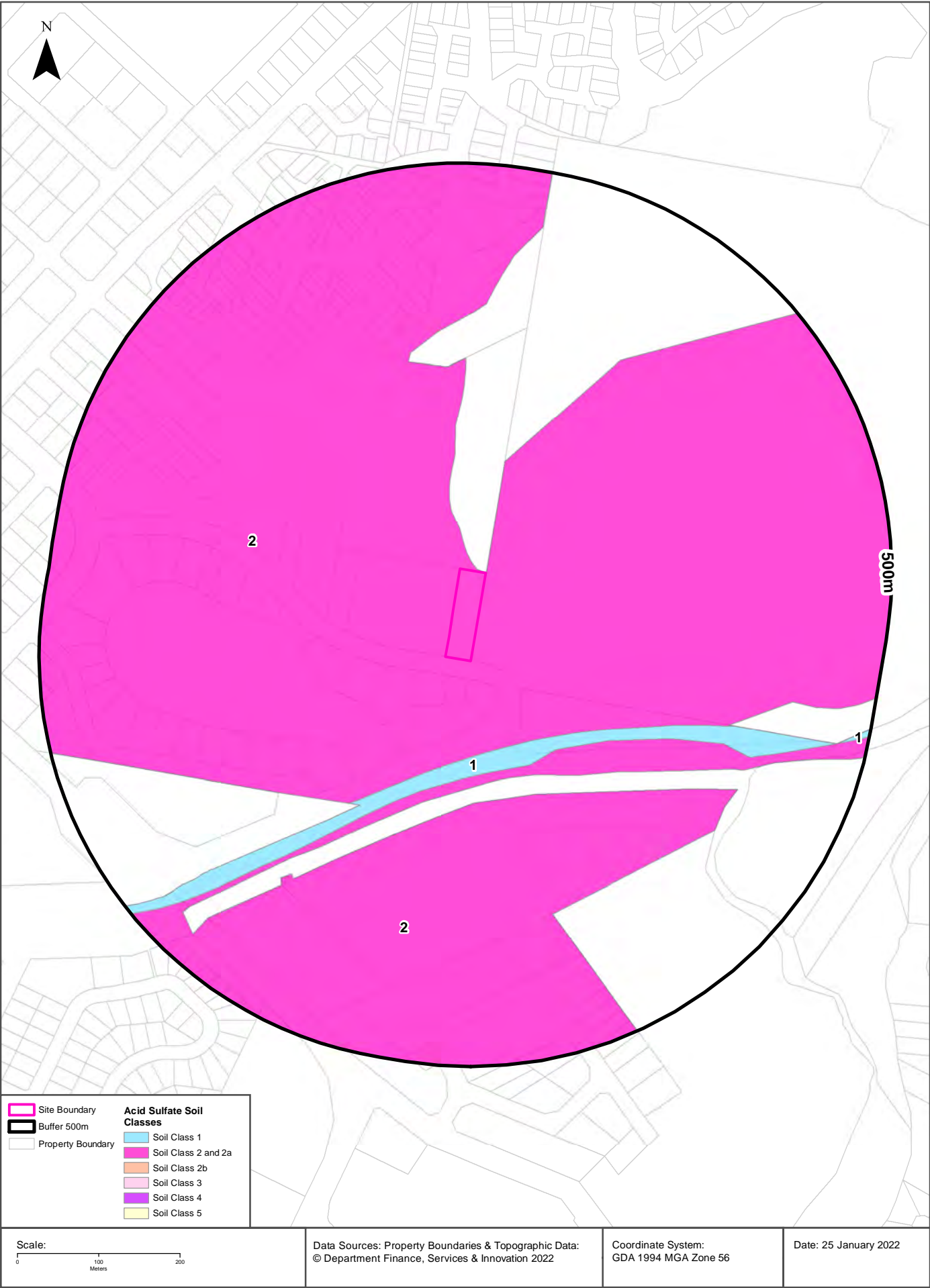
Soil Code	Name	Distance	Direction
<a href="#">9540ty</a>	Tyagarah	0m	On-site
<a href="#">9540bp</a>	Burns Point	351m	South East
<a href="#">9540xx</a>	Disturbed Terrain	362m	South
<a href="#">9540ew</a>	Ewingsdale	942m	North East

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

34 Racecourse Road, Ballina, NSW 2478



## Acid Sulfate Soils

34 Racecourse Road, Ballina, NSW 2478

### 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
2	Works below natural ground surface present an environmental risk; Works by which the watertable is likely to be lowered present an environmental risk	Ballina Local Environmental Plan 2012

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

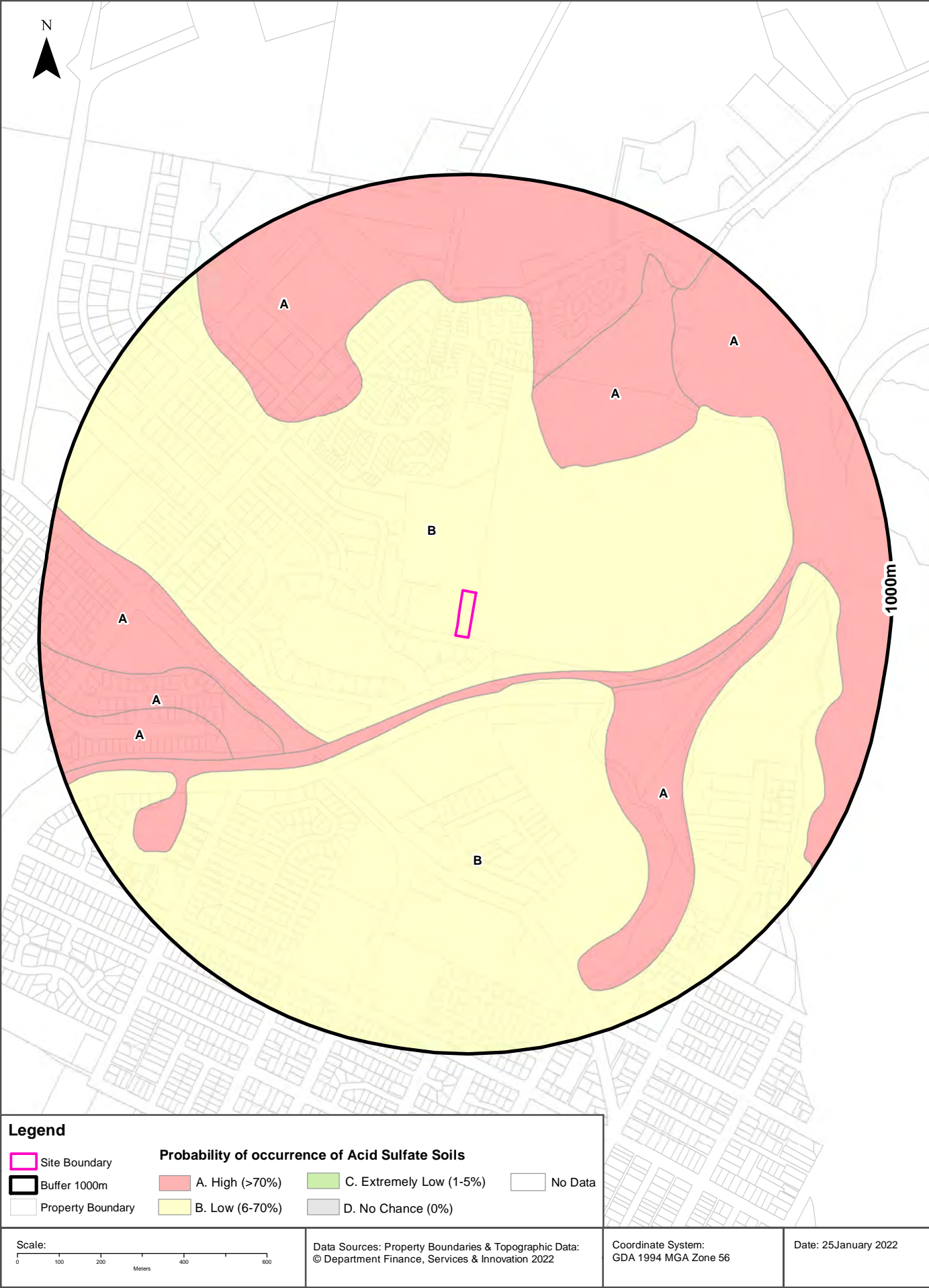
Soil Class	Description	EPI Name	Distance	Direction
N/A				

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# Atlas of Australian Acid Sulfate Soils

34 Racecourse Road, Ballina, NSW 2478



## Acid Sulfate Soils

34 Racecourse Road, Ballina, NSW 2478

### 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.	115m	East

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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## Dryland Salinity

34 Racecourse Road, Ballina, NSW 2478

### 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

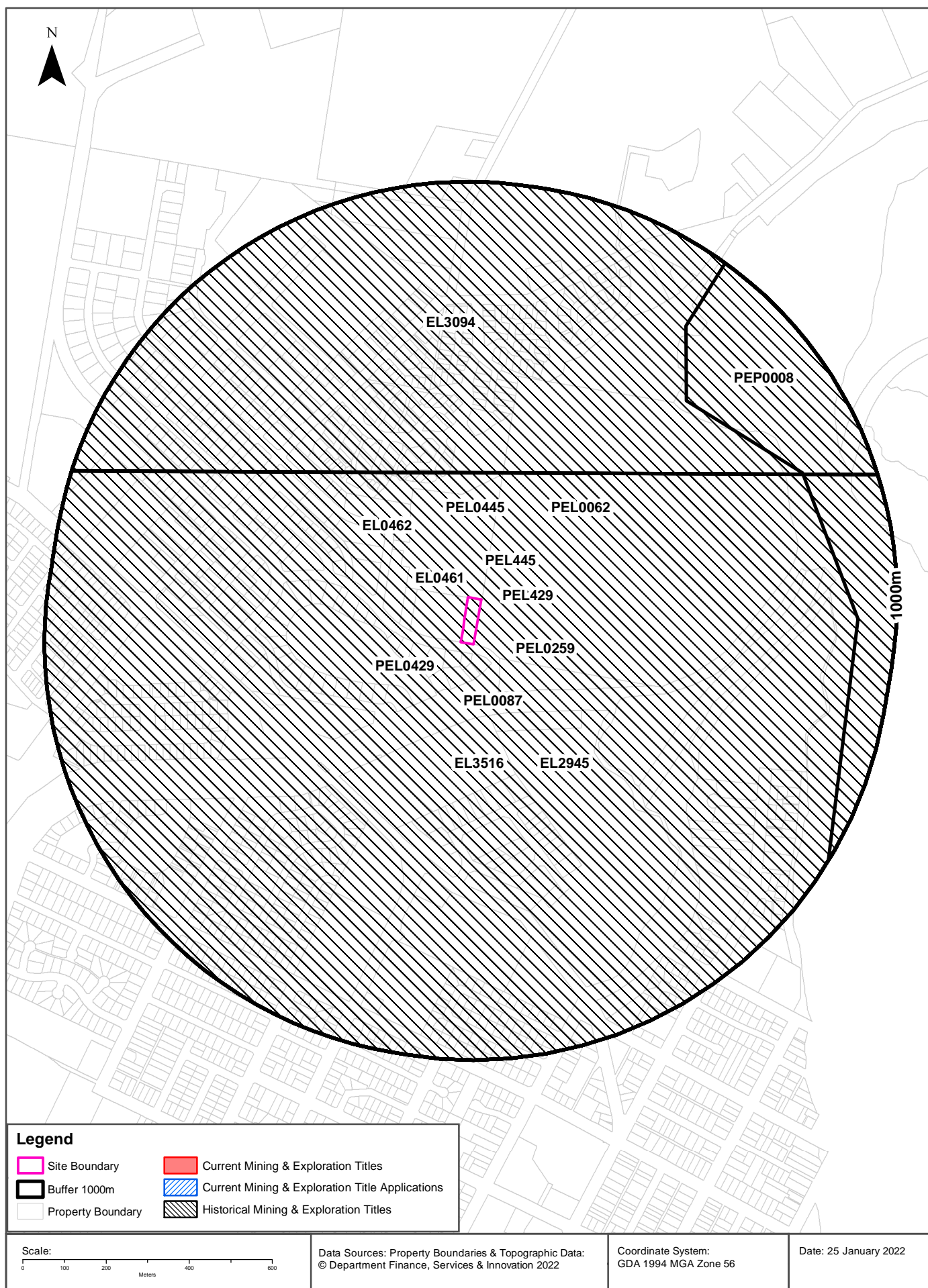
34 Racecourse Road, Ballina, NSW 2478

### 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

34 Racecourse Road, Ballina, NSW 2478

### Current Mining & Exploration Titles

Current Mining & Exploration Titles within the dataset buffer:

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

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

### Current Mining & Exploration Title Applications

Current Mining & Exploration Title Applications within the dataset buffer:

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

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



## Mining

34 Racecourse Road, Ballina, NSW 2478

### Historical Mining & Exploration Titles

Historical Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Start Date	End Date	Resource	Minerals	Dist	Dir
EL3516	BHP MINERALS LIMITED	01 Apr 1990	01 Apr 1991	MINERALS	Heavy mineral sands	0m	On-site
PEL0062	MID-EASTERN OIL			PETROLEUM	Petroleum	0m	On-site
PEL0087	NATIONAL OIL HOLDINGS LTD, ALLIANCE OIL DEVELOPMENT AUSTRALIA NL			PETROLEUM	Petroleum	0m	On-site
PEL0445	DART ENERGY (BRUXNER) PTY LTD	19/04/2004	19/10/2015	PETROLEUM	Petroleum	0m	On-site
EL0461	PLANET METALS LIMITED	01 Jun 1971	01 Dec 1972	MINERALS	Ti Fe Th Heavy mineral sands Zircon	0m	On-site
EL0462	PLANET METALS LIMITED	01 Jun 1971	01 Dec 1972	MINERALS	Ti Fe Th Heavy mineral sands Zircon	0m	On-site
PEL0259	BRIDGE OIL LTD, THE AUSTRALIAN GAS LIGHT CO., CONSOLIDATED PETROLEUM (AUST.) NL, HARTOGEN ENERGY LTD, PROJECT OIL EXPLOR	7/01/1981	6/01/1993	PETROLEUM	Petroleum	0m	On-site
PEL0429	SUNOCO INC	26/10/1999	13/11/2002	PETROLEUM	Petroleum	0m	On-site
PEL429	SUNOCO INC.			MINERALS		0m	On-site
PEL445	DART ENERGY (BRUXNER) PTY LTD			MINERALS		0m	On-site
EL2945	AUSTRALMIN PACIFIC NL	01 Nov 1987	01 Nov 1993	MINERALS	Heavy mineral sands	0m	On-site
EL3094	AUSTRALMIN PACIFIC NL	01 Jun 1988	01 Jun 1993	MINERALS	Heavy mineral sands	300m	North
PEP0008				PETROLEUM	Petroleum	687m	North East

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

# State Environmental Planning Policy

34 Racecourse Road, Ballina, NSW 2478

## State Significant Precincts

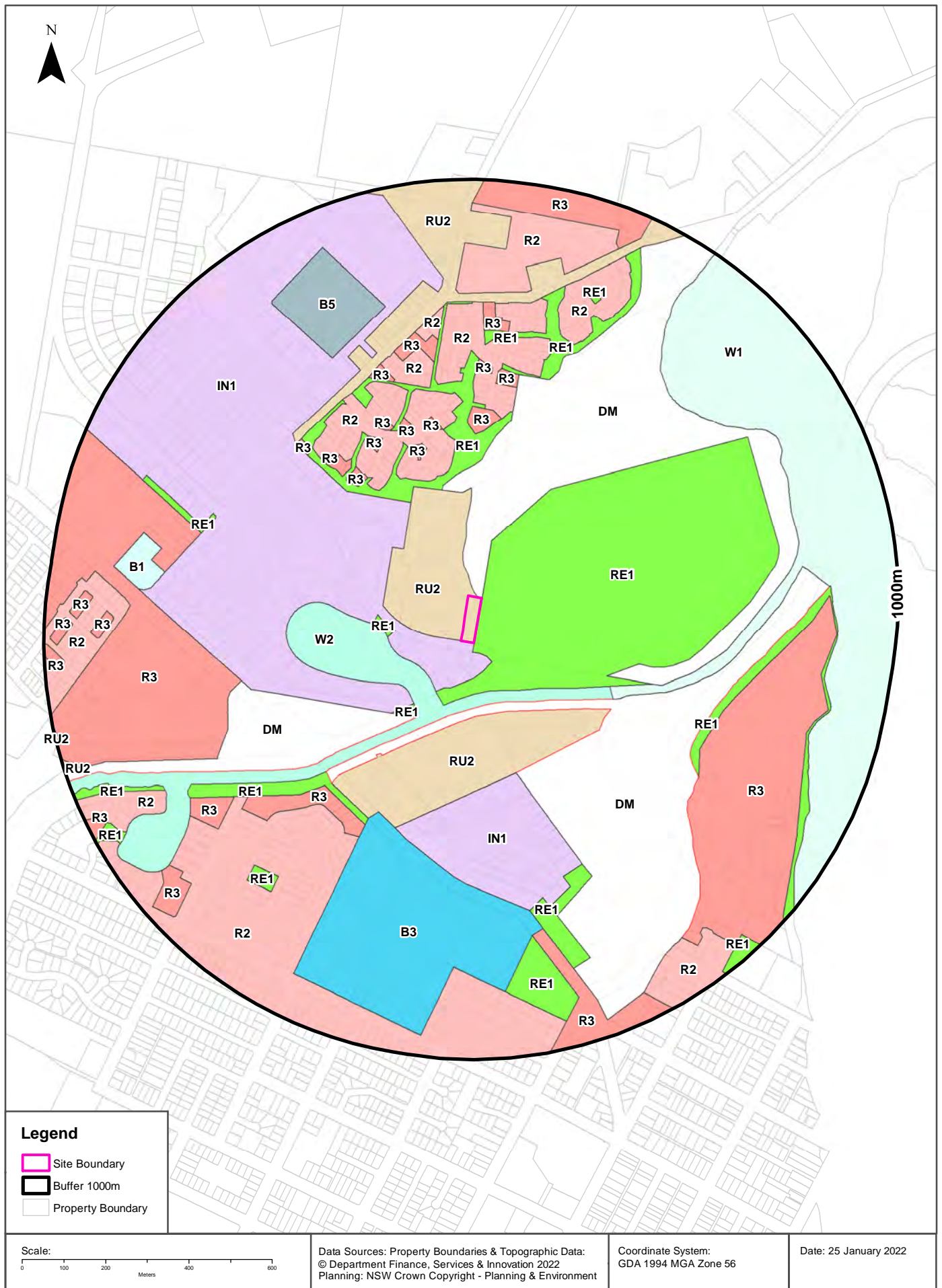
What SEPP State Significant Precincts exist within the dataset buffer?

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

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# EPI Planning Zones

34 Racecourse Road, Ballina, NSW 2478



# Environmental Planning Instrument

34 Racecourse Road, Ballina, NSW 2478

## 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
RU2	Rural Landscape		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		0m	On-site
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		0m	East
IN1	General Industrial		Ballina Local Environmental Plan 2012	10/11/2017	10/11/2017	19/02/2021	Amendment No 31	0m	North West
DM	Deferred Matter		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		0m	North East
W2	Recreational Waterways		Ballina Local Environmental Plan 2012	19/06/2015	19/06/2015	19/02/2021	Amendment No 22	114m	South West
DM	Deferred Matter		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		151m	South East
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		161m	West
RU2	Rural Landscape		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		174m	South
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		188m	South West
DM	Deferred Matter		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		211m	South West
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		263m	North
R2	Low Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		292m	North West
IN1	General Industrial		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		327m	South
W1	Natural Waterways		Ballina Local Environmental Plan 2012	17/08/2018	17/08/2018	19/02/2021	Amendment No 39	341m	East
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		345m	North
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		373m	North West
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		389m	North
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		403m	North
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		408m	North West
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		417m	North West
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		420m	North
R2	Low Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		432m	North
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		439m	North West
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		451m	South West
B3	Commercial Core		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		456m	South
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		477m	South West
R2	Low Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		508m	North
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		513m	North



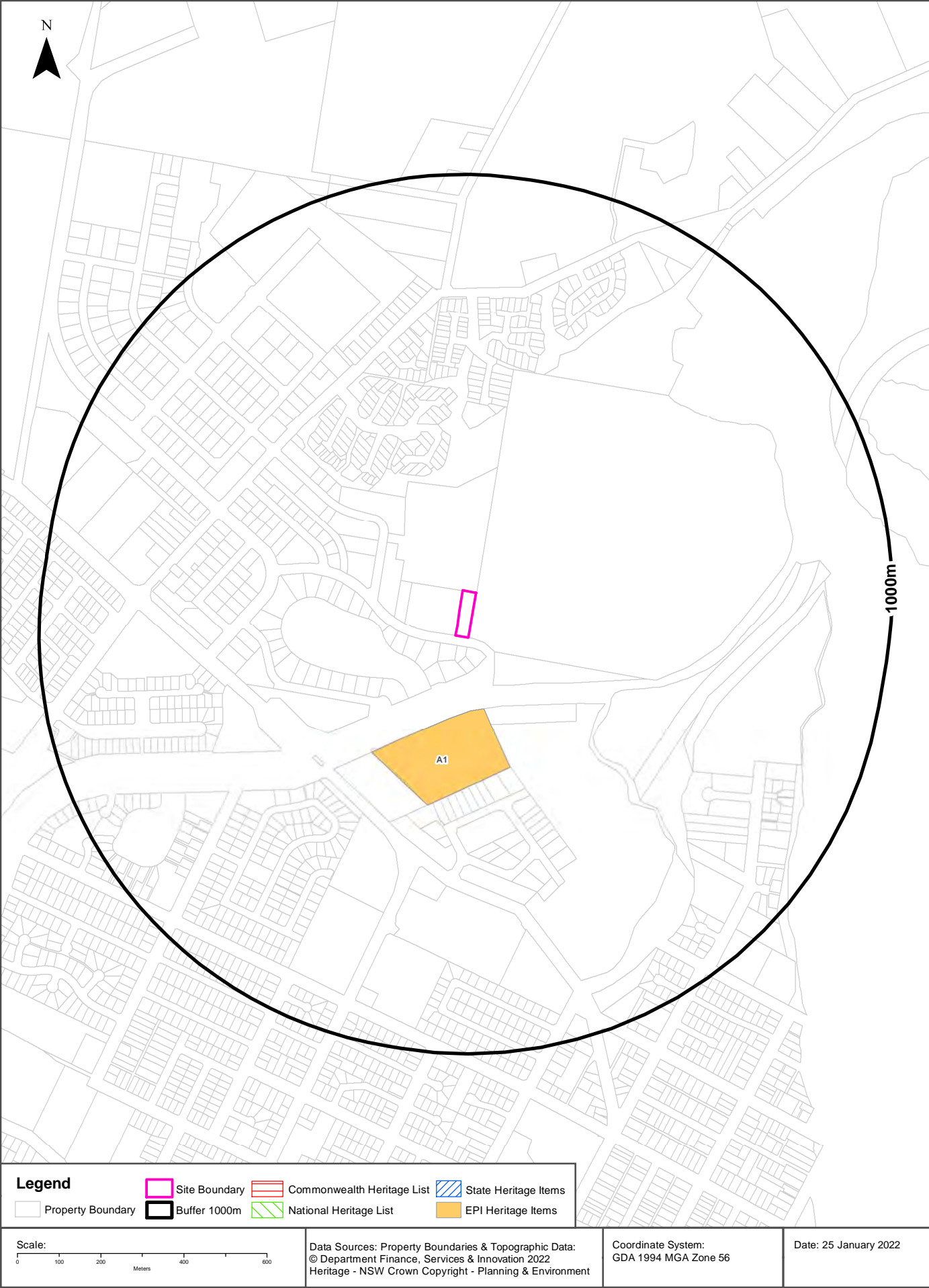
Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		513m	North West
R2	Low Density Residential		Ballina Local Environmental Plan 2012	18/11/2016	18/11/2016	19/02/2021	Amendment No 25	514m	South West
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		535m	West
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		536m	North
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		544m	North
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		546m	North
RU2	Rural Landscape		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		550m	North
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		566m	North
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		577m	South East
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		591m	South
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		597m	South East
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		604m	North
R2	Low Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		618m	North
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		635m	West
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		637m	North
R2	Low Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		646m	North
B5	Business Development		Ballina Local Environmental Plan 2012	10/11/2017	10/11/2017	19/02/2021	Amendment No 31	657m	North West
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		662m	South West
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		704m	South
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		716m	South West
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		716m	South
R2	Low Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		726m	North
B1	Neighbourhood Centre		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		728m	West
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		757m	North
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		795m	South West
R2	Low Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		798m	West
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		835m	West
R2	Low Density Residential		Ballina Local Environmental Plan 2012	17/08/2018	17/08/2018	19/02/2021	Amendment No 39	864m	South East
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		868m	South West
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		889m	West
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		900m	North
RE1	Public Recreation		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		924m	South West
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		931m	West
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		951m	South West

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
R3	Medium Density Residential		Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	19/02/2021		953m	West
RU2	Rural Landscape		Ballina Local Environmental Plan 2012	28/06/2019	28/06/2019	19/02/2021	Amendment No 40	965m	West

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# Heritage Items

34 Racecourse Road, Ballina, NSW 2478



## Heritage

34 Racecourse Road, Ballina, NSW 2478

### 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
N/A	No records in buffer							

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
A1	Ballina Trophy guns site	Item - Archaeological	Local	Ballina Local Environmental Plan 2012	25/01/2013	04/02/2013	17/08/2018	174m	South

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## Natural Hazards

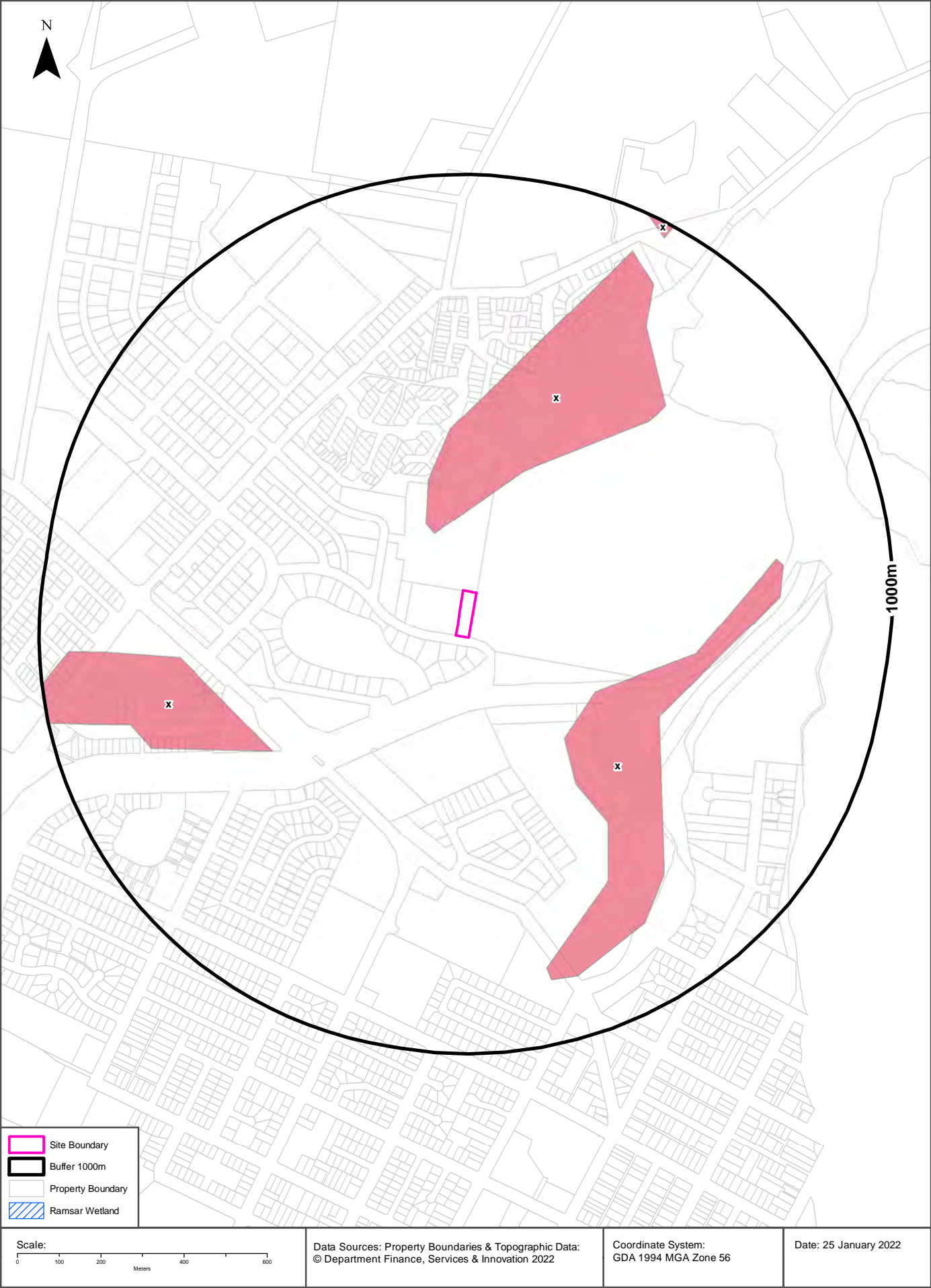
34 Racecourse Road, Ballina, NSW 2478

### Bush Fire Prone Land

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

Bush Fire Prone Land Category	Distance	Direction
Vegetation Buffer	405m	West
Vegetation Category 1	505m	West
Vegetation Category 2	717m	West

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



## Ecological Constraints

34 Racecourse Road, Ballina, NSW 2478

### Vegetation - Eastern Bushland Database (North Region)

What Vegetation exists within the dataset buffer?

Veg Code	Veg Desc	NVISCCode	NVISDesc	Distance	Direction
x	disturbed forest woodland	23	Disturbed bushland	154m	North

Vegetation Eastern Bushland Database Data Source: NSW Office of Environment and Heritage  
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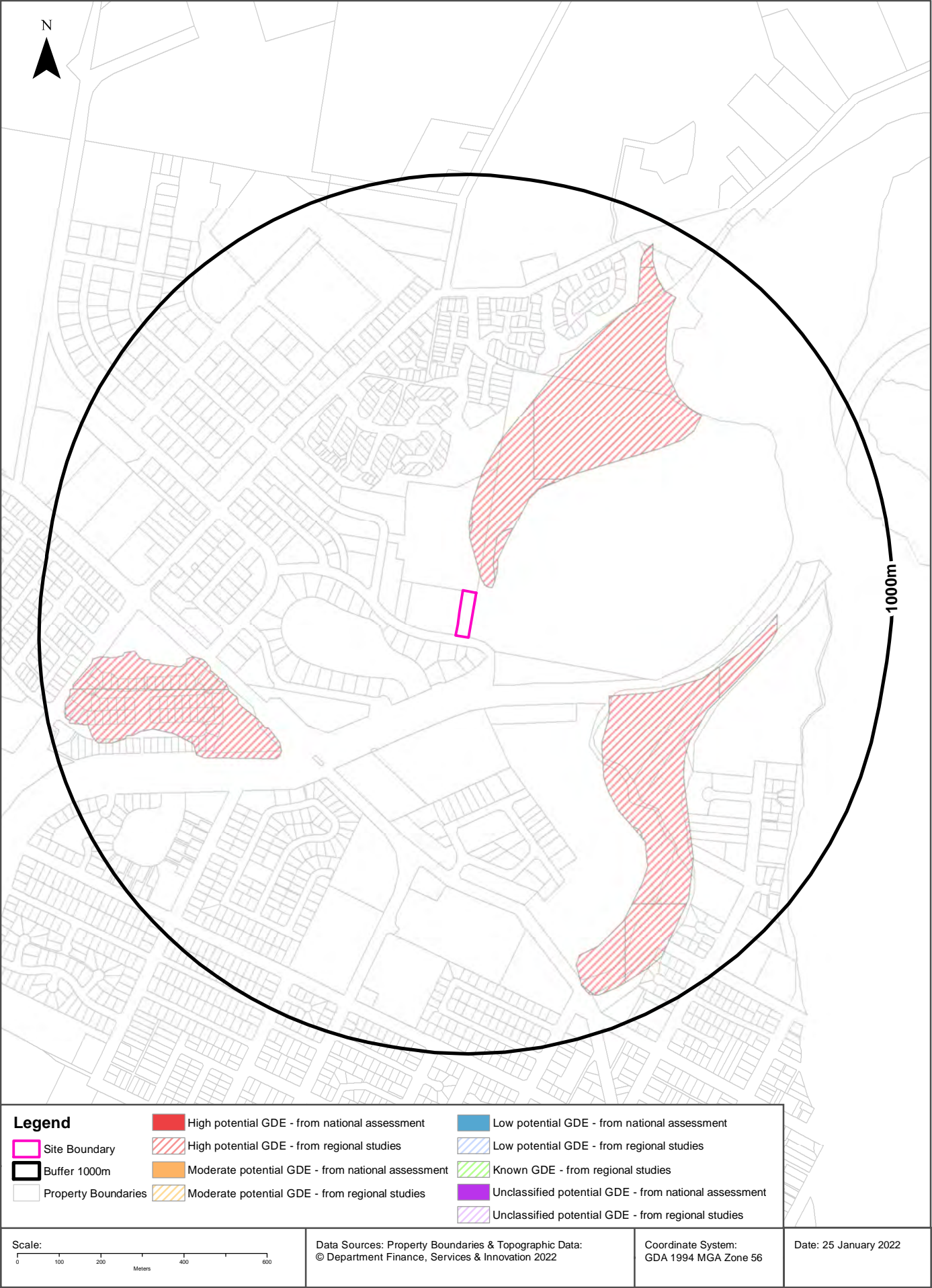
### Ramsar Wetlands

What Ramsar Wetland areas exist within the dataset buffer?

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

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





## Ecological Constraints

34 Racecourse Road, Ballina, NSW 2478

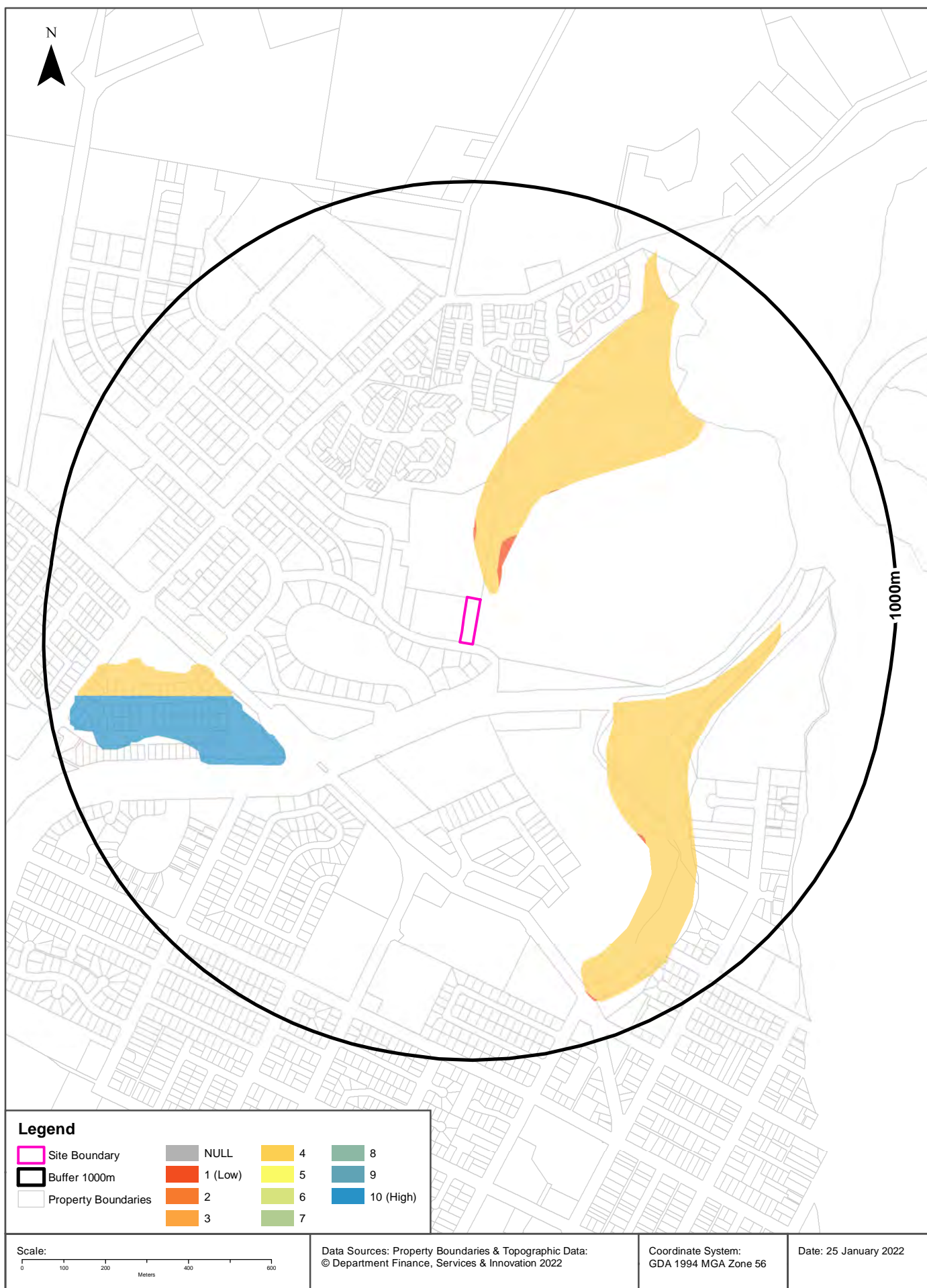
### Groundwater Dependent Ecosystems Atlas

Type	GDE Potential	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Terrestrial	High potential GDE - from regional studies	Coastal lowlands on weak sedimentary rocks, with littoral and alluvial plains.	Vegetation		28m	South East

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

34 Racecourse Road, Ballina, NSW 2478



## Ecological Constraints

34 Racecourse Road, Ballina, NSW 2478

### Inflow Dependent Ecosystems Likelihood

Type	IDE Likelihood	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
Terrestrial	4	Coastal lowlands on weak sedimentary rocks, with littoral and alluvial plains.	Vegetation		28m	South East
Terrestrial	1	Coastal lowlands on weak sedimentary rocks, with littoral and alluvial plains.	Vegetation		53m	North East
Terrestrial	10	Coastal lowlands on weak sedimentary rocks, with littoral and alluvial plains.	Vegetation		495m	West

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

34 Racecourse Road, Ballina, NSW 2478

## NSW BioNet Atlas

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

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Amphibia	Crinia tinnula	Wallum Froglet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Amphibia	Litoria aurea	Green and Golden Bell Frog	Endangered	Not Sensitive	Vulnerable	
Animalia	Amphibia	Litoria olongburensis	Olongburra Frog	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	Actitis hypoleucos	Common Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Amaurornis moluccana	Pale-vented Bush-hen	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Anous stolidus	Common Noddy	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	Anseranas semipalmata	Maggie Goose	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Apus pacificus	Fork-tailed Swift	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Ardenna carneipes	Flesh-footed Shearwater	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Ardenna grisea	Sooty Shearwater	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Ardenna pacifica	Wedge-tailed Shearwater	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Ardenna tenuirostris	Short-tailed Shearwater	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Arenaria interpres	Ruddy Turnstone	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Artamus cyanopterus	Dusky Woodswallow	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Botaurus poiciloptilus	Australasian Bittern	Endangered	Not Sensitive	Endangered	
Animalia	Aves	Burhinus grallarius	Bush Stone-curlew	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Calidris acuminata	Sharp-tailed Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris alba	Sanderling	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris canutus	Red Knot	Not Listed	Not Sensitive	Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris ferruginea	Curlew Sandpiper	Endangered	Not Sensitive	Critically Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris melanotos	Pectoral Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Calidris ruficollis	Red-necked Stint	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris subminuta	Long-toed Stint	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calidris tenuirostris	Great Knot	Vulnerable	Not Sensitive	Critically Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calonectris leucomelas	Streaked Shearwater	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Calyptorhynchus lathami	Glossy Black-Cockatoo	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Carterornis leucotis	White-eared Monarch	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Charadrius leschenaultii	Greater Sand-plover	Vulnerable	Not Sensitive	Vulnerable	ROKAMBA;CAMBA; JAMBA

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Charadrius mongolus	Lesser Sand-plover	Vulnerable	Not Sensitive	Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Chlidonias leucopterus	White-winged Black Tern	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Circus assimilis	Spotted Harrier	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Climacteris picumnus victoriae	Brown Treecreeper (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Coracina lineata	Barred Cuckoo-shrike	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Cuculus optatus	Oriental Cuckoo	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Daphoenositta chrysoptera	Varied Sittella	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Diomedea exulans	Wandering Albatross	Endangered	Not Sensitive	Endangered	
Animalia	Aves	Ephippiorhynchus asiaticus	Black-necked Stork	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Erythrotriorchis radiatus	Red Goshawk	Critically Endangered	Category 2	Vulnerable	
Animalia	Aves	Esacus magnirostris	Beach Stone-curlew	Critically Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Falco subniger	Black Falcon	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Fregata ariel	Lesser Frigatebird	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Fregata minor	Great Frigatebird	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	Gallinago hardwickii	Latham's Snipe	Not Listed	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Gelochelidon nilotica	Gull-billed Tern	Not Listed	Not Sensitive	Not Listed	CAMBA
Animalia	Aves	Glossopsitta pusilla	Little Lorieet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Grus rubicunda	Brolga	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Gygis alba	White Tern	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Haematopus fuliginosus	Sooty Oystercatcher	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Haematopus longirostris	Pied Oystercatcher	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Haliaeetus leucogaster	White-bellied Sea-Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Hieraaetus morphnoides	Little Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Hirundapus caudacutus	White-throated Needletail	Not Listed	Not Sensitive	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Hydroprogne caspia	Caspian Tern	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Irediparra gallinacea	Comb-crested Jacana	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Ixobrychus flavicollis	Black Bittern	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Lichenostomus fasciularis	Mangrove Honeyeater	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Limicola falcinellus	Broad-billed Sandpiper	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Limosa lapponica	Bar-tailed Godwit	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Limosa lapponica baueri	Bar-tailed Godwit (baueri)	Not Listed	Not Sensitive	Vulnerable	
Animalia	Aves	Limosa limosa	Black-tailed Godwit	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Lophoictinia isura	Square-tailed Kite	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Macronectes halli	Northern Giant-Petrel	Vulnerable	Not Sensitive	Vulnerable	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Menura alberti	Albert's Lyrebird	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Nettapus coromandelianus	Cotton Pygmy-Goose	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Ninox connivens	Barking Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Ninox strenua	Powerful Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Numenius madagascariensis	Eastern Curlew	Not Listed	Not Sensitive	Critically Endangered	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	Numenius minutus	Little Curlew	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	Numenius phaeopus	Whimbrel	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	Oceanites oceanicus	Wilson's Storm-Petrel	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Onychoprion anaethetus	Bridled Tern	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	Onychoprion fuscata	Sooty Tern	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pandion cristatus	Eastern Osprey	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Pezoporus wallicus wallicus	Eastern Ground Parrot	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Phaethon lepturus	White-tailed Tropicbird	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	Phaethon rubricauda	Red-tailed Tropicbird	Vulnerable	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	Phalaropus lobatus	Red-necked Phalarope	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	Philomachus pugnax	Ruff	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	Phoebastria fusca	Sooty Albatross	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	Pluvialis fulva	Pacific Golden Plover	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	Pluvialis squatarola	Grey Plover	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA
Animalia	Aves	Podargus ocellatus	Marbled Frogmouth	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pomatostomus temporalis temporalis	Grey-crowned Babbler (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Procelsterna cerulea	Grey Ternlet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pterodroma leucoptera leucoptera	Gould's Petrel	Vulnerable	Not Sensitive	Endangered	
Animalia	Aves	Pterodroma nigripennis	Black-winged Petrel	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pterodroma solandri	Providence Petrel	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Ptilinopus magnificus	Wompoo Fruit-Dove	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Ptilinopus regina	Rose-crowned Fruit-Dove	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Ptilinopus superbus	Superb Fruit-Dove	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Puffinus assimilis	Little Shearwater	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Rostratula australis	Australian Painted Snipe	Endangered	Not Sensitive	Endangered	
Animalia	Aves	Stercorarius longicaudus	Long-tailed Jaeger	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	Stercorarius maccormicki	South Polar Skua	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Stercorarius parasiticus	Arctic Jaeger	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA;JAMBA

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Stercorarius pomarinus	Pomarine Jaeger	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Sterna dougallii	Roseate Tern	Not Listed	Not Sensitive	Not Listed	CAMBA;JAMBA
Animalia	Aves	Sterna hirundo	Common Tern	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Sternula albifrons	Little Tern	Endangered	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Stictonetta naevosa	Freckled Duck	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Sula dactylatra	Masked Booby	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Sula leucogaster	Brown Booby	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Thalassarche bulleri	Buller's Albatross	Not Listed	Not Sensitive	Vulnerable	
Animalia	Aves	Thalassarche cauta	Shy Albatross	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Aves	Thalasseus bergii	Crested Tern	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Thinornis cucullatus cucullatus	Eastern Hooded Dotterel	Critically Endangered	Not Sensitive	Vulnerable	
Animalia	Aves	Todiramphus chloris	Collared Kingfisher	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Tringa brevipes	Grey-tailed Tattler	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Tringa glareola	Wood Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Tringa incana	Wandering Tattler	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Tringa nebularia	Common Greenshank	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Tringa stagnatilis	Marsh Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Tyto longimembris	Eastern Grass Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Tyto novaehollandiae	Masked Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Tyto tenebricosa	Sooty Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Xenus cinereus	Terek Sandpiper	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Gastropoda	Thersites mitchellae	Mitchell's Rainforest Snail	Endangered	Not Sensitive	Critically Endangered	
Animalia	Mammalia	Arctocephalus pusillus doriferus	Australian Fur-seal	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Cercartetus nanus	Eastern Pygmy-possum	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Dasyurus maculatus	Spotted-tailed Quoll	Vulnerable	Not Sensitive	Endangered	
Animalia	Mammalia	Dugong dugon	Dugong	Endangered	Not Sensitive	Not Listed	
Animalia	Mammalia	Falsistrellus tasmaniensis	Eastern False Pipistrelle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Megaptera novaeangliae	Humpback Whale	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Micronomus norfolkensis	Eastern Coastal Free-tailed Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Miniopterus australis	Little Bent-winged Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Miniopterus orianae oceanensis	Large Bent-winged Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Myotis macropus	Southern Myotis	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Nyctophilus bifax	Eastern Long-eared Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Petaurus norfolcensis	Squirrel Glider	Vulnerable	Not Sensitive	Not Listed	



Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Mammalia	Phascolarctos cinereus	Koala	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Physeter macrocephalus	Sperm Whale	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Planigale maculata	Common Planigale	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Pteropus poliocephalus	Grey-headed Flying-fox	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	Scoteanax rueppellii	Greater Broad-nosed Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	Syconycteris australis	Common Blossom-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	Aspidites ramsayi	Woma	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	Caretta caretta	Loggerhead Turtle	Endangered	Not Sensitive	Endangered	
Animalia	Reptilia	Chelonia mydas	Green Turtle	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Reptilia	Dermochelys coriacea	Leatherback Turtle	Endangered	Not Sensitive	Endangered	
Animalia	Reptilia	Eretmochelys imbricata	Hawksbill Turtle	Not Listed	Not Sensitive	Vulnerable	
Plantae	Flora	Acalypha eremorum	Acalypha	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Acronychia littoralis	Scented Acronychia	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Archidendron hendersonii	White Lace Flower	Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Arthraxon hispidus	Hairy Jointgrass	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Blumea lacera		Presumed Extinct	Not Sensitive	Not Listed	
Plantae	Flora	Caesalpinia bonduc	Knicker Nut	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Cryptocarya foetida	Stinking Cryptocarya	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Davidsonia jerseyana	Davidson's Plum	Endangered	Category 2	Endangered	
Plantae	Flora	Davidsonia johnsonii	Smooth Davidson's Plum	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Dendrobium melaleucaphilum	Spider orchid	Endangered	Category 2	Not Listed	
Plantae	Flora	Diploglottis campbellii	Small-leaved Tamarind	Endangered	Category 2	Endangered	
Plantae	Flora	Eleocharis tetraquetra	Square-stemmed Spike-rush	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Endiandra hayesii	Rusty Rose Walnut	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Endiandra muelleri subsp. bracteata	Green-leaved Rose Walnut	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Floydia praealta	Ball Nut	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Fontainea oraria	Coastal Fontainea	Critically Endangered	Category 2	Endangered	
Plantae	Flora	Gossia fragrantissima	Sweet Myrtle	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Hypolepis elegans		Presumed Extinct	Not Sensitive	Not Listed	
Plantae	Flora	Macadamia integrifolia	Macadamia Nut	Not Listed	Not Sensitive	Vulnerable	
Plantae	Flora	Macadamia tetraphylla	Rough-shelled Bush Nut	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Marsdenia longiloba	Slender Marsdenia	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Melicope vitiflora	Coast Euodia	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Myrsine richmondensis	Ripple-leaf Muttonwood	Endangered	Not Sensitive	Endangered	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Plantae	Flora	Oberonia titania	Red-flowered King of the Fairies	Vulnerable	Category 2	Not Listed	
Plantae	Flora	Ochrosia moorei	Southern Ochrosia	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Owenia cepiodora	Onion Cedar	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Peristeranthus hillii	Brown Fairy-chain Orchid	Vulnerable	Category 2	Not Listed	
Plantae	Flora	Phaius australis	Southern Swamp Orchid	Endangered	Category 2	Endangered	
Plantae	Flora	Psilotum complanatum	Flat Fork Fern	Endangered	Category 3	Not Listed	
Plantae	Flora	Pterostylis nigricans	Dark Greenhood	Vulnerable	Category 2	Not Listed	
Plantae	Flora	Rhodamnia maideniana	Smooth Scrub Turpentine	Critically Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Rhodamnia rubescens	Scrub Turpentine	Critically Endangered	Not Sensitive	Critically Endangered	
Plantae	Flora	Rhodomyrtus psidioides	Native Guava	Critically Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Senna acclinis	Rainforest Cassia	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Sophora fraseri	Brush Sophora	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Sophora tomentosa	Silverbush	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Syzygium hodgkinsoniae	Red Lilly Pilly	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Syzygium moorei	Durobby	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Syzygium paniculatum	Magenta Lilly Pilly	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Tinospora tinosporoides	Arrow-head Vine	Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Xylosma terrae-reginae	Queensland Xylosma	Endangered	Not Sensitive	Not Listed	

Data does not include NSW category 1 sensitive species.

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