

Applicant details

Г	T		
Title	Mr		
First given name	Gerard		
Other given name/s			
Family name	Mainey		
Contact number			
Email			
Address			
Is the applicant a company?	No		
Subject Land			
What land does the planning proposal apply to?	Individual properties (five or less lots) within the LGA		
Which LGA does the proposal relate to?	GUNNEDAH		
Type of Planning Proposal			
What controls does the planning proposal relate to ?	The planning proposal relates to map based planning provisions		
Select the site of the development			
Site address #	1		
Street address	671 WANDOBAH ROAD GUNNEDAH 2380		
Local government area	GUNNEDAH		
Lot / Section Number / Plan	47/-/DP755474 4/-/DP114767		
Primary address?	Yes		
Planning controls affecting property	Land Application LEP Land Zoning Height of Building Floor Space Ratio (n:1) Minimum Lot Size Heritage Land Reservation Acquisition Foreshore Building Line		
	Infrastructure		

Planning Proposal - subject provisions

Which planning provisions does the planning proposal seek to amend? (select all that apply)	Land use zone Minimum lot size
Please provide a brief description of the effect of the planning proposal	To amend the Gunnedah Local Environmental Plan, 2012 to enable the redevelopment of Lot 47 in DP755474 and Lot 4 in DP114767 for large lot residential holdings with a minimum Lot size of 1.2 ha

Prelodgement meeting	
Has a pre-lodgement meeting occurred?	No
Planning Agreement	
Is the application accompanied by a Planning Agreement?	No
Pecuniary interest	
Is the applicant or owner an employee or councillor of the council assessing the application?	No
Does the applicant or owner have a relationship with any staff or council or of the Councillor assessing the application?	No
Political Donations	
Are you aware of any person who has financial interest in the application who has made a political donation or gift in the last two years?	No
Payer details	
First name	Gerard
Other given name/s	
Family name	Mainey
Contact number	

Application documents

Email

Billing address

The following documents support the application

Document type			Document file name
Draft Planning Proposal			Rezoning Report Try On Rezoning Report Appendix
Map of the applicable land area		5832	Rezoning Map
Other		5832	Application Form

Declarations

I declare that all the information in my application and accompanying documents is, to the best of my knowledge, true and correct.	Yes
I understand that the application and the accompanying information will be provided to the appropriate consent authority and relevant agency(ies) for the purposes of the assessment of this application.	Yes
I understand that if incomplete, the consent authority may request more information, which will result in delays to the application.	Yes
The Planning Proposal authority may use the information and materials provided for notification, advertising purposes, and may be made available to the public for inspection. Information related to the application may also become available via NSW Planning Portal.	Yes
I acknowledge that copies of this application and supporting documentation may be provided to interested persons in accordance with the Government Information (Public Access) 2009 (NSW) (GIPA Act) under which it may be required to release information which you provide to it.	Yes
I agree to the appropriately delegated assessment officers attending the site for the purpose of inspection.	Yes
I have read and agree to the collection and use of my personal information as outlined in the	Yes



Gateway Determination

Planning proposal (Department Ref: PP-2023-635): to rezone Lot 47 DP755474 and Lot 4 DP114767, 671 Wandobah Road, Gunnedah from RU1 Primary Production to R5 Large Lot Residential and amend the minimum lot size.

I, the Director, Northern Region at the Department of Planning and Environment, as delegate of the Minister for Planning and Public Spaces, have determined under section 3.34(2) of the *Environmental Planning and Assessment Act 1979* (the Act) that an amendment to the Gunnedah Local Environmental Plan 2012 to rezone Lot 47 DP755474 and Lot 4 DP114767, 671 Wandobah Road, Gunnedah from RU1 Primary Production to R5 Large Lot Residential and amend the minimum lot size should proceed subject to the following conditions:

The LEP should be completed within nine months from the date of the Gateway determination.

Gateway Conditions

- 1. Prior to community consultation the planning proposal is to be updated to address consistency with Gunnedah Local Strategic Planning Statement.
- 2. Public exhibition is required under section 3.34(2)(c) and clause 4 of Schedule 1 to the Act as follows:
 - (a) the planning proposal is categorised as standard as described in the Local Environmental Plan Making Guidelines (Department of Planning and Environment, 2022) and must be made publicly available for a minimum of 20 working days; and
 - (b) the planning proposal authority must comply with the notice requirements for public exhibition of planning proposals and the specifications for material that must be made publicly available along with planning proposals as identified in *Local Environmental Plan Making Guidelines* (Department of Planning and Environment, 2022).
- 3. Consultation is required with the following public authorities and government agencies under section 3.34(2)(d) of the Act and/or to comply with the requirements of applicable directions of the Minister under section 9 of the EP&A Act:



Biodiversity and Conservation Division

Mining, Exploration and Geoscience

- NSW Department of Primary Industries Agriculture
- Red Chief Local Aboriginal Land Council

Each public authority is to be provided with a copy of the planning proposal and any relevant supporting material via the NSW Planning Portal and given at least 30 days to comment on the proposal.

4. A public hearing is not required to be held into the matter by any person or body under section 3.34(2)(e) of the EP&A Act. This does not discharge Council from any

obligation it may otherwise have to conduct a public hearing (for example, in response to a submission or if reclassifying land).

Dated 26 day of February 2024.

Jeremy Gray Director, Northern Region Local and Regional Planning Department of Planning, Housing and Infrastructure

Delegate of the Minister for Planning and Public Spaces



GATEWAY APPLICATION

PLANNING PROPOSAL

PROPOSED REZONING LOT 47 DP755474 & LOT 4 DP114767 'TRY ON' 671 WANDOBAH ROAD, GUNNEDAH

FROM RU1 TO R5 LARGE LOT RESIDENTIAL WITH A MINIMUM LOT SIZE OF 9000 SQUARE METRES

DATE: 5 APRIL 2024

PREPARED FOR:

KATE AND GERARD MAINEY

PREPARED BY:

Stewart Surveys Pty Ltd 107-109 Conadilly Street, PO Box 592 GUNNEDAH NSW 2380 office@stewartsurveys.com

Stewart Surveys Reference 5832

Page 5 of 83

REPORT PREPARATION

Name:	Kathryn Stewart
Qualifications:	Bachelor of Landscape Architecture (UNSW) Masters of Environmental Management (UNSW)
	Registered Landscape Architect (#001493)
Company:	Stewart Surveys Pty Ltd
	ABN: 65 002 886 508
	PO Box 592, Gunnedah NSW 2380
	(02) 6742 2966
	office@stewartsurveys.com

This Gateway Application Planning Proposal has been prepared by our office to accompany a council application. To the best of our knowledge, the content of this statement is true in all material particulars and does not, by its presentation or omission of information, materially mislead.

SITE PARTICULARS

Lot Particulars:

Address:

Local Government Area:

Land Owners:

Date:

Lots 47 in DP755474 and 4 in DP114767

671 Wandobah Road, Gunnedah

Gunnedah

Gerard Paul Mainey & Kate Mainey

Version 1: 24 March 2023 Version 2: 1 June 2023 (updated proposed MLS to 9000m²) Version 3: 18 October 2023 Version 4: 5 April 2024

CONTENTS

INTRODUCTION	4
SUBJECT SITE PARTICULARS	4
PART ONE – OBJECTIVES AND INTENDED OUTCOMES	11
PART TWO – EXPLANATION OF PROVISIONS	11
PART THREE – JUSTIFICATION OF STRATEGIC AND SITE SPECIFIC MERIT	12
SECTION A – NEED FOR PLANNING PROPOSAL	20
SECTION B – RELATIONSHIP TO STRATEGIC PLANNING FRAMEWORK	20
SECTION C – ENVIRONMENTAL SOCIAL AND ECONOMIC IMPACT	30
SECTION D – INFRASTRUCUTRE (LOCAL, STATE AND COMMONWEALTH)	37
SECTION E – STATE AND COMMONWEALTH INTERESTS	37
PART FOUR – MAPS	37
PART FIVE – COMMUNITY CONSULTATION	38
PART SIX – PROJECT TIMELINE	39
CONCLUSION	39 39
REFERENCES	39 40
REFERENCES	40
List of Figures	
Figure 1: Plan of Portion 47, Parish of Black Jack	5
Figure 2: Deposited Plan 114767	6
Figure 2: Deposited Plan 114767 Figure 3: Aerial Photograph of the site	7
Figure 4: Photo of existing residence access from Wandobah Road	
Figure 5: Site Photo from intersection of Black Jack Forest Road and Wandobah Road looking South East across the	e
property	
Figure 6: Intersection of Black Jack Forest Road and Wandobah Road.	
Figure 7: Current Zoning Map (extract from LZN-005A)	
Figure 8: Current Lot Size Map (extract from LSZ_005A)	
Figure 9: Proposed Land Zoning amendment to Map LZN-005A.	
Figure 10: Proposed Lot Size Map Amendment to LSZ_005A	
Figure 11: Recommendations for new residential Development 2023 Local Housing Landuse Strategy	
Figure 12: Dial Before you Dig Search (Gunnedah Shire Council)	
Figure 13: Photo of Black Jack Forest Road looking East Figure 14: Bushfire Prone Land (Eplanning Portal)	
Figure 15: Flood Prone Land Search (Eplanning Portal)	
Figure 16: Topographic Map (Source: Wondoba 8935-4N GeoPDF Topographic Map 2017 Edition)	
Figure 17: Mine Subsidence District	
Figure 18: Mining Leases surrounding the site (Min View)	
Figure 19: Aerial Photo of the subject site (Eplanning)	
Figure 20: Vegetation Mapping (Seed Portal)	
Figure 21: Map showing Koala Sightings	
Figure 22: Map showing Little Lorikeet, Swift Parrot, Turquoise Parrot, Brown Treecreeper & Speckled Warbler	
sightings	33
Figure 23: Map showing Dusky Woodswallow, Spotted-tailed Quoll, Grey-headed Flying-fox, Hoary Wattled bat,	
Eastern Cave Bat sightings	
Figure 24: Biodiversity Offset Scheme Entry Threshold Map	

List of Tables

Table 1: State Environmental Planning Policy (SEPP) application to this planning proposal	21
Table 2: Table of Vulnerable or Critically endangered fauna observed around the site	32
Table 3: NSW EPA Record of Notices in the Gunnedah Shire Council LGA	36

INTRODUCTION

This Gateway Application has been prepared for the applicants, Gerard and Kate Mainey by Stewart Surveys Pty Ltd.

The land to which this application applies is Lot 47 in DP755474 and Lot 4 in DP114767, located at 671 Wandobah Road, Gunnedah on the corner of Black Jack Forest Road and Wandobah Road south of Gunnedah. The property is located within the RU1 Primary Production zone with a minimum lot size of 40 hectares under the Gunnedah Local Environment Plan, 2012 (hereby referred to as GLEP, 2012). The land also comes under the provisions of the Gunnedah Development Control Plan 2012 (referred to as the DCP). Planning proposals are prepared under section 3.4 of the Environmental Planning and Assessment Act 1979.

The site contains a single residence and associated outbuildings and has a history of being utilised as a hobby farm block. Aerial and site photographs in this report illustrate the existing character of the subject site.

This gateway application has been prepared in accordance with the document *Local Environmental Plan Making Guideline*, published by the NSW Department of Planning, Industry and Environment in September 2022 hereby referred to as the guideline.

In accordance with section 3.33 (2) of the Environmental Planning and Assessment Act, 1979 and the guideline this application is presented in the following format:

- Part 1 Objective or intended outcome
- Part 2 Explanation of the provisions
- Part 3 Justification of strategic and site-specific merit
- Part 4 Maps
- Part 5 Community Consultation
- Part 6 Project Timeline

SUBJECT SITE PARTICULARS

The subject site is rectangular in shape with an area of 35.9 hectares. It has 1.2 km frontage to Wandobah Road and 268 metres frontage to Black Jack Forest Road. The depth of the block varies with a width of 268.55 metres along the northern boundary and 343 metres along the southern boundary. The property can be described as a small rural holding with one residence and a number of associated outbuildings. The residence is accessed from Wandobah Road which is of bitumen formation. **Figure 1** and **Figure 2** are the Deposited Plans of the property, **Figure 3** is an aerial image of the property and **Figure 4** to **Figure 6** are site photos showing the character of the subject site.





Figure 1: Plan of Portion 47, Parish of Black Jack





Figure 3: Aerial Photograph of the site







Figure 4: Photo of existing residence access from Wandobah Road



Figure 5: Site Photo from intersection of Black Jack Forest Road and Wandobah Road looking South East across the property



Figure 6: Intersection of Black Jack Forest Road and Wandobah Road.

This gateway applies to the following lots:

Lot No.	DP	Zoning	Minimum Lot Size
47	755474	RU1	40Ha
4	114767	RU1	40Ha

Figure 7 illustrates the current zoning of the subject site as illustrated in the Gunnedah Local Environment Plan 2012 Map LZN-005A. **Figure 8** illustrates the current lot size for the subject site as illustrated in the GLEP, 2012 Map LSZ-005A. Full scale map appended to this report.





Figure 8: Current Lot Size Map (extract from LSZ_005A)

PART ONE – OBJECTIVES AND INTENDED OUTCOMES

Objective

To amend the Gunnedah Local Environmental Plan, 2012 to enable the redevelopment of Lot 47 in DP755474 and Lot 4 in DP114767, for Large Lot Residential holdings with a minimum lot size of 9000sqm.

Intended Outcomes

- Provide additional rural residential housing in close proximity to the town of Gunnedah
- Contribute to the residential community by supporting public services and extending services to the development.

PART TWO – EXPLANATION OF PROVISIONS

The proposed outcome will be achieved by:

- Amending the Gunnedah Local Environmental Plan, 2012 Land Zoning Map LZN-005A on Lot 47 in DP755474 and Lot 4 in DP114767, being 671 Wandobah Road, Gunnedah to R5 Large Lot Residential in accordance with the proposed zoning map shown in **Figure** 9; and
- Amending the Lot Size Map LSZ 005A on Lot 47 in DP755474 and Lot 4 in DP114767, being 671 Wandobah Road, Gunnedah to "Y" 9000sqm in accordance with the proposed lot size map shown in **Figure 10**.



Figure 9: Proposed Land Zoning amendment to Map LZN-005A.

Proposed zoning

Lot No.	DP	Proposed Zoning
47	755474	R5 – Large Lot Residential
4	114767	R5 – Large Lot Residential



Figure 10: Proposed Lot Size Map Amendment to LSZ_005A

Proposed Minimum Lot Size

	Lot No.	DP	Proposed Zoning
ſ	47	755474	Y – 9000sqm
	4	114767	Y – 9000sqm

PART THREE - JUSTIFICATION OF STRATEGIC AND SITE SPECIFIC MERIT

The subject site is located on the edge of a current area of large lot residential development with adjoining land along Black Jack Forest Road containing 1.2 hectare large lot residential holdings. Demand for large lot residence holdings has been high and available lots of this size currently on the residential market are difficult to procure. The subject site is an ideal extension of the existing land use pattern in the area of south Gunnedah.

The current land use strategy for the site is the Gunnedah Shire Local Housing Strategy in June 2023, prepared by Elton Consulting. The subject site is recommended in this strategy for future R5 Residential zone. This report references the site as an opportunity for additional R5 adjacent to existing. It is also noted that council should consider reducing the minimum lot size to less than one hectare, **Figure 11** show an extract from this report.



Figure 11: Recommendations for new residential Development 2023 Local Housing Landuse Strategy

Gunnedah Local Environmental Study Bridging Report 2010 & Gunnedah Shire Rural Lands Strategy 2007

These two strategic reports were prepared prior to the rezoning of land in the Gunnedah Local Environmental Plan, 2012. The reports were prepared to guide the rezoning and to aid council to make strategic decisions to promote community and economic growth and facilitate development whilst implementing sound environmental management principals. The bridging report brings together the findings and objectives of a number of past strategies including the Rural Lands Strategy, identified that Gunnedah was in decline, circa 2003, and new residential lot demand was two (2) per year with available supply in 2010 of 175 lots.

As there was low demand for residential lots at the time, the bridging document recommended that no further rural residential land should be release on the fringes, noting there was sufficient supply of residential land to cater for demand. The report further notes the once "future urban" land is taken up rezoning is supported.

The bridging study identified a number of small rural holdings which were not viable or productive due to their size. It recommended that productive rural holdings have an area of 200 hectares and intensive rural uses had an area of 10 hectares. For rural residential land, zoned 1 (c) at the time of the report, now zoned R5 Large Lot Residential, a minimum lot size of 0.6 hectares with an average lot size of 1.2 hectares across a development was recommended.

The subject site was identified in the rural zone with a minimum lot size of 40 hectares. This recommendation was actioned in the Gunnedah Local Environmental Plan, 2012. The holding has an area of 35.9 hectares and could be capable of running 6-8 head of cattle as an agricultural pursuit. The property is not capable of sustaining employment on its own. There has been a shift in demand for rural residential land in Gunnedah and the land identified as "Future Urban" in the 2010 bridging report has been taken up. Therefore, rezoning of land on the fringe of the Gunnedah urban development is consistent with Gunnedah Local Environmental Study Bridging report and given the size of the land we do not believe it is viable for agricultural pursuits due to its size and location.

The strategy outlines to "provide for sustainable rural living whilst recognising economic, social, environmental, rural matters and purposes. The bridging document suggests the following actions: Provide for new rural residential development where appropriate services can be provided and impacts can be minimised. We have reviewed the Gunnedah Local Environmental Study Bridging Report 2010 and Gunnedah Shire Rural Lands Strategy 2007 and believe the proposed rezoning is consistent with these reports.

A review of the current land use planning for Gunnedah shows that the site has been earmarked for large lot residential development, it is therefore consistent with the planned and logical expansion of Gunnedah's Residential area and has strategic merit.

Gunnedah Shire Local Strategic Planning Statement – Future 2040 (LSPS)

The Gunnedah Shire Local Strategic Planning Statement, sets out the 20 year vision and road map for future land use. Action 24 of the LSPS is to develop a housing strategy that identifies and prioritises areas for growth and with regard to housing demand that avoid important agricultural lands. It is considered that this planning proposal which is consistent with the housing strategy as the site is identified as potential for future rural residential land and the recommended minimum lot size of the draft Gunnedah Local Housing Strategy is 9000 square metres. Therefore we believe the proposed rezoning is consistent with the Gunnedah LSPS. As outlined in the LSPS, the housing strategy also needs to focus on development with regards to housing demand, trends and affordability, looking to the future housing needs of the Gunnedah Shire.

Gunnedah Local Environmental Plan, 2012 R5 Large Lot Residential Zone

The objectives of the R5 Large Lot Residential zone under the GLEP, 2012 are:

- To provide residential housing in a rural setting while preserving, and minimising impacts on, environmentally sensitive locations and scenic quality.
- To ensure that large residential lots do not hinder the proper and orderly development of urban areas in the future.
- To ensure that development in the area does not unreasonably increase the demand for public services or public

facilities.

- To minimise conflict between land uses within this zone and land uses within adjoining zones.
- To provide a restricted range of opportunities for employment, development and community facilities and services that do not unreasonably or significantly detract from—
 - (a) the primary residential function, character and amenity of the neighbourhood, and
 - (b) the quality of the natural and built environments.

We have provided an explanation on how the proposed development will meet the objectives of the R5 zone below.

To provide residential housing in a rural setting while preserving, and minimising impacts on, environmentally sensitive locations and scenic quality.

Initial review and searches of the subject site area have not identified any environmentally sensitive areas on the subject site. The site is not located on a hill and therefore, we don't believe the location has high scenic quality with visibility being restricted to Wandobah and Black Jack Forest Roads and the adjoining properties. Therefore, we believe the proposed rezoning of this property will provide additional residential housing in a rural setting with minimal impact on environmentally sensitive locations and scenic quality.

To ensure that large residential lots do not hinder the proper and orderly development of urban areas in the future.

The proposed development site is located adjacent to the existing R5 zone along Black Jack Forest Road. As the subject site has two road frontages it allows for development along these existing frontages in an orderly extension of the existing R5 zone, which is consistent with Gunnedah's residential land use strategic planning.

<u>To ensure that development in the area does not unreasonably increase the demand for public services or public</u> <u>facilities.</u>

The subject site is located adjacent to the current reticulated water supply along Black Jack Forest Road. The developer will extend this service within the road reserve along Wandobah Road to service the development. Stewart Surveys has had consultation with Gunnedah Shire Council to confirm that the existing water service with upgrade minor works has the capacity to service this holding. The land owners is willing to enter into a Voluntary Planning Agreement (VPA) that requires the upfront financial contribution to undertake these minor upgrade works in lieu of future headworks contributions.

The subject site is not located in a reticulated sewer area and the Gunnedah DCP requires onsite sewerage management systems to be installed at the time of house construction.

The proposed rezoning of this property and subsequent development consent for the subdivision will condition the developer to extend the water services to each new lot at no cost to the public. Any required driveways or upgrades to the surrounding road will be undertaken by the developer. This will improve public facilities in this area and meet the increased demand on the road and expectations of surrounding residences.

We believe, based on our past consultation with Gunnedah Shire Council's Infrastructure and Development team, that the proposed development can be serviced with the entering of the VPA as described at no unreasonable cost to the public. The increased demand on infrastructure will be offset by the developer headworks contributions paid at the time of subdivision.

To minimise conflict between land uses within this zone and land uses within adjoining zones.

The subject site is currently zoned RU1 Primary Production with a minimum lot size of 40 hectares. The land adjoining the subject site is currently zoned R5 Large Lot Residential and RU4 Primary Production Small Lots. Currently there are a number of areas in Gunnedah where the R5 and RU4 zones join with no land use conflicts, therefore, we don't expect the rezoning to result in any land use conflicts on the surrounding RU4 zoned land.

To provide a restricted range of opportunities for employment, development and community facilities and services that do not unreasonably or significantly detract from—

(a) the primary residential function, character and amenity of the neighbourhood, and (b) the quality of the natural and built environments The proposed development will enable future development aligned with the R5 permitted uses in accordance with this objective.

We have reviewed this planning proposal against the objectives of the R5 Large Lot Residential zone of the Gunnedah Local Environmental Plan, 2012 and we believe this development is consistent with the objectives of the zone.

Servicing of the development

The proposed development joins the current R5 Large Lot Residential zone as shown in Figure 7.

There are existing reticulated water services along Black Jack Forest Road and Wandobah Road to the intersection of Blackjack Forest Road. **Figure 12** is the dial before you dig search showing these services. The existing services can be extended efficiently from the end of the existing infrastructure to service this development. As outlined above the proponent intends to enter a Voluntary Planning Agreement to undertake the required minor reservoir upgrades to enable water supply to the development. Following acceptance of this planning proposal our client is willing to engage Council's Solicitor to prepare this agreement.

Under the Gunnedah Development Control Plan lots greater than 3000 square metres are to be serviced by onsite sewerage management systems. These systems are installed at the time of residential house construction.

The subject site has good access to existing roads with the northern boundary fronting Black Jack Forest Road and the Western boundary fronting Wandobah Road. Both roads are bitumen sealed across the site's frontage.

We believe this planning proposed, which is located adjacent to the current R5 Large Lot Residential zone under the Gunnedah Local Environmental Plan, 2012 will allow for efficient use of existing infrastructure and extension of these services.

Being located in an established Rural Residential area this planning proposal would promote an increased sense of community with the expansion of this residential area.

Page 16

Planning Proposal 671 Wandobah Road, Gunnedah Lot 47 in DP755474 and Lot 4 in DP114767



Figure 13: Photo of Black Jack Forest Road looking East

Environmental Values, Cultural and Heritage Significance

We have undertaken a review of environmental values, cultural and heritage significance of the subject site in detail in section C of this report. The subject site is not considered to be located in an area of high environmental value, cultural or heritage significance. We have conducted a search and the subject site is not mapped as bushfire prone land in the Gunnedah Shire. Figure 14 shows an extract of the Bushfire Prone land surrounding the site, although the subject site is not bushfire prone, it is evident that there are large areas of bushfire prone land in the site's vicinity. We do not believe this inhibits development of this property.

The subject site is not mapped as flood prone land as shown in Figure 15 and there are no formed waterways on the subject site. There is a causeway on Wandobah Road at the southern end of the property. This causeway directs overland flow from an unnamed tributary on the subject site directing water to the east into the Peach Tree Gully east of the property. The proposed development is not considered to affect the water drainage at the subject site as the holding will be 9000 sqm in size with ample space to cater for the drainage and future residential development. The topography and water tributary is shown the topographic map in Figure 16.



Figure 14: Bushfire Prone Land (Eplanning Portal)



Figure 15: Flood Prone Land Search (Eplanning Portal)



Figure 16: Topographic Map (Source: Wondoba 8935-4N GeoPDF Topographic Map 2017 Edition)

SECTION A - NEED FOR PLANNING PROPOSAL

Section A of the guideline outlines the need for the planning proposal criteria.

This planning proposal aims to give effect to the strategic planning for residential development in Gunnedah. There is a shortage of large lot residential land available in Gunnedah with high demand for this sized holding. This planning proposal will allow the potential for 36 additional residential holdings in an area of Gunnedah which has been planned for residential development.

It is believed that this proposal is the best means for achieving the intended outcome of redevelopment of Lot 47 in DP755474 and Lot 4 in DP114767, for Large Lot Residential holdings with a minimum lot size of 9000sqm. The planning proposal is the legal method of amending the Gunnedah Local Environment Plan 2012 to enable development of the subject site.

SECTION B - RELATIONSHIP TO STRATEGIC PLANNING FRAMEWORK

Section B of the guideline requires a review of the proposal to any regional or sub-regional strategies. Gunnedah Shire Council is subject to the regional strategy: *New England North West Regional Plan 2041 (NENW RP, 2041)*. This regional plan sets a 20 year strategic land use planning framework for the region, aiming to protect and enhance the region's assets and plans for a sustainable future.

The vision statement of the strategic plan outlines the rich agricultural base of the region, being one of Australia's most productive agricultural regions, protection of the diverse natural environment, provision of attractive, safe, well connected and prosperous communities and a strong education base.

"The plan identifies that the region will experience challenges due to climate change, hazards and ageing populations in the next 20 years and the plan aims to respond to these challenges in a constructive and pragmatic way to minimise exposure to hazards, diversify the economy, build community and infrastructure resilience, safeguard water security and plan for a sustainable future."

Key parts of the strategy, aligned to deliver the vision, in which this planning proposal helps to deliver are: Part 1: Growth, change and opportunity.

Objective 1: Coordinate land use planning for future growth, community need and regional economic development.

Part 4: Housing and Place

Objective 13: Provide well located housing options to meet demand. Objective 14: Provide more affordable and low-cost housing.

NENW RP, 2041 Part 1 Growth Change and Opportunity

Part 1 Growth Change and Opportunity is met by identifying growth needs and opportunities and direct land suitable to accommodate planned growth. As outlined in this report, this area of Gunnedah has been identified for rural residential development in the Gunnedah Shire Local Housing Strategy 2023 and the minimum lot size of less than 1 hectare is a recommendation of this report. The land is suitable for large lot residential development as it avoids key constraints. The land is not flood prone as identified in **Figure 15**. The land is not bushfire prone as identified in **Figure 14**. The site is not part of any important farming areas, areas of high environmental value or steep land. The VPA which has been entered for this development demonstrates adequate water infrastructure and the subject site will cater for onsite sewerage management systems in accordance with the Gunnedah Development Control Plan. The services planning has been reviewed with council to establish the land can be feasibly serviced by entering the VPA for water service upgrades. We believe the development aligns with objective 1 of the NENW RP, 2041.

Our Ref: 5832

NENW RP, 2041 Part 4 Housing and Place

Housing in the large lot residential land size is almost exhausted in Gunnedah with strong demand over the past 5 years for this sized development. The subject site is well-located, adjacent to existing large lot rural residential land, to meet the current housing demand, aligning with objective 13 of the NENW RP, 2041. In the plan strategy 13.3 states that new rural residential housing is to be located on land which has been approved in an existing strategy endorsed by the Department of Planning and Environment. This development is consistent with the Gunnedah Shire Local Housing Strategy Open for Growth and Prosperity, adopted 21 June 2023, resolution 11.6/23 as shown in **Figure 11**.

This development is not directly aligned with the affordable or low cost housing models but it does allow young families or local people, to upgrade and build a new house in this development and their existing property can be returned to the market. This brings diversity in housing product and housing prices. Aiding in increasing supply of affordable housing within the more established residential areas of the town.

This rezoning proposal is aligned with the vision and objectives of the NENW RP, 2041. The development will provide additional housing in a suitable location to support the growing population in Gunnedah. As this proposal is consistent with the Gunnedah Housing Strategy the rezoning is a systematic delivery of a component recommended in this strategic plan.

The guideline requires a review of relevant State Environmental Planning Policies (SEPP) for compatibility with the planning proposal. We have conducted an E-Planning property report for the site, which is appended to this report. This property report lists the State Environmental Planning Policies which apply to this property and **Table 1** reviews the compliance of the planning proposal with each SEPP.

State Environmental	Applicable	Consistency	Comment
Planning Policy (SEPP)			
SEPP (Housing) 2021: Land Application	Yes	Yes	This SEPP is aimed at providing a planning regime for the provision of affordable rental housing. The GLEP, 2012 outlines the permitted land uses in the R5 zone and many of the affordable housing models such as residential flat buildings, boarding houses, secondary dwellings and group homes are prohibited in this zone. The Planning Proposal is not inconsistent with the SEPP.
SEPP Environmental Planning Policy (Building Sustainability Index: BASIX) 2004: Land Application	Yes	Yes	BASIX will apply at the time of residential construction on the subject site.
SEPP (Planning Systems) 2021	Yes	Yes	This planning proposal is not inconsistent with this SEPP.
SEPP (Transport and Infrastructure) 2021	No	N/a	Education Establishments and Childcare facilities are prohibited in the R5 zone of the GLEP, 2012.
SEPP (Exempt and Complying Development Codes) 2008: Land Application	Yes	Compliant	This planning proposal will allow the application of this SEPP to future developments.

Table 1: State Environmental Planning Policy (SEPP) application to this planning proposal

Infrastructure) 2021:	Yes	Compliant	This planning proposal does not impact application of this SEPP to future
Land Application			development.
SEPP (Resources and	No	N/a	This SEPP relates to mining and petroleum
Energy) 2021			production which is prohibited in the R5
			zone. The planning proposal does not
			inhibit application of this SEPP on other
			adjoining properties where these activities
			are permitted.
SEPP (Primary	Yes	Compliant	This SEPP is for the orderly and economic
Production) 2021: Land			use and development of primary
Application			production land and gives consent to
			certain activities. This planning proposal
			does not impact application of this SEPP.
SEPP (Biodiversity and	Yes	Compliant	This SEPP will apply to any future
Conservation) 2021			subdivision of this <mark>h</mark> olding. T <mark>h</mark> is planning
			proposal does not impact application of
			this SEPP.
SEPP (no 65-design	No	NA	This planning proposal does not apply to
Quality of Residential			residential apartment development.
Apartment			
Development: Land		_	
Application.			
SEPP (Resilience and	Yes	Compliant	We are not aware of any contamination
Hazards) 2021			issues at the subject site. There have not
			been any agricultural land uses that are
			associated with contamination (Sheep
			Dips, Landfill, engine works etc). which
			have been carried out on the subject site.
			Future DA applications will need to assess
		•	the development against this SEPP.

We believe this proposal is compliant with the State Environmental Planning Policies.

We provide the following review of the ministerial directions issued by the Minister of Planning (20 February 2023) under the Environmental Planning and Assessment Act 1979 section 9.1 (2) for compatibility. The tables below review these directions and their application to this planning proposal.

Focus Area 1: Planning Systems

Direction	Applicable	Consis	Comment
		tency	
1.1 Implementation of Regional Plans	Yes	Yes	This direction applies to a relevant planning authority when preparing a planning proposal for land to which a Regional Plan has been released by the Minister of Planning. The planning proposal must be consistent with this regional plan.
			Gunnedah falls under the New England North West 2041 Regional Plan. As outlined above in this section of the report, the planning proposal is consistent with the intent of the regional plan, the overall vision, goals, directions and actions.

	/es	 (Planning Systems) 2021. We have reviewed the Aboriginal Cultural Significance Map on the Planning Portal and no area are identified in the Gunnedah Shire This direction applies to planning proposals and aims to ensure LEP provisions encourage the efficient and appropriat assessment of development. The direction requires consent authorities to minimise the requirement for concurrence, consultation or referral of development applications to a minister or public authority. The referral requirements at development application stage will be determined by the consent authority, which in this case is Gunnedah Shire Council. The proposed development is not designated development. We believe the proposed development is
		ensure LEP provisions encourage the efficient and appropriat assessment of development. The direction requires consent authorities to minimise the requirement for concurrence, consultation or referral of development applications to a minister or public authority. The referral requirements at development application stage will be determined by the consent authority, which in this case is Gunnedah Shire Council. The proposed development is not designated development. We believe the proposed development is
'es Y		consistent with this direction.
	/es	This planning proposal applies for the whole rezoning of the land to be consistent with zone R5 Large Lot residential under the GLEP, 2012. It will not apply restrictive site specific planning controls to the land. This direction also requires that a planning proposal must no contain or refer to drawings that show details of the propose development.
		We believe this planning proposal is consistent with ministerial direction 1.4.
NO N	v/a	 Parramatta Road Corridor Urban Transformation Strategy Implementation of North West Priority Growth Area Land Use and Infrastructure Implementation Plan Implementation of Greater Parramatta Priority Growth Area Interim Land Use and Infrastructure Implementation Plan Implementation of Wilton Priority Growth Area Interim
		Land Use and Infrastructure Implementation Plan 1.9 Implementation of Glenfield to Macarthur Urban Renewa Corridor
		1.10 Implementation of the Western Sydney AerotropolisPlan1.11 Implementation of Bayside West Precincts 2036 Plan1.12 Implementation of Planning Principles for the Cooks
		Cove Precinct 1.13 Implementation of St Leonards and Crows Nest 2036 Plan
		 1.14 Implementation of Greater Macarthur 2040 1.15 Implementation of the Pyrmont Peninsula Place Strateg 1.16 North West Rail Link Corridor Strategy 1.17 Implementation of the Bays West Place Strategy
1		1.18 Implementation of the Macquarie Park Innovation
<u>, </u>	o (o N/a

1.21 Implementation of South West Growth Area Structure
Plan
1.22 Implementation of the Cherrybrook Station Place
Strategy
Directions 1.5 to 1.22 are not applicable to Gunnedah Shire
Council.

Focus Area 2: Design and Place

This focus area was blank when the directions were made.

Focus Area 3: Biodiversity and Conservation

		0 . ·	
Direction	Applicable	Consi stenc y	Comment
3.1 Conservation Areas	No	N/a	The subject site is not located in an environmentally sensitive area or environmental protection zone and therefore this direction is not applicable to this application
3.2 Heritage Conservation	Yes	Yes	This direction aims to conserve items, areas, objects and places of environmental or indigenous heritage. As outlined in this report there are no items of cultural heritage significance on the subject site or in the vicinity listed under the GLEP, 2012 and there are no objects or places of Aboriginal heritage identified in our AHIMS searches for the subject site. Therefore, we do not believe the proposed development will have any impact on items, areas, objects, or places of environmental, cultural or Indigenous heritage and the development is consistent with this direction.
3.3 Sydney Drinking Water Catchment	No	N/a	This direction is not applicable to Gunnedah Shire
3.4 Application of C2 and C3 Zones in Environmental Overlays in Far North Coast LEPS	No	N/a	The subject site is noted Zoned C2 or C3 and therefore this direction is not applicable.
3.5 Recreational Vehicle Areas	No	N/a	The subject site is not located with a conservation area, near a beach or dune area. This planning proposal is to facility rezoning of the land for residential purposes and no recreational vehicle areas are proposed.
3.6 Strategic Conservation Planning	Yes	Yes	This direction applies to areas of high biodiversity value. The subject site is not mapped as having high biodiversity value as shown in Figure 24. There is biodiversity along the watercourse in the southern section of the stie. A State Environmental Planning Policy (Biodiversity Conservation) 2021 assessment will apply to the development application for future subdivision of the holding.
3.7 Public Bushland	No	N/a	This direction does not apply to Gunnedah Shire Council area.
3.8 Willandra Lakes Region	No	N/a	This direction does not apply to Gunnedah Shire Council area.

3.9 Sydney Harbour	No	N/a	This direction does not apply to Gunnedah Shire Council
Foreshores and			area.
Waterways Area			
3.10 Water Catchment	No	N/a	The subject site is not located in a drinking water
Protection			catchment area therefore this direction does not apply.

Focus Area 4: Resilience and Hazards

Direction	Applicable	Consi stenc	Comment
Direction		v	
4.1 Flooding	No	N/a	The subject site is not mapped as flood prone land as
C C			shown in Figure 17Error! Reference source not found
4.2 Coastal Management	No	N/a	The subject site is not on a coastal zone.
4.3 Planning for bushfire	No	N/a	The subject site is not mapped as bushfire prone land in
protection			the Gunnedah Shire as shown in Figure 16.
4.4 Remediation of contaminated land	Yes	Yes	As outlined under State Environmental Planning Policy (Resilience and Hazards) 2021, Agricultural activities are listed in table 1 as an activity which may cause contamination. Contamination and the SEPP (formally SEPP 55) has been addressed in section C of this report and it is concluded that as the land has only been used for grazing and lifestyle uses and intensive agricultural pursuits have not been carried out at the site. Therefore, there are no known sources or risks of contamination identified on the subject site. Our client has prepared a declaration of land uses at the site and provided declaration that there are no sources of contamination on the subject site we believe this should enable the consent authority to be satisfied the land is not contaminated.
4.5 Acid Sulfate Soils	No	N/a	There are no Acid Sulfate Soils in the Gunnedah Shire
4.6 Mine Subsidence	No	N/a	The subject site is not located in a mine subsidence area as
and Unstable Land			shown in Figure 18.

The subject site is not located in a mine subsidence area as shown in **Figure 17**. There are no mining leases over the subject site as shown in **Figure 18**.



Figure 17: Mine Subsidence District



Figure 18: Mining Leases surrounding the site (Min View)

Focus Area 5: Transport and Infrastructure

	Applicable	Consistency	Comment
Direction			
5.1 Integrated Land Use and Transport	No	N/a	 This direction requires all planning proposals which will create, alter or remove a provision relating to urban land including land Zoned for residential uses. The direction requires a statement of consistency to the aims, objectives and principles of: a) Improving transport choices – guidelines for planning and development (DUAP 2001) and b) The Right Place for Business and Services (DUAP 2001). Our statement of consistency is listed below this
			table.
5.2 Reserving Land for Public Purpose	No	N/a	There is no public open space identified for the subject site or proposed.
5.3 Development near regulated airports and defence airfields	No	N/a	The subject site is more than 6km from the Gunnedah Airport and not mapped as being in an airport buffer or zone.
5.4 Shooting Ranges	No	N/a	The subject site is not in close proximity to a shooting range and recreational land uses are prohibited in the R5 zone.

Improving transport choices – guidelines for planning and development (DUAP 2001)

The guideline embodies the critical objectives of:

- Reducing the growth in vehicle kilometers travelled (VKT);
- Improving air quality and reducing greenhouse gas emissions;
- Building more compact cities; and
- Promoting economic development and creating jobs.

The guidelines set out 10 principles of accessible development, which encourage and support development that is highly accessible by walking, cycling and public transport.

In the context of this report the proposed rezoning of the subject site to R5 Large Lot Residential is not considered to be urban land. This report focuses on improved modes of transports which do not involve the use of private motor vehicles but, given the Gunnedah population and current walkability and public transport in the R5 large lot residential zone, the development site is not considered to be urban land. Therefore, these guidelines will not apply to the proposed development.

The Right Place for Business and Services (DUAP 2001).

The aims of this guideline are:

- There are development opportunities in centers for businesses and services;
- Community investment in infrastructure is protected; and
- Investor confidence in centers is maintained.

The proposed development will facilitate residential development outside of the centre of Gunnedah to aid in accommodation needs of the population to support a successful business centre. This guideline aims to reduce the need for trip generating development by grouping services and businesses in the one area and having available public transport.

The proposed development will foster the growth of Gunnedah, by providing large lot residential land, which is in demand in an existing area of residential development. The proposed rezoning will encourage private investment into land and foster growth, competition and investment confidence in the Gunnedah CBD. As part of the development of this land the land owner will contribute to the provision of services to the subject site and payment of headworks charges to maintain community infrastructure

Focus Area 6: Housing

Direction	Applicable	Con sist enc y	Comment
6.1 Residential Zones	Yes	Yes	The subject site proposed to rezone land to a residential zone, therefore this direction is applicable. We have outlined below in greater detail how the proposed development meets the objectives of this direction.
6.2 Caravan Parks and Manufactured Home Estates	No	N/a	The proposed development is not a caravan park of manufactured home estate. Caravan Parks are prohibited in the R5 zone.

6.1 Residential Zones

Direction 6.1 Residential zones has the following objectives:

(a) encourage a variety and choice of housing types to provide for existing and future housing needs,

(b) make efficient use of existing infrastructure and services and ensure that new housing has appropriate access to infrastructure and services, and

(c) minimise the impact of residential development on the environment and resource lands

The proposed development will provide large lot residential development, a style of housing which is in high demand in Gunnedah. This development will make efficient use of existing services and infrastructure. The proposed development will include the extension of services to all lots developed at this site. Developer contributions applied to the development will ensure the proposed development does not place any burden on public infrastructure. The subject site is not of high environmental value and given the size of the holding is not considered to be resource lands. We believe this planning proposal is consistent with the objectives of Ministerial Direction 6.1 and therefore consistent with the direction.

Focus Area 7: Industry and Employment

Direction	Applicable	Consistency	Comment
7.1 Employment zones	No	N/a	The subject site is not currently or proposed to be in an Employment, Business or Industrial Zone therefore, this direction is not applicable.
7.2 Reduction in non- hosted short term rental accommodation period	No	N/a	This direction only applies to Bryon Shire Council Area.
7.3 Commercial and Retail development along the Pacific Highway, North Coast	No	N/a	This direction does not apply to Gunnedah Shire Council.

Focus Area 8: Resources and Energy

	Applicable	Consisten	Comment
Direction		су	
8.1 Mining Petroleum	No	N/a	Mining, Petroleum and Extractive Industries
and Extractive Industries			are prohibited in the R5 zone of the GLEP,
			2012

Focus Area 9: Primary Production

	Applicable	Consisten	Comment
Direction		су	
9.1 Rural Zones	No	N/a	This direction does not apply to Gunnedah
			Shire Council.
9.2 Rural Lands	Yes	Yes	The subject site is currently zoned RU1
			Primary Production. This direction is
			applicable to the development and addressed
			in greater d <mark>e</mark> tail below.
9.3 Oyster Aquaculture	No	N/a	An Oyster Aquaculture land use is not
			permitted in the R5 zone of the GLEP, 2012
9.4 Farmland of State	No	N/a	This direction does not apply to Gunnedah
and Regional			Shire Council.
Significance on the NSW			
Far North Coast.			

9.2 Rural Lands

Direction 9.2 Rural Lands has the following objectives:

- Protect the agricultural production value of rural land;
- Facilitate orderly and economic use and development of rural lands for rural and related purposes;
- Assist in the proper management, development and protection of rural lands to promote the social, economic, and environmental welfare of the state;
- Minimise the potential for land fragmentation and land use conflicts in rural areas, particularly between residential and other rural land uses;
- Encourage sustainable land use practices and encourage the ongoing viability of agriculture on rural land; and
- Support the delivery of the actions outlined in the NSW right to farm policy.

The proposed development is considered to be on marginal rural land. The size of the holding does not make agricultural pursuits viable. The soil profile on the subject site is mapped as the Fulwood's Road transferal group by the NSW Office of Environment and Heritage. The land and soil capacity mapping shows the subject site to be in an area of severe limitation due to high susceptibility of land for erosion. Therefore, we do not believe that the subject site is considered to be of high agricultural value. The subject site adjoins existing R5 Large Lot residential land and therefore this planning proposal represents the orderly development of residential land in Gunnedah. It also meets the long term strategic planning for the town's residential land and will not result in any fragmentation of rural land. This planning proposal is not expected to impact agricultural land in the area, or the farmers right to farm their property. Biodiversity will be considered through the development application process with the preparation of a BDAR report. No areas of high biodiversity or ecological value have been identified on the subject site.

This planning proposed is not expected to adversely affect any surrounding agricultural land uses or supporting infrastructure.

The subject site is appropriately located at the edge of the existing R5 Rural Residential land in Gunnedah. There is good service availability in the area, which will be extended to cover the development site. In Gunnedah there is high demand for rural residential land and this planning proposal is addressing this demand through the provision of additional residential land. We believe this planning proposal is consistent with the objectives of the Rural Lands ministerial direction.

We believe this planning proposal is consistent with all of the ministerial directions. Created under section 9.1 (2) of the Environmental Planning and Assessment Act, 1979.

SECTION C - ENVIRONMENTAL SOCIAL AND ECONOMIC IMPACT

Section C of the guideline requires a review of any environmental, social and economic impacts of the planning proposal. This section reviews applicable impacts of the proposed development.

Impact on critical habitat or threatened species, populations or ecological communities or their habitats

The subject site has a long agricultural history, with recent uses including and cattle/horse grazing. The site is mostly grasslands with trees located on the two road reserves either side of the site. There are some trees around the residence as shown in **Figure 19**.



Figure 19: Aerial Photo of the subject site (Eplanning)

We have conducted a search of the NSW SEED portal vegetation communities on the subject site. **Figure 20** shows the extract from this database of the site. The majority of the site is mapped as PCT 0 which is non-native vegetation. There is a small area of PCT 1 *Candidate Native Grasslands* at the eastern boundary of the site and a very small area of PCT 101 *Poplar Box – Yellow Box – Western Grey Box grassy woodland on cracking clay soils mainly in the Liverpool Plains, Brigalow Belt South Bioregion.* This is mostly located in the road reserve adjacent to the subject site.



Figure 20: Vegetation Mapping (Seed Portal)

PCT 101 is associated with threatened ecological community as listed below:

- Brigalow within the Brigalow Belt South, Nandewar and Darling Riverine Plains Bioregions (Part) Listed BC Act, E:
- Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Peneplain, Nandewar and Brigalow Belt South Bioregions (Part) Listed BC Act, E: and
- White Box Yellow Box Blakely's Red Gum Woodland (Part) Listed BC Act, E.

As this remnant vegetation in PCT 101 is limited to the very north east corner of the holding along the boundary, this vegetation patch is not expected to be of high quality. Future subdivision and residential development on this holding will have a limited impact on this vegetation as dwelling setback in the R5 Large Lot Residential Zone is twenty-five (25) metres from Black Jack Forest Road and 10 metres from Thompson Road. Access driveway is unlikely to pass through this vegetation and should be carefully positioned to retain the vegetation.
Planning Proposal 671 Wandobah Road, Gunnedah Lot 47 in DP755474 and Lot 4 in DP114767

We have conducted a NSW Bionet Database search for threatened fauna on or around the subject site. The search parameters for this search were [North: -30.96 West: 150.16 East: 150.26 South: -31.06]. These search results returned a total of 1473 records of 215 species. We have listed below the species which are listed a being vulnerable or critically endangered under the Commonwealth Status. There were no sightings of any of these species recorded on the subject site. Table 2 outlines the records and **Figure 21** to **Figure 23** shows the sightings on plan. A full list of the sightings are appended to this report.

Species	Status	Easting	Northing	Date of Record	Location			
		234731	6563747	30.06.2006	On site (Road Kill)			
		234514	6563345	30.06.2006	Approx. 100m west of site (Lot 34 DP755474)			
Koala		234520	6563082	30.06.2006	Approx. 40m west of site (road reserve)			
	Endangered	234442	6563951	30.06.2004	Approx. 345m west of site (Lot 31 DP755474)			
NOdia	Endangered	234410	6562947	30.06.2006	Approx. 158m west of site (Lot 2 DP1097532)			
		234306	6562548	30.06.2006	Approx 400m south west of site (Lot 2 DP1097532)			
		233868	6561877	30.06.2004	Approx. 1.6km south west of site (Lot 2 DP1097532)			
		233430	6563234	30.06.2006	Approx. 1.13km west of site (Lot 35 DP755474)			
) (la e se la la /	232106	6562839	31.07.1996	Approx. 2.5km west of site (Lot 1 DP1097532)			
Little Lorikeet	Vulnerable/	237105	6563189	07.07.1996	Approx. 2.2km east of site (Lot 2 DP717863)			
	Protected	236505	6566689	28.09.2006	Approx. 3.3km north east of site (Lot 2 DP740218)			
		231802	6562572	31.07.1996	Approx. 2.8km south west of site (Lot 1 DP1097532)			
Turquoise	Vulnerable/	237530	6562716	07.07.1996	Approx. 2.7km east of site (Lot 21 DP841549)			
Parrot	Protected	230847	6562548	09.07.1996	Approx. 3.8km south west of site (Lot 2 DP1251854)			
		231690	6567008	25.02.1996	Approx. 4.4km north west of site(Lot 182 DP755503)			
			65 69 79 9		Approx. 1.5km north east of site			
		236442	6563798	30.07.2016	(Lot 75 DP1207553 Black Jack State Forrest)			
Swift parrot	Critically Endangered	232106	6566689	25.02.1996	Approx. 3.9km north west of site (Lot 2 DP118350			
		22000	6568018	31.05.2021	Approx. 4.7km north east of site			
		236886			(Gunnedah Golf Course)			
Brown		237105	6563189	07.07.1996	Approx. 2.2km east of site (Lot 2 DP717863)			
Treecreeper			Approx. 2.5km west of site (Lot 1 DP1097532)					
(eastern	Protected	2275.05	6566600	20.00.2000	Approx. 3.8km north east of site			
subspecies)		237505	6566689	29.09.2006	Lot 118 DP1176830)			
		235186	6565484	10.01.2019	Approx. 1.7km north of site (Lot 3 DP1167000)			
		236505	6566689	26.09.2006	Approx. 3.3km north east of site (Lot 2 DP740218)			
Speckled	Vulnerable/	237105	6563189	07.07.1996	Approx. 2.2km east of site (Lot 2 DP717863)			
Warbler	Protected	232106	6562839	31.07.1996	Approx. 2.7km south west of site (Lot 1 DP1097532)			
warbier	riolecteu	237505	6566689	29.09.2006	Approx. 3.9km north east of site			
		237303	0300089	29.09.2000	(Lot 118 DP1176830)			
		238111	6567267	12.03.2013	Approx. 4.7km north east of site(Porcupine lookout)			
Grey-headed	Vulnerable/	235470	6564442	03.11.2015	Approx. 800m north east of site (Lot 7 DP262888)			
Flying-fox	Protected	233458	6567512	08.01.2013	Approx. 3.9km north west of site (Lot 2 DP1228419)			
		232106	6562839	31.07.1996	Approx. 2.5km south west of site (Lot 1 DP1097532)			
Dusky	Vulnerable/	237105	6563189	07.07.1996	Approx. 2.2km east of site (Lot 2 DP717863)			
Woodswallow	Protected	237505	6566689	29.09.2006	Approx. 3.9km north east of site			
		237303	0300089	29.09.2000	(Lot 118 DP1176830)			
		236105	6565189	10.06.1997	Approx. 1.8km north east of site (Lot 4 DP731871)			
Spotted-tailed	Endangered	235236	6566268	30.06.2006	Approx. 2.5km north of site (Lot 7014 DP1074337)			
Quoll	chuangereu	237341	6566723	31.12.1999	Approx. 3.8km north east of site			
		237341	0300723	51.12.1333	(Lot 118 DP1176830)			
Hoary Wattled	Vulnerable/	232106	6562839	31.07.1996	Approx. 2.5km south west of site (Lot 1 DP1097532)			
Bat	Protected	232100	0302033	31.01.1330				
Eastern Cave	Vulnerable/	227060	6565102	17 02 2016	Approx. 3.3km north east of site (Lot 1 DP806027)			
Bat	Protected	237868	6565192	17.02.2016				

Table 2: Table of Vulnerable or Critically endangered fauna observed around the site



Figure 22: Map showing Little Lorikeet, Swift Parrot, Turquoise Parrot, Brown Treecreeper & Speckled Warbler sightings



Figure 23: Map showing Dusky Woodswallow, Spotted-tailed Quoll, Grey-headed Flying-fox, Hoary Wattled bat, Eastern Cave Bat sightings.

There have been historical Koala Sightings around the subject site. These sightings were in 2006, 17 years ago. Since this time Koala populations in Gunnedah have experienced severe decline. As part of the DA process a SEPP (Biodiversity Conservation) 2021 Assessment will be carried out and if the subject site found to be Core Koala Habitat a Koala Plan of Management will be required to adequately protect Koala populations from the impacts of the development.

Based on these searches the site is not considered to have a significant impact on any critical habitat or threatened species, populations or ecological communities. Further detailed investigations will be undertaken during a development application to ensure the development would not adversely impact and critical habitat or threatened species, populations or ecological communities.

Biodiversity Offset Scheme

The Biodiversity Conservation Act 2016 is legislation which applies to the whole of NSW. The purpose of the act is to protect the following biodiversity values:

(a) vegetation integrity—being the degree to which the composition, structure and function of vegetation at a particular site and the surrounding landscape has been altered from a near natural state,

(b) habitat suitability—being the degree to which the habitat needs of threatened species is present at a particular site,

(c) biodiversity values, or biodiversity-related values, prescribed by the regulations.

The subject site is not mapped as being in an area of high biodiversity value under the Biodiversity Offset Scheme as shown in **Figure 24**. We have appended the search results.

This planning proposal is seeking a minimum lot size of 9000sqm. Under Clause 7.2 of the Biodiversity Conservation Regulation 2017, the allowable clearing threshold for a lot less than 1 hectare is 0.25 hectare, or 2500 square metres.

The proposed development will exceed the clearing threshold with the construction of new dwellings, access driveways and fence lines and will therefore trigger a Biodiversity Development Application Report to be prepared under the Biodiversity Conservation Act. Given that the native vegetation on the holding only covers a very small area, we do not expect the development to have a significant impact on Biodiversity, or that the development will be rendered unviable due to required offsets.



Figure 24: Biodiversity Offset Scheme Entry Threshold Map

Soil Landscape

The soil landscape on the site has been mapped as the Fulwoods Road soil profile by the Office of Environment and Heritage on the ESpade portal. This soil landscape is described as a transferral soil with extremely long pediment footslopes comprising of coalescing alluvium fans below sandstone hills. Soils are mostly degraded very deep to giant, moderately well-drained read and brown earths with deep well drained red earths common on upper footslopes.

The soil landscape is described as having the limitations and qualities including moderate soil fertility, localised foundation hazard, widespread recharge zone, localised salinity hazard and localised gully and sheet erosion hazard.

The fullwoods road soil landscape is widespread around Gunnedah's residential areas and does not pose a limitation to development of houses.

Flooding

The site is not mapped as flood prone land in the Gunnedah LEP as illustrated in Error! Reference source not found.

Land Contamination

A search of the List of NSW Contaminated Sites Notified to the NSW OEH as at 20 March 2023 in the Gunnedah Shire did not uncover any listings on or in close proximity to the site. The search results are shown in **Table 3**:

Table 3: NSW EPA Record of Notices in the Gunnedah Shire Council LGA

Suburb	Address	Site Name	Notices related to this site
GUNNEDAH	Intersection of Henry Street and	Adjacent to Service Station	6 former
	Conadilly STREET		
GUNNEDAH	103 Mathias ROAD	BP Depot Gunnedah	2 current
GUNNEDAH	Corner Conadilly Street & Henry	BP Service Station	5 former
	STREET		
GUNNEDAH	61 Railway AVENUE	Former Caltex Depot	3 former
GUNNEDAH	341 Conadilly STREET	Mobil Service Station	5 former

There has not been any soil contamination testing carried out at the site. The land owner has completed a State Environmental Planning Policy (Resilience and Hazards) 2021 preliminary investigation of contamination statement which has not identified any potential sources of contamination. Therefore, we believe the risk of contamination on the subject site would be low and there are no requirements under this SEPP (Reliance and Hazards) 2021 that would prevent this property being utilised for residential holdings.

Bushfire Prone Land

We have conducted a search of the NSW Rural Fire Service bushfire prone land and the subject site, Lot 47 in DP755474 is not mapped as bushfire prone land. Therefore, the development would not be subject to the Rural Fires Act, 1997. There is bushfire prone land in the vicinity of the subject site as shown in **Figure 14**. We do not believe this surrounding threat of bushfire prevents the site being subdivided for rural residential purposes.

Aboriginal Cultural Heritage

There are no known items of heritage significance on the site.

The Gunnedah Local Environment Plan 2012 Heritage Map does not record any items of heritage significance on the site or in the vicinity of the subject site.

A search of the Office of Heritage and Environment Aboriginal Heritage Information Management System (AHIMS) for a 50 metre buffer around Lot 47 in DP755474 and Lot 4 in DP114767 has shown that there are no aboriginal sites recorded in or near the subject site. It is therefore concluded that the proposed development of the site will not impact on any items of Aboriginal cultural heritage. The search results of this enquiry are attached to this report.

Economic Impacts

The proposed development is aligned with the Gunnedah Economic development strategy as described in section B of this report and will provide additional land suitable for housing in a land size which has short supply currently in Gunnedah. Future development of the site will require developer contributions to offset any impacts on community infrastructure. We believe this planning proposal will have a positive economic outcome for Gunnedah.

Social Impacts

Increasing housing availability has a range of positive social impacts. It allows potential land buyers increased choice in land size, location and dwelling types available in the town. This can also open up more affordable housing with people building new houses and bringing into the market existing dwellings within the town limits. Increase in population allows public authorities to deliver a higher level of service to its residence. Therefore, the proposed development has the potential to attract new residences to Gunnedah. It also has the potential to improve services within this immediate location, with public transports more viable with increased population. Developer contributions required at the time of subdivision ensure any development does not negatively impact the wider community.

We have reviewed the likely environmental effects, as a result of the planning proposal and believe the proposed development, with appropriate mitigation measures nominated during the development application stage will not have a significant environmental, social or economic impact which would prevent support for this planning proposal.

SECTION D – INFRASTRUCUTRE (LOCAL, STATE AND COMMONWEALTH)

Is there adequate public infrastructure for the planning proposal?

The guideline states that this question typically applies to planning proposals which will result in 150 or more additional residential lots, substantial urban renewal, infill development or development that will result in additional demand of infrastructure.

The proposed development will have potential for 36 additional residential lots. The site servicing has been reviewed in section B principle 1 of the Interim Settlement Planning Principles, as having adequate existing infrastructure to support the planned residential development. With the minor reservoir upgrades proposed via a Voluntary Planning Agreement (VPA) to be paid for by the developer, there is not considered to be any shortfalls in infrastructure nor significant demands on public utilities associated with this rezoning proposal.

SECTION E – STATE AND COMMONWEALTH INTERESTS

There has not been any State or Commonwealth Government authority consultation as part of this gateway application and given the nature of the development, none is deemed necessary.

PART FOUR - MAPS

The following Gateway Application Maps have been prepared and appended to this report.

Gateway Application Maps

- 1. Map showing site on the existing Land Zoning Map LZN-005A in the Gunnedah Local Environment Plan 2012
- 2. Map showing proposed change to Land Zoning Map LZN-005A in the Gunnedah Local Environment Plan 2012
- 3. Map showing existing Land Size Map LSZ_005A in the Gunnedah Local Environment Plan 2012
- 4. Map showing proposed Land Size Map LSZ_005A in the Gunnedah Local Environment Plan 2012

PART FIVE – COMMUNITY CONSULTATION

The guideline states that the gateway determination (stage 5 of the rezoning proposal) will specify the required public exhibition period. Timeframes are based on the complexity of the planning proposal and vary between 10 and 30 working days.

The LEP guide defines a standard impact proposal as a planning proposal that in the opinion of the person making the gateway determination is:

- Consistent with the patterns of surrounding land use zones and/or land uses
- Consistent with the strategic planning framework
- Presents no issues with regard to infrastructure servicing
- Not a principal LEP
- Does not reclassify land

The guidelines state that a standard planning proposal refers to any one or more of the following proposed LEP types, including an amendment:

- To change the land use zone where the proposal is consistent with the objectives identified in the proposed zone.
- That relates to altering the principal development standard of the LEP.
- This is consistent with an endorsed District / Regional Strategy.
- Relating to classified or reclassification of public land through LEP.

It is the opinion of the author of this application that this gateway application meets these requirements and should be considered a standard impact proposal.

Community consultation for standard impact proposals is undertaken for 14 days in the following manner as outlined in the LEP guide.

- Notification on the Planning Portal;
- Notification in the local newspaper;
- Notification on the website of the Gunnedah Shire Council; and
- Notification in writing to affected and adjoining landholders.

The gateway approval requires consultation following public authorities:

- Biodiversity Conservation Division
- Mining, Exploration and Geoscience
- NSW Department of Primary Industries Agriculture
- Red Chief Local Aboriginal Land Council.

The guideline states that the notice must describe and identify the following:

- The objective or intended outcomes of the planning proposal;
- The land affected by the planning proposal;
- Where people can view the proposal;
- Contact details for submissions; and
- Whether council is the designated LPMA

The guideline states the following information must be made available during the exhibition period

- The planning proposal in the form approved for public exhibition by the Gateway Determination;
- The Gateway determination; and
- All relevant additional information relied upon by the planning proposal.

PART SIX – PROJECT TIMELINE

The project timeframe will be based on the date of gateway determination by the department and time frame for Gunnedah Shire Council to make the amendments to the Gunnedah Local Environment Plan. As these processes are removed from our control it is not possible for us to determine a project timeline.

Our client wishes to finalise this process as quickly as possible to enable lodged of the development application for the proposed subdivision. We have suggested a preliminary timeframe which would be suitable for Council's review.

Stage	Timeframe/date	Working Days
Consideration by Council	3/04/23 to 16/11/23	160
Council decision	16/11/23	1 <mark>6</mark> 0 (1)
Gateway determination	17/11/23 to 18/12/23 🔶 📃 😽	182 (21)
Pre-exhibition	15/01/24 to 29/01/24	208 (26)
Commencement and completion of	29/01/24 to 12/02/23	218 (10)
public exhibition period		
Consideration of submissions	12/02/24 to 26/02/24	228 (10)
Post-exhibition review and additional	26/02/24 to 11/03/24	238 (10)
studies		
Submission to the Department for	11/03/24 to 15/04/24	261 (23)
finalisation (where applicable)		
Gazettal of LEP amendment	15/04/24	261 days total

CONCLUSION

This gateway proposal will enable 671 Wandobah Road, Gunnedah to be subdivided into thirty six (36) rural residential lots with an area exceeding 9000sqm, for residential occupation. The subject site has been identified in current strategic planning for residential expansion within Gunnedah Shire. It is located adjacent to the current R5 Large Lot Residential zone and in close proximity to current services with efficient extension of these services available, once minor upgrades to the Gallen Water Reservoir have been made. The proposed development meets the requirements of the ministerial directions and both local and regional planning provisions and will allow the site to be developed into rural residential holdings. This will meet a shortcoming in residential supply in Gunnedah and assist in making Gunnedah a vibrant place to live.

REFERENCES

Central Mapping Authority, Geo PDF Topographic Map, 2017 Edition, Wondoba 8935-4N, CMA.

Department of Lands, *Spatial Information Exchange*, Available at [https://six.maps.nsw.gov.au/wps/portal/]. Abbreviated as DL SIX

Department of Mining, Exploration and Geoscience, MinView Available at [https://minview.geoscience.nsw.gov.au/]

Department of Urban Affairs and Planning, August 1998, *Managing Land Contamination: Planning Guideline SEPP 55 Remediation of Land*, Environmental Protection Agency (EPA)

Elton Consulting, June 2023, Gunnedah Shire Council Local Housing Strategy, Available at: https://www.gunnedah.nsw.gov.au/index.php/development/landuse-planning/land-use-strategies

Espade, NSW Office of Environment and Heritage, 2011, Soil and Land Resources of the Liverpool Plains Catchment Interactive DVD, Fullwoods Road Soil Landscape Available at: [https://www.environment.nsw.gov.au/eSpade2Webapp]

Gunnedah Shire Council, 2012, Gunnedah Development Control Plan 2012, Gunnedah Shire Council 20.12.12.

Insite, June 2016, Gunnedah Urban Landuse Strategy Volume 4, Available at: [https://www.gunnedah.nsw.gov.au/index.php/component/rsfiles/files?folder=GunnedahShireCouncil%252FDEVEL OPMENT-PLANNING-AND-BUILDING%252FLANDUSE-PLANNING%252FLand-Use-Strategies&Itemid=2255]

New South Wales Government, *Gunnedah Local Environmental Plan 2012,* Available at [http://www.legislation.nsw.gov.au]

NSW Department of Planning and Infrastructure, August 2016, A guide to preparing Local Environment Plans, Available at [http://www.planning.nsw.gov.au/~/media/Files/DPE/Guidelines/guide-to-preparing-planning-proposals-2016-08.ashx]

NSW Department of Planning and Environment, August 2017, New England North West Regional Plan 2036, NSW Government.

NSW Department of Planning, Industry and Environment, May 2017, Directions issued under section 9.1 (2) Environmental Planning and Assessment Act, 1979, Available at: [https://www.planning.nsw.gov.au/Plans-for-Your-Area/Local-Planning-and-Zoning/Policy-Directions-for-Plan-Making]

NSW EPA, Contaminated Land – Records of notices, Available at [http://www.epa.nsw.gov.au/prcImapp/aboutregister.aspx]

NSW Environmental and Heritage, *Aboriginal Heritage Information Management System (AHIMS),* Available at: [http://www.environment.nsw.gov.au/awssapp/Login.aspx?ReturnUrl=%2fAWSSAPP%2f]

SC Lennon & Associates, August 2021, Draft Gunnedah Shire Economic Development Strategy 2022-2026, Gunnedah Shire Council.

COPYRIGHT ©

This report and the plans enclosed are the copyright of Stewart Surveys Pty Ltd. and is protected under the Copyright Act 1968. It may not be altered, reproduced or transmitted in any form, or by any means without the express permission of Stewart Surveys Pty Ltd.

Stewart Surveys, Pty Ltd

107-109 Conadilly Street, PO Box 592 GUNNEDAH NSW 2380

Ph. (02) 6742 2966

office@stewartsurveys.com

http://www.stewartsurveys.com



APPENDIX A

TITLE DOCUMENTS

- Deposited Plan 114767
- Plan of Portions 47 & 48 in County of Pottinger, Parish of Black Jack

Development Consultants - Surveying, Environmental & Landscape Architecture Services

LB 94/ 8205 PLAN OF PORTIONS 478 48 County of Bottinger Parish of Black Jack LAND DISTRICT OF Gunnedah LAND BOARD DISTRICT OF Tamworth Leasehold | Area Nº 643 Gunnedah , Pastoral Holding, Central Division. Applied for under the Section of the Grown Lands Act of 1884 by Within TSR 1237 Notified 12th August 1878 Por Nº C.P. Nº Por. Nº Por. Nº C.L. Nº P2128R P. M Casker pt CP 85.4 17a 3r 1335 D 268.559 CPL 226 Th P. M. Casker pt CP 85.4 P2128R 47 Ta 33 P2/28 1. M. Sasker pt CP 85.4 87a Bank of N.S. Wales pt CL 2210 37 P2128 R P.M. Casker pt CP 85.4 2: 80 87ac 5 683agr 35 P21788 P. M. Caster pt CP85-4-45. 3 00 : 00 36 P2128 9 P. Prover pt 10 3.101 45.2r 87AC 119 P2765 J. Cole CP 84. ¹ R. Pryor pt ACP 83.101 45.1. 1707 37 97602. W Ambler 90 1714 38 P2128 R P. Pryor pt ACP 83. 101 58 1. CP 86. 15 Da 68.1. 304 39 P2128 - 60.961 87 p2532 J.Ambler ACP 83.44 ACP 83.44 P. Pryor prcp 81.134 10 12292 196.3.0. J.Ambler 122A 28 CP 80.2 40 P.2028R P.Pryor pt CP 81. 134 60ac 3151 Azimuth taken from XY J. Price Alac Field Book Vol. 5218 Folio 12 Reference to Corners 02623 From Link. Nº un Tree the 25th Sept br 18 94 completed the survey repres I hereby certily that I in Reference to Traverse 310 Л 40 82/2 conted on this play willen the bearings and lengths of the lines a B 147 61 0 88 Distance 48 and I declare that the survey has been executed in accordance with the С 57 1/2 49/2 0 regulations published for the guidance of licensed Surveyors and the produce 47 0 225 0 of the Department of lands 47 202 E 10 47 E.W. Turner F 322 0 107 47 48 Licensed Survey 257 50 343 0 G the District Surveyor with my letter of 3rd Oct br 10 94/27 H Box 48 7 0 52 Voucher Nº 94/17 Passed Ell. 12. 6 R.S. 4. 1. 95 48 Calculation Book Nº 1770 Folio 29 Checked and Charted M. W. Lewis J. 12 Dec 94-Value of Improvements Ail Examined Edward W. Brierly & Dec. 94 13534 TT8T Plan approved Fred Poate DS. 31st Dec 1894-Scale 20 Chains to an Inch. "c" f ... 0 5-21 Isthedraphed and Printed at the Department of Landa Sudaer, N.S.W. 1892









EPLANNING REPORT

Development Consultants - Surveying, Environmental & Landscape Architecture Services

Stewart Surveys Pty Ltd ABN 65 002 886 508 109 Conadilly StreetT02 6742 2966PO Box 592F02 6742 0684Gunnedah NSW 2380cstewart@stewartsurveys.com



Property Report

671 WANDOBAH ROAD GUNNEDAH 2380



Property Details

Address: Lot/Section /Plan No: 671 WANDOBAH ROAD GUNNEDAH 23804/-/DP11476747/-/DP755474

Council:

GUNNEDAH SHIRE COUNCIL

Summary of planning controls

Planning controls held within the Planning Database are summarised below. The property may be affected by additional planning controls not outlined in this report. Please contact your council for more information.

Local Environmental Plans Gunnedah Local Environmental Plan 2012 (pub. 29-6-2012) RU1 - Primary Production: (pub. 29-7-2022) Land Zoning Height Of Building NA NA Floor Space Ratio Minimum Lot Size 40 ha Heritage NA Land Reservation Acquisition NA Foreshore Building Line NA

Detailed planning information

State Environmental Planning Policies which apply to this property

State Environmental Planning Policies can specify planning controls for certain areas and/or types of development. They can also identify the development assessment system that applies and the type of environmental assessment that is required.

This report provides general information only and does not replace a Section 10.7 Certificate (formerly Section 149)



Property Report

671 WANDOBAH ROAD GUNNEDAH 2380

- State Environmental Planning Policy (Biodiversity and Conservation) 2021: Excluded (pub. 21 -10-2022)
- State Environmental Planning Policy (Biodiversity and Conservation) 2021: Land Application (pub. 2-12-2021)
- State Environmental Planning Policy (Building Sustainability Index: BASIX) 2004: Land Application (pub. 25-6-2004)
- State Environmental Planning Policy (Exempt and Complying Development Codes) 2008: Land Application (pub. 12-12-2008)
- State Environmental Planning Policy (Housing) 2021: Land Application (pub. 26-11-2021)
- State Environmental Planning Policy (Industry and Employment) 2021: Land Application (pub. 2-12-2021)
- State Environmental Planning Policy (Planning Systems) 2021: Land Application (pub. 2-12-2021)
- State Environmental Planning Policy (Primary Production) 2021: Land Application (pub. 2-12-2021)
- State Environmental Planning Policy (Resilience and Hazards) 2021: Land Application (pub. 2 -12-2021)
- State Environmental Planning Policy (Resources and Energy) 2021: Land Application (pub. 2-12-2021)
- State Environmental Planning Policy (Transport and Infrastructure) 2021: Land Application (pub. 2-12-2021)
- State Environmental Planning Policy No 65—Design Quality of Residential Apartment Development: Land Application (pub. 26-7-2002)

Other matters affecting the property

Information held in the Planning Database about other matters affecting the property appears below. The property may also be affected by additional planning controls not outlined in this report. Please speak to your council for more information

Land near Electrical Infrastructure

This property may be located near electrical infrastructure and could be subject to requirements listed under ISEPP Clause 45. Please contact Essential Energy for more information. RED CHIEF New England North West

Local Aboriginal Land Council Regional Plan Boundary

This report provides general information only and does not replace a Section 10.7 Certificate (formerly Section 149)





BIODIVERISTY OFFSET SCHEME (BOS) ENTRY THRESHOLD MAP

Development Consultants - Surveying, Environmental & Landscape Architecture Services

 109 Conadilly Street
 T
 02 6742 2966

 PO Box 592
 F
 02 6742 0684

 Gunnedah NSW 2380
 cstewart@stewartsurveys.com





Legend



Biodiversity Values that have been mapped for more than 90 days

Biodiversity Values added within last 90 days

Notes

 $\ensuremath{\mathbb{C}}$ NSW Department of Planning and Environment



Biodiversity Values Map and Threshold Report

Results Summary

Date of Calculation	15/03/2023 2:37 PM	BDAR Required*
Total Digitised Area	357,465.0 sqm	
Minimum Lot Size Method	LEP	
Minimum Lot Size 10,000sqm = 1ha	400,000 sqm	
Area Clearing Threshold 10,000sqm = 1ha	10,000 sqm	
Area clearing trigger Area of native vegetation cleared	Unknown [#]	Unknown [#]
Biodiversity values map trigger Impact on biodiversity values map(not including values added within the last 90 days)?	no	no
Date of the 90 day Expiry	N/A	

*If BDAR required has:

• at least one 'Yes': you have exceeded the BOS threshold. You are now required to submit a Biodiversity Development Assessment Report with your development application. Go to <u>https://customer.lmbc.nsw.gov.au/assessment/AccreditedAssessor</u> to access a list of assessors who are accredited to apply the Biodiversity Assessment Method and write a Biodiversity Development Assessment Report

- 'No': you have not exceeded the BOS threshold. You may still require a permit from local council. Review the development control plan and consult with council. You may still be required to assess whether the development is "likely to significantly affect threatened species' as determined under the test in s. 7.3 of the Biodiversity Conservation Act 2016. You may still be required to review the area where no vegetation mapping is available.
- # Where the area of impact occurs on land with no vegetation mapping available, the tool cannot determine the area of native vegetation cleared and if this exceeds the Area Threshold. You will need to work out the area of native vegetation cleared - refer to the BMAT user guide for how to do this.

On and after the 90 day expiry date a BDAR will be required.

Disclaimer

This results summary and map can be used as guidance material only. This results summary and map is not guaranteed to be free from error or omission. The State of NSW and Department of Planning and Environment and its employees disclaim liability for any act done on the information in the results summary or map and any consequences of such acts or omissions. It remains the responsibility of the proponent to ensure that their development application complies will all aspects of the *Biodiversity Conservation Act 2016*.

The mapping provided in this tool has been done with the best available mapping and knowledge of species habitat requirements. This map is valid for a period of 30 days from the date of calculation (above).

Acknowledgement

I as the applicant for this development, submit that I have correctly depicted the area that will be impacted or likely to be impacted as a result of the proposed development.

- Stewart Date: 15/03/2023 02:37 PM Signature



APPENDIX D

ABORIGINAL HERITAGE INFORMATION MANAGEMENT SYSTEMS SEARCH RESULTS

Development Consultants - Surveying, Environmental & Landscape Architecture Services

109 Conadilly StreetT02 6742 2966PO Box 592F02 6742 0684Gunnedah NSW 2380cstewart@stewartsurveys.com



Stewart Surveys PO Box 592 Gunnedah New South Wales 2380 Attention: Kathryn Yigman

Email: kathryn@stewartsurveys.com

Dear Sir or Madam:

AHIMS Web Service search for the following area at Lot : 47, DP:DP755474, Section : - with a Buffer of 50 meters, conducted by Kathryn Yigman on 15 March 2023.

The context area of your search is shown in the map below. Please note that the map does not accurately display the exact boundaries of the search as defined in the paragraph above. The map is to be used for general reference purposes only.

Carly on Red Carly

A search of Heritage NSW AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

0 Aboriginal sites are recorded in or near the above location.
0 Aboriginal places have been declared in or near the above location. *

Your Ref/PO Number : 5832 Client Service ID : 763840

If your search shows Aboriginal sites or places what should you do?

- You must do an extensive search if AHIMS has shown that there are Aboriginal sites or places recorded in the search area.
- If you are checking AHIMS as a part of your due diligence, refer to the next steps of the Due Diligence Code of practice.
- You can get further information about Aboriginal places by looking at the gazettal notice that declared it. Aboriginal places gazetted after 2001 are available on the NSW Government Gazette (https://www.legislation.nsw.gov.au/gazette) website. Gazettal notices published prior to 2001 can be obtained from Heritage NSW upon request

Important information about your AHIMS search

- The information derived from the AHIMS search is only to be used for the purpose for which it was requested. It is not be made available to the public.
- AHIMS records information about Aboriginal sites that have been provided to Heritage NSW and Aboriginal places that have been declared by the Minister;
- Information recorded on AHIMS may vary in its accuracy and may not be up to date. Location details are recorded as grid references and it is important to note that there may be errors or omissions in these recordings,
- Some parts of New South Wales have not been investigated in detail and there may be fewer records of Aboriginal sites in those areas. These areas may contain Aboriginal sites which are not recorded on AHIMS.
- Aboriginal objects are protected under the National Parks and Wildlife Act 1974 even if they are not recorded as a site on AHIMS.
- This search can form part of your due diligence and remains valid for 12 months.



Stewart Surveys PO Box 592 Gunnedah New South Wales 2380

Attention: Kathryn Yigman

Email: kathryn@stewartsurveys.com

Dear Sir or Madam:

AHIMS Web Service search for the following area at Lot : 4, DP:DP114767, Section : - with a Buffer of 50 meters, conducted by Kathryn Yigman on 24 March 2023.

The context area of your search is shown in the map below. Please note that the map does not accurately display the exact boundaries of the search as defined in the paragraph above. The map is to be used for general reference purposes only.

First of the second sec

A search of Heritage NSW AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

0 Aboriginal sites are recorded in or near the above location. 0 Aboriginal places have been declared in or near the above location. *



If your search shows Aboriginal sites or places what should you do?

- You must do an extensive search if AHIMS has shown that there are Aboriginal sites or places recorded in the search area.
- If you are checking AHIMS as a part of your due diligence, refer to the next steps of the Due Diligence Code of practice.
- You can get further information about Aboriginal places by looking at the gazettal notice that declared it. Aboriginal places gazetted after 2001 are available on the NSW Government Gazette (https://www.legislation.nsw.gov.au/gazette) website. Gazettal notices published prior to 2001 can be obtained from Heritage NSW upon request

Important information about your AHIMS search

- The information derived from the AHIMS search is only to be used for the purpose for which it was requested. It is not be made available to the public.
- AHIMS records information about Aboriginal sites that have been provided to Heritage NSW and Aboriginal places that have been declared by the Minister;
- Information recorded on AHIMS may vary in its accuracy and may not be up to date. Location details are recorded as grid references and it is important to note that there may be errors or omissions in these recordings,
- Some parts of New South Wales have not been investigated in detail and there may be fewer records of Aboriginal sites in those areas. These areas may contain Aboriginal sites which are not recorded on AHIMS.
- Aboriginal objects are protected under the National Parks and Wildlife Act 1974 even if they are not recorded as a site on AHIMS.
- This search can form part of your due diligence and remains valid for 12 months.



APPENDIX E

STATE ENVIRONMENTAL PLANNING POLICY (RESILLIANCE AND HAZARDS) 2021 PRELIMINARY INVESTIGATION OF SITE CONTAMINATION

Development Consultants - Surveying, Environmental & Landscape Architecture Services

 109 Conadilly Street
 T
 02 6742 2966

 PO Box 592
 F
 02 6742 0684

 Gunnedah NSW 2380
 cstewart@stewartsurveys.com

STATE ENVIRONMENTAL PLANNING POLICY (RESILIENCE AND HAZARDS) 2021

PRELIMINARY INVESTIGATION OF SITE CONTAMINATION

The purpose of this form is to determined whether the issue of land contamination is relevant to the subject site, and whether investigation of land contamination is required under State Environmental Planning Policy (Resilience and Hazards) 2021, Chapter 4 Remediation of Land.

Lot Particulars: Lot 47 in DP755474 and Lot 4 in DP114767

Land Owners: Gerard & Kate Mainey

Please describe the historical land use of the site Agricultural use

Have any contamination investigations been carried out on the subject site? Yes I No I NB: If yes, please attach results (including any previous initial evaluations).

Have any of the following activities ever been carried out on the subject site? (please tick)

acid/alkali plant and formulation	metal treatment	
agricultural/horticultural activities	mining and extractive industries	
airport	oil production and storage	
asbestos production and disposal	paint formulation and manufacturing	
chemicals manufacture and formulation	pesticide manufacture and formulation	
defence works	power station	
drum re-conditioning works	railway yards	
dry cleaning establishments	scrap yards	
electrical manufacturing (transformers)	service stations	
electroplating and heat treatment premises	sheep and cattle dips	
engine works	smelting and refining	
explosive industry	tanning and associated trades	
gas works	waste storage and treatment	
iron and steel works	wood preservation	
land fill sites		

Are there any contamination impacts on land immediately adjacent to the subject site which may affect the subject land? Yes I No I

NB: If yes, please attach details of contamination impacts

DECLARATION

I declare that to the best of my knowledge, the issue of land contamination is not relevant to the subject site.	I declare that the subject site may be affected by land contamination and that further contamination investigation is warranted.
Signed: Mary	Signed:
Date: 24/3/23	Date: 24/3/23



APPENDIX F

BIONET VEGETATION CLASSIFICATION – COMMUNITY PROFILE REPORT

• PCT 101

Development Consultants - Surveying, Environmental & Landscape Architecture Services

 109 Conadilly Street
 T
 02 6742 2966

 PO Box 592
 F
 02 6742 0684

 Gunnedah NSW 2380
 cstewart@stewartsurveys.com



Plant Community Type ID (PCT ID): 1

101

PCT Name: Poplar Box - Yellow Box - Western Grey Box grassy woodland on cracking clay soils mainly in the Liverpool Plains, Brigalow Belt South Bioregion

Classification Confidence Level: 2-High

Vegetation Description: Tall woodland or open woodland dominated by Poplar Box (Eucalyptus populnea subsp. bimbil) sometimes with Yellow Box (Eucalyptus melliodora), White Cypress Pine (Callitris glaucophylla), Silver-leaved Ironbark (Eucalyptus melanophloia) or rarely with Western Grev Box (Eucalyptus microcarpa). A very sparse shrub layer may be present or it is absent. Shrub species include Wilga (Geijera parviflora), Mock Olive (Notalea microcarpa), the bluebush Maireana microphylla, Wild Orange (Capparis mitchellii) and Western Rosewood (Alectryon oleifolius). The ground cover is usually dense and is dominated by a rich array of grass and forb species. Grass species include Austrostipa verticillata, Queensland Bluegrass (Dichanthium sericeum subsp. sericeum), Bothriochloa decipiens, Austrodanthonia bipartita, Enteropogon acicularis, Aristida personata, Aristida ramosa, Austrostipa aristiglumis, Austrostipa scabra subsp. scabra, Themeda australis, Eulalia aurea, Paspalidium jubiflorum, Chloris truncata and Chloris ventricosa. The more palatable grasses such as Themeda australis and Eulalia fulva have often been grazed out. Forb species include Rumex brownii, Einadia nutans, Cotula australis, Maireana enchylaenoides. Erodium crinitum, Calotis lappulacea, Rostellularia adscendens subsp.adscendens, Sida corrugata, Oxalis exilis, Einadia hastata, Vittadinia dissecta var. hirta, Vittadinia muelleri, Vittadinia sulcata, Chrysocephalum apiculatum, Solanum cinereum, Abutilon oxycarpum, Dichondra sp. A, Wahlenbergia stricta subsp. stricta, Pycnosorus globosus, Goodenia fascicularis and Brunoniella australis. Occurs on alluvial cracking clay soils derived from volcanic or sedimentary substrates on alluvial plains or gently undulating slopes in the Brigalow Belt South Bioregion particularly in the Liverpool Plains sub-region with areas also occurring in the Northern Basalts sub-region. Mostly cleared for grazing and cropping. Weed species may be abundant and include Rapistrum rugosum, Medicago polymorpha, Lepidium africanum, Avena ludoviciana, Malva parviflora, Hedypnois rhagadioloides and Sisymbrium irio. Grades into grasslands on black earth soils (IDs 52 & 102) and upslope on hillsides into grassy White Box (Eucalyptus albens) - White Cypress Pine woodland (ID433, ID434, ID435). Mostly cleared, with few large remnants remaining and small remnants occurring on roadsides or on private land. Part of the extent listed as an endangered ecological community under the TSC Act covering vegetation on cracking clays in the Liverpool Plains sub-region. Very poorly protected. Variation and Natural Disturbance: The understorey grass species vary with soil types grading into grassland on heavier soils.

Vegetation Formation: Semi-arid Woodlands (Grassy sub-formation);

Vegetation Class: Brigalow Clay Plain Woodlands;

IBRA Bioregion(s): Brigalow Belt South; Nandewar;

IBRA Sub-region(s): Liverpool Plains; Northern Basalts; Northern Outwash; Pilliga; Kaputar; Peel;

LGA: LIVERPOOL PLAINS; GUNNEDAH; GWYDIR; WARRUMBUNGLE;

Lithology: Alluvial loams and clays, Clay, Sedimentary rock (unidentified)

Landform Pattern: Alluvial plain , Low hills , Plain

Landform Element: Footslope, Plain, Valley flat

Emergent species: None

Upper Stratum Species: Eucalyptus populnea subsp. bimbil; Callitris glaucophylla; Eucalyptus melliodora; Eucalyptus microcarpa; Eucalyptus melanophloia; Eucalyptus pilligaensis; Callitris glaucophylla; Casuarina cristata; *Mid Stratum Species:* Geijera parviflora; Maireana microphylla; Eremophila debilis; Alectryon oleifolius subsp. elongatus; Capparis mitchellii; Notelaea microcarpa; Sclerolaena muricata; Myoporum montanum; Pimelea neo-anglica; Sclerolaena birchii; Templetonia stenophylla;

Ground Stratum Species: Aristida personata; Oxalis perennans; Einadia nutans subsp. nutans; Brunoniella australis; Austrodanthonia bipartita; Austrostipa aristiglumis; Austrostipa verticillata; Aristida ramosa; Dichanthium sericeum subsp. sericeum; Bothriochloa decipiens; Chloris truncata; Austrodanthonia caespitosa; Austrostipa scabra subsp. scabra; Themeda australis; Eulalia aurea; Chloris ventricosa; Enteropogon acicularis; Eriochloa pseudoacrotricha; Austrostipa setacea; Digitaria divaricatissima; Enneapogon gracilis; Leptochloa decipiens subsp. asthenes; Sporobolus caroli; Sporobolus creber; Cymbopogon refractus; Austrodanthonia fulva; Rumex brownii; Vittadinia cuneata; Sida trichopoda; Solanum parvifolium; Wahlenbergia stricta subsp. stricta; Pycnosorus globosus; Goodenia fascicularis; Leiocarpa tomentosa; Cyperus gracilis; Carex inversa; Boerhavia dominii; Dichondra sp. A; Cotula australis; Maireana enchylaenoides; Erodium crinitum; Calotis lappulacea; Oxalis exilis; Einadia trigonos subsp. trigonos; Vittadinia dissecta var. hirta; Vittadinia muelleri; Vittadinia sulcata; Atriplex semibaccata; Plantago debilis; Goodenia heteromera; Sida spinosa; Chrysocephalum apiculatum; Desmodium varians; Goodenia bellidifolia subsp. bellidifolia; Calotis scabiosifolia var. scabiosifolia; Rostellularia adscendens var. adscendens; Sida corrugata; Paspalidium jubiflorum; Einadia hastata;

Diagnostic Species: Not Assessed

Fire Regime: Fire is now rare due to fragmentation. May have been patch burnt by Aboriginal people before European settlement. *TEC Assessed:* Has associated TEC

TEC List: Listed BC Act,E: Brigalow within the Brigalow Belt South, Nandewar and Darling Riverine Plains Bioregions (Part); Listed BC Act,E: Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Peneplain, Nandewar and Brigalow Belt South Bioregions (Part); Listed EPBC Act,CE: White Box Yellow Box Blakely's Red Gum Woodland (Part);

Associated TEC Comments: PCT Percent Cleared: 75.00

Sunday, 29 November 2020





SOIL LANDSCAPE PROFILE

• Frw (Fullwoods Road)

Development Consultants - Surveying, Environmental & Landscape Architecture Services

109 Conadilly StreetT02 6742 2966PO Box 592F02 6742 0684Gunnedah NSW 2380cstewart@stewartsurveys.com

FULLWOODS ROAD

Transferral

Landscape— Extremely long (400 - 2,500 m) pediment footslopes comprised of coalescing alluvial fans below Permian and Triassic lithic sandstone hills. Slopes 2 - 8%, local relief <80 m, elevation 290 - 400 m. Mostly cleared open woodland.

Soils— Mostly degraded very deep to giant, moderately well-drained Red and Brown Chromosols (Red-brown Earths) with deep to very deep, well-drained Red Kandosols (Red Earths) common on upper footslopes.

Qualities and limitations — moderate soil fertility, localised foundation hazard, localised dieback, widespread recharge zone, localised discharge zone, localised salinity hazard, localised gully erosion hazard, localised sheet erosion hazard, widespread high run-on, localised permanently high watertables.

LOCATION AND SIGNIFICANCE

Long pediment footslopes and alluvial fans derived from Permian and Triassic sandstone hills in the Curlewis Hills. Type location is E end of Fullwoods Rd, 8 km SE of Curlewis and 17 km NW of Breeza (MGA grid reference 242500E, 6548900N, grid zone 56).

Variants

frw

None.

Included landscapes

None.

LANDSCAPE

Landform

Coalescing alluvial fan systems on long (400 - 2,500 m) pediment footslopes below Permian and Triassic sandstone hills, with slopes between 2 - 8%, local relief <80 m and elevation ranging from 290 - 400 m. Upper slopes are steeper with gradients up to 8% and incised drainage lines, whilst lower slopes are dominated by sheetflow with a few gullies.

Localised saline outbreaks are found in the floors of deep gullies and along lower footslopes, particularly where subsurface drainage may be impeded, e.g., by roads.

Geology

Quaternary alluvial/colluvial complex derived from Permian and Triassic sandstones and conglomerates deposited as a complex of interlocking fans. Depth to bedrock is generally >6 m. Most of the fan material overlies Permian sandstones and conglomerates.

Vegetation

Open woodland mostly cleared originally for agriculture. Dominant species which occur in remnant patches of vegetation and in regrowth areas include Eucalyptus albens (white box), E. melliodora (yellow box), E. populnea (bimble box), E. pilligaensis (pilliga box), Casuarina cristata (belah), Brachychiton populneus (kurrajong), Geijera parviflora (wilga), Heterodendron oleifolium (rosewood), Eremophila mitchellii (budda), Acacia deanei ssp. deanei (Deane's wattle), A. aneura (mulga), and A. harpophylla (brigalow).

Ground cover species include Stipa spp. (spear grasses), Aristida spp. (wire grasses), Bothriochloa ambigua (red grass), Dicanthium sericeum (blue grass), Eragrostis spp. (love grasses) and Panicum spp. (panics).

Climate

Estimated average annual rainfall ranges from 560 - 640 mm/year.

Hydrology

Not recorded.

Land use

Most of this soil landscape was originally cleared for cultivation, though grazing of cattle and sheep on improved pastures is now the dominant land use. Cropping is generally carried out in rotation with pasture phases, although some continuous cropping may still be found.

Land degradation

Severe gully erosion is associated with previously intensive cropping, and most gullies are relatively stable. Severe sheet and rill erosion is common in some areas. Structural decline from previous continuous cropping systems is evident in the form of plough pans, and where continuous cultivation is still carried out the remaining topsoil has become a dense compacted mass. Saline outbreaks are found on lower footslopes and fans and in association with structural controls such as roads.

Erosion hazard

Land use	Non-concentrated flows	Concentrated flows	Wind
cultivation	moderate	high	moderate
grazing	low	moderate	low
SOILS			

Soil Variation and Distribution

Upper footslopes are dominated by deep to very deep, well-drained Red Kandosols (Red Earths), with total soil depth <2 m. Mid to lower footslopes are generally dominated by very deep to giant, moderately well-drained Red and Brown Chromosols (Red-brown Earths), with total soil depth often >5 m.

QUALITIES AND LIMITATIONS

Capabilities			
Land and Soil Capability	5	Urban Capability	А
Soil Regolith Class	R4 (R3)		
Limitations to Land Use			
Grazing	low	Cultivation	moderate to high
Urban	low to moderate		
Landscape			
Steep slopes	not observed	Mass movement hazard	not observed
Rock outcrop	not observed	Rockfall hazard	not observed

Foundation hazard	localised	Woody weeds	not observed
Complex terrain	not observed	Productive arable land	not observed
Soils			
Shallow soils	not observed	Poor moisture availability	not observed
Non-cohesive soils	not observed	Soil fertility	moderate
Hydrology			
High run-on	widespread	Poor drainage	not observed
Permanently high watertables	localised	Permanent waterlogging	not observed
Seasonal waterlogging	not observed	Flood hazard	not observed
Erosion			
Wind erosion hazard	not observed	Wave erosion hazard	not observed
Gully erosion hazard	localised	Sheet erosion hazard	localised
Streambank erosion hazard	not observed		
Salinity			
Recharge zone	widespread	Discharge zone	localised
Salinity hazard	localised	Seepage scalds	localised
FACETS			
frw(1)— Upper footslopes		\sim	
Soils	Deep to very deep, well-drai	ned Red Kandosols (Red Earth	ıs).
Type Profile	Soil Landscapes of the Curle	ewis 1:100 000 Sheet (1000212	2), profile 27.
frw(2)— Mid to lower footsic			
Soils	Very deep to giant, moderate brown Earths and Solodic so	ely well-drained Red Chromoso ils).	ols and Sodosols (Red-
Type Profile	Soil Landscapes of the Curle	ewis 1:100 000 Sheet (1000212	2), profile 53.
	K)		
LAND MANAGEMENT R			

Contour banks and strip cropping is necessary to control sheetflow, especially in cropping systems but also beneficial on steeper upper footslopes in grazing systems. Cropping should be in rotation with pasture, with a maximum of 3 years under crop and a minimum of 3 years in continuous pasture. Tree cover of >10% in stands should be retained or promoted by planting or regeneration.

A buffer strip of native vegetation (planted or regenerated trees or pasture) should be maintained along the plainfootslope/fan boundary to lower locally high watertables and thereby reduce dryland salinity hazard.

Subsoil materials are generally unsuitable for earthworks, as some are susceptible to tunnelling or piping whilst others are highly expansive. Likewise some subsoils may provide difficulties in designing and constructing buildings, footings and drainage systems.

NOTES

(1) This report describes soil landscape information mapped at 1:100,000 scale and does not negate the need for site assessment at a scale suitable to the land use or development under consideration.

(2) 'Not observed' means unlikely to be found. 'Localised' means observed to a level considered significant for land management. 'Widespread' means prevalent and significant over most of the landscape. 'None recorded' means no

occurrence has been recorded. 'Not assessed' means no result has been recorded for this attribute and it may or may not be present in the soil landscape.

Crown copyright © NSW Office of Environment and Heritage, 2011. Produced for the Soil and Land Resources of the Liverpool Plains Catchment interactive DVD. Please email your feedback to soils@environment.nsw.gov.au.

SLAM Soil Landscape Report for Liverpool Plains v 1.0.0, Mon Oct 31 09:13:49 2011



APPENDIX H

BUSHFIRE PRONE LAND SEARCH RESULTS

Development Consultants - Surveying, Environmental & Landscape Architecture Services

109 Conadilly StreetT02 6742 2966PO Box 592F02 6742 0684Gunnedah NSW 2380cstewart@stewartsurveys.com



NSW RURAL FIRE SERVICE

Check if you're in bush fire prone land

Your Property



<https://maps.google.com/maps?ll=31.033557,150.221189&z=15&t=m&hl=en-GB&gl=10587ndata1@2023bit@port a map error <https://www.google.com/ma s/@-31.0335573,1 2211894,15z/data=!10m1!1e1!12b1?source=apiv3&rapsrc=apiv3>

Your search result

Google

You have conducted a search of the online bush fire prone land tool for the land in the map above. This se earch result is valid for the dat search was conducted. If you have any questions about the Bush Fire Prone Land Tool please contact bushfireprone.mapping@rfs.nsw.gov.au

The parcel of land selected is not identified as bush fire prone however you could still be affected by a bush fire.

Think about where you work, travel or holiday. These areas may be at risk of a bush fire.

Remember, discuss with your family about what to do if a bush fire were to happen near you. It may save life, your comm and your family

For more information on making a plan for bush fire check out our guide to making your bush fi re surv al plan s.nsw.gov.au/plan-and-prepare/bush-fire-survival-plan> .

The NSW RFS provides extensive information and resources to assist people interested in preparing their homes and families against the risk of bush fires. Try some of the useful links below for more information:

- Download a guide to making your bush fire survival plan
- Download the Bush Fire and Your Home fact sheet Download the Prepare. Act. Survive fact sheet
- Visit our Farm Fire Safety page

New Search Print



APPENDIX I

BIONET ATLAS SEARCH RESULTS – THREATENED FAUNA SPECIES LIST

Development Consultants - Surveying, Environmental & Landscape Architecture Services

 109 Conadilly Street
 T
 02 6742 2966

 PO Box 592
 F
 02 6742 0684

 Gunnedah NSW 2380
 cstewart@stewartsurveys.com

Data from the BioNet Atlas website, which holds records from a number of custodians. The data are only indicative and cannot be considered a comprehensive inventory, and may contain errors and omissions. Species listed under the Sensitive Species Data Policy may have their locations denatured (^ rounded to 0.1°C; ^^ rounded to 0.01°C. Copyright the State of NSW through the Department of Planning, Industry and Environment. Search criteria : Public Report of all Valid Records of Animals in selected area [North: -30.96 West: 150.16 East: 150.26 South: -31.06] returned a total of 1,473 records of 215 species. Report generated on 10/12/2021 10:24 AM

Kingdom	Class	Family	Species Code	Scientific Name	Exotic	Common Name	NSW status	Comm. status	Records	Info
Animalia	Amphibia	Hylidae	3171	Litoria caerulea		Green Tree Frog	Р		6	
Animalia	Amphibia	Hylidae	3210	Litoria rubella		Desert Tree Frog	Р		3	
Animalia	Amphibia	Limnodynastidae	3098	Notaden bennettii		Crucifix Frog	Р		1	
Animalia	Reptilia	Chelidae	5259	Chelodina expansa		Broad-shelled Turtle	Р		2	
Animalia	Reptilia	Chelidae	2017	Chelodina longicollis		Eastern Snake-necked Turtle	Р		9	
Animalia	Reptilia	Chelidae	2034	Emydura macquarii		Macquarie Turtle	Р		2	
Animalia	Reptilia	Carphodactylidae	2139	Uvidicolus sphyrurus		Border Thick-tailed Gecko	V,P	V	1	i
Animalia	Reptilia	Diplodactylidae	2123	Nebulifera robusta		Robust Velvet Gecko	P		1	
Animalia	Reptilia	Pygopodidae	2144	Aprasia parapulchella		Pink-tailed Legless Lizard	V,P	V	1	н
Animalia	Reptilia	Pygopodidae	2170	Lialis burtonis		Burton's Snake-lizard	Р		1	
Animalia	Reptilia	Pygopodidae	2911	Pygopus schraderi		Eastern Hooded Scaly-foot	Р		1	
Animalia	Reptilia	Scincidae	2331	Cryptoblepharus virgatus		Cream-striped Shinning-skink	Р		1	
Animalia	Reptilia	Scincidae	2375	Ctenotus robustus		Robust Ctenotus	Р		2	
Animalia	Reptilia	Scincidae	2386	Ctenotus taeniolatus		Copper-tailed Skink	Р		1	
Animalia	Reptilia	Scincidae	2429	Egernia striolata		Tree Skink	Р		2	
Animalia	Reptilia	Scincidae	2450	Lampropholis delicata		Dark-flecked Garden Sunskink	Р		2	
Animalia	Reptilia	Scincidae	2499	Lerista punctatovittata		Eastern Robust Slider	Р		1	
Animalia	Reptilia	Scincidae	2419	Liopholis modesta		Eastern Ranges Rock-skink	Р		1	
Animalia	Reptilia	Scincidae	2519	Menetia greyii		Common Dwarf Skink	Р		1	
Animalia	Reptilia	Scincidae	2580	Tiliqua scincoides		Eastern Blue-tongue	Р		1	
Animalia	Reptilia	Agamidae	2194	Amphibolurus muricatus		Jacky Lizard	Р		1	
Animalia	Reptilia	Agamidae	2177	Pogona barbata		Bearded Dragon	P		5	
nimalia	Reptilia	Varanidae	2283	Varanus varius		Lace Monitor	P		5	
nimalia	Reptilia	Typhlopidae	2603	Anilios proximus		Proximus Blind Snake	P		1	
nimalia	Reptilia	Typhlopidae	2605	Anilios proximus Anilios wiedii		Brown-snouted Blind Snake	P		1	
Animalia	Reptilia	Elapidae	2711	Brachyurophis australis		Coral Snake	P		2	
Animalia	Reptilia	Elapidae	2669	Furina diadema		Red-naped Snake	P		2	
Animalia	Reptilia	Elapidae	2675	Hoplocephalus bitorquatus		Pale-headed Snake	V,P		1	i
Animalia	Reptilia	Elapidae	2692	Pseudechis guttatus		Spotted Black Snake	Р		2	
Animalia	Reptilia	Elapidae	2693	Pseudechis porphyriacus		Red-bellied Black Snake	Р		1	
Animalia	Reptilia	Elapidae	9075	Pseudechis sp.		Unidentified Black Snake	Р		1	
Animalia	Reptilia	Elapidae	2699	P <mark>seu</mark> donaja textilis		Eastern Brown Snake	Р		6	
Animalia	Aves	Phasianidae	0009	Coturnix pectoralis		Stubble Quail	Р		2	
Animalia	Aves	Anatidae	0211	Anas gracilis		Grey Teal	P		1	
Animalia	Aves	Anatidae	0208	Anas superciliosa		Pacific Black Duck	Р		8	
Animalia	Aves	Anatidae	0217	Biziura lobata		Musk Duck	P		1	
nimalia	Aves	Anatidae	0202	Chenonetta jubata		Australian Wood Duck	P		7	
Animalia	Aves	Anatidae	0202	Cygnus atratus		Black Swan	P		1	
Animalia	Aves	Anatidae	0213	Malacorhynchus membranaceus		Pink-eared Duck	P		1	
Animalia	Aves	Anatidae	0216	Oxyura australis		Blue-billed Duck	V,P		1	
Animalia	Aves	Podicipedidae	0062	Poliocephalus poliocephalus		Hoary-headed Grebe	P		1	
Animalia	Aves	Podicipedidae	0061	Tachybaptus novaehollandiae		Australasian Grebe	Р		1	
Animalia	Aves	Columbidae	0957	Columba livia *		Rock Dove			4	
nimalia	Aves	Columbidae	0031	Geopelia cuneata		Diamond Dove	Р		1	
nimalia	Aves	Columbidae	0032	Geopelia humeralis		Bar-shouldered Dove	Р		5	
nimalia	Aves	Columbidae	9931	Geopelia striata		Peaceful Dove	Р		5	
nimalia	Aves	Columbidae	0043	Ocyphaps lophotes		Crested Pigeon	Р		17	
nimalia	Aves	Columbidae	0034	Phaps chalcoptera		Common Bronzewing	Р		3	
nimalia	Aves	Podargidae	0313	Podargus strigoides		Tawny Frogmouth	P		18	
nimalia	Aves	Aegothelidae	0317	Aegotheles cristatus		Australian Owlet-nightjar	P		2	
nimalia	Aves	Phalacrocoracidae	0097	Phalacrocorax sulcirostris		Little Black Cormorant	P		1	
nimalia	Aves	Ardeidae	0189	Ardea pacifica		White-necked Heron	Р		1	
Animalia	Aves	Ardeidae	0188	Egretta novaehollandiae Page 74 of		White-faced Heron	Р		5	

Animalia Aves Threskolmithidae 0.012 Plottele forliges Vellow-billed Spoohlin P Animalia Aves Threskolmithidae 0.013 Threskolmithidae 0.013 Straw-recked lois P Animalia Aves Accipitridae 0.014 Acplie forcibus Straw-recked lois P Animalia Aves Accipitridae 0.014 Circa assmits Straw-recked lois P Animalia Aves Accipitridae 0.012 Circa assmits Spottad Harrer V.P.B Animalia Aves Accipitridae 0.012 Animalia Spottad Harrer V.P.B Animalia Aves Accipitridae 0.021 Animalia Aves Spottad Harrer V.P.B Animalia Aves Accipitridae 0.021 Arkaphotethiatus Supart-reliad Straw-reliad Straw V.P.B Animalia Aves Factoradia 0.024 Accipitridae 0.024 Accipitridae 0.024 Accipitridae 0.024 Accipitridae 0.024 Accipit	1	
Animalia Aves Threskonnthidae 0.180 Threskonnis spinicaliis Straw-necked bis P Animalia Aves Accipitride 0.221 Accipitride for forcions Brown Geshawk P Animalia Aves Accipitride 0.223 Aulia audo Wedge-talled Esgle P Animalia Aves Accipitride 0.233 Elmis sailior's Black-shouldered Kite P Animalia Aves Accipitride 0.231 "Minimizstra Black-shouldered Kite P Animalia Aves Accipitride 0.231 "Minimizstra Black-shouldered Kite P Animalia Aves Accipitride 0.233 Minis sup Square-Lined Kite V.P.3 Animalia Aves Falcondee 0.240 Ploto cenchrodes Square-Lined Kite V.P.3 Animalia Aves Falcondee 0.240 Ploto cenchrodes Nankein Kestred P Animalia Aves Charadride 0.140 Hineuspus finanontypus Black-fonoted		
Animalia Aves Accipitride 021 Accipiter fosciatus Brown Goshawk P Animalia Aves Accipitride 022 Acquite outs Systems Black-shouldered file P Animalia Aves Accipitride 023 Elanas calibris Black-shouldered file P Animalia Aves Accipitride 023 Elanas calibris Black-shouldered file P Animalia Aves Accipitride 023 Elanas calibris Black-shouldered file P Animalia Aves Accipitride 023 Haracasiliaris Micharita Aves Accipitride 023 Haracasiliaris Micharita Aves Accipitride 023 Haracasis morphologes Minimalia Aves Accipitride 023 Haracasis morphologes Minimalia Aves Accipitride 024 Haracasis morphologes Minimalia Aves Accipitride 024 Milas migrons Black broasted Buzzard V,P,J Animalia Aves Falconide 023 Ploko beirgon Animalia Aves Falconide 024 Milas migrons Black Kite 19 Animalia Aves Falconide 024 Ploko cerchroides Animalia Aves Falconide 024 Ploko cerchroides Animalia Aves Falconide 023 Ploko beirgon Haracasis Milas Milas Plant Accipitride 024 Ploko cerchroides Animalia Aves Falconide 023 Ploko beirgon Haracasis Milasted 19 P Animalia Aves Charadride 014 Elseyonis metopas Black-fined 5017 P Animalia Aves Charadride 014 Elseyonis metopas Black-finede 5017 P Animalia Aves Charadride 013 Varellus miles Masked Lapomin P Animalia Aves Charadride 027 Cootau songuinee Unite Corella (P Animalia Aves Charadride 027 Cootau songuinee Minimalia Aves Charadride 027 Cootau songuinee Minimalia Aves Charadride 028 Plokohondicis Data Faronia Elseyonis Masked Lapomin P Animalia Aves Charadride 029 Milastra Cootavita Minimalia Aves Charadride 029 Milastra Scopitrin Masked Lapomin P Animalia Aves Pattacide 029 Milastra Scopitrin Masked Lapomin P Animalia Aves Pattacide 029 Milastra Scopitrin Masked Calabona P Animalia Aves Pattacide 029 Milastra Scopitrin Masked Dapomin P Animalia Aves Pattacide 029 Milastra Scopitrin Masked Dapomin P Animalia Aves Pattacide	2	
Animala Aves Accipitridae 021 Accipiter forcienus Brown Goshawk P Animala Aves Accipitridae 022 Acquite dockers Animala Aves Accipitridae 023 Circus assiluits Spotter Harrier V.P Animala Aves Accipitridae 023 Elonas asiluits Black-shouldered fite P Animala Aves Accipitridae 023 Elonas asiluits Black-shouldered fite P Animala Aves Accipitridae 023 Protocome Strandorm Black-broadered fite P Animala Aves Accipitridae 023 Protocome Strandorm Black-broadered fite P Animala Aves Accipitridae 023 Protocome Strandorm Black-broadered fite V.P.3 Animala Aves Accipitridae 023 Protocome Strandorm Black-broadered fite V.P.3 Animala Aves Accipitridae 024 Protocome Strandorm Black-broader V.P.3 Animala Aves Accipitridae 025 Protocome Strandorm Black-broader V.P.3 Animala Aves Falconidae 025 Protocome Strandorm Black-broader V.P.3 Animala Aves Falconidae 024 Protocome/Strandorm Black-broader V.P.3 Animala Aves Falconidae 024 Protocome/Strandorm Black-broader V.P.3 Animala Aves Falconidae 025 Folco Dorgicorins Australian Hobby P Animala Aves Falconidae 024 Folco conchroides Nationae Strandorm P Animala Aves Falconidae 024 Folco conchroides Nationae Nationae Nation P Animala Aves Charadridae 014 Falcongenis Black-frontes Dotterel P Animala Aves Charadridae 014 Turkiv virus Parted Battorn-qual P Animala Aves Charadridae 027 Cocottu songuinee Uithe Corelis OP Animala Aves Charadridae 026 Bottornitis Australia Marked Lapowin P Animala Aves Charadridae 027 Cocottu songuinee Australia Partite Network P Animala Aves Pattocidae 028 Bottornitis Australia Partite Network P Animala Aves Pattocidae 029 Bottornitis Australia Partite Network P Animala Aves Pattocidae 029 Bottornitis Australia Partite Network P Animala Aves Pattocidae 029 Pathotocidae Market P Animala Aves Pattocidae 029 Pathotechologistic Partitis Strande Cocodo P Animala Aves Pattocida		
Animalia Aves Accipitridae 0224 Apuito audor Wedge tailed Eagle P Animalia Aves Accipitridae 0232 Elanus anillaris Spotted Harrier V,P Animalia Aves Accipitridae 0232 Elanus anillaris Black-shouldered Kite P Animalia Aves Accipitridae 0232 Elanus anillaris Black-shouldered Kite P Animalia Aves Accipitridae 0233 Manus filta Black-shouldered Kite V,P Animalia Aves Accipitridae 0230 Manus filta Spaure-tailed Kite V,P Animalia Aves Falconidae 0230 Manus filta Spaure-tailed Kite V,P Animalia Aves Falconidae 0230 Falco filta Nanus filta Nanus filta Aves Falconidae Nanus filta	4	
Ammalia Aves Accipitridae 0224 Applie outdor Wedge tailed Eagle P Animalia Aves Accipitridae 0232 Ensa scalinity Spotted Harrier VP Animalia Aves Accipitridae 0233 Ensa scalinity Black-broudleared Kite P Animalia Aves Accipitridae 0234 Malantary Black-broudleared Mara VP,3 Animalia Aves Accipitridae 0234 Malantary Black-broaded Mara VP,3 Animalia Aves Accipitridae 0234 Malantary Black Kite VP,3 Animalia Aves Accipitridae 0233 Malantary Nance P Animalia Aves Falconidae 0233 Falco largipanos Australian Hobby P Animalia Aves Falconidae 0144 Homatapus Himanotapus Black-wirged Stitt P Animalia Aves Charadidae 0134 Homatapus Himanotapus Black-stroneed Data Black-wirged Stitt </td <td>3</td> <td></td>	3	
AnimaliaAvesAccipitride0.210"(row assimiliesSpottent Harring0"//AnimaliaAvesAccipitride0.22Honso collicityHistory StatewardsWhisting KitePAnimaliaAvesAccipitride0.23"MinimicationBlack-breasted BlazzardV.P.IAnimaliaAvesAccipitride0.23"MinimicationBlack-breasted BlazzardV.P.IAnimaliaAvesAccipitride0.23"MinimicationSuper-tailed KiteV.P.IAnimaliaAvesAccipitride0.23Falco certhroidesBlack-breasted BlazzardV.P.IAnimaliaAvesFalconidae0.23Falco certhroidesBlack-toried StateV.P.IAnimaliaAvesFalconidae0.24Falco certhroidesNatkeen KestrelV.P.IAnimaliaAvesCharadrificae0.14HimontopusBlack-toried DirectivePAnimaliaAvesCharadrificae0.14HimontopusBlack-toried DirectivePAnimaliaAvesCharadrificae0.14Turrix verixBlack-toried DirectivePAnimaliaAvesCactuidae0.07Corcinus canginenLitth VersitaPAnimaliaAvesCactuidae0.07Corcinus canginenLitth VersitaPAnimaliaAvesCactuidae0.02Animalia cactuidaePPAnimaliaAvesCactuidae0.02MinistateAnimaliaPAvesCac	6	
Animalia Axes Accipitridae 0.23 Elema solitoria Black-bioldered Kite P Animalia Aves Accipitridae 0.23 Ministry Strephrans Black-breasted Buzzard V.P.3 Animalia Aves Accipitridae 0.23 Ministron Black-breasted Buzzard V.P.3 Animalia Aves Accipitridae 0.23 Ministron Space-staled Kite V.P.3 Animalia Aves Accipitridae 0.23 Ministron Space-staled Kite V.P.3 Animalia Aves Falconidae 0.23 Falco berrigora Black-Kite P Animalia Aves Falconidae 0.23 Falco berrigora Black-winged State P Animalia Aves Falconidae 0.23 Falco berrigora Black-winged State P Animalia Aves Charadridae 0.13 Voreflux minitor Marked Lapwran P Animalia Aves Charadridae 0.13 Voreflux minitor Marked Lapwran P </td <td>1</td> <td>1</td>	1	1
Animalia Acceptricide 023 Intensity spherums Whelling Kin P Animalia Acceptricide 023 Metamosteron Black-bressted Buzard VJ.P.3 Animalia Aces Acciptricide 023 Metamosteron Square-tailed Kite V.P.3 Animalia Axes Acciptricide 023 Mikus migrans Black-Kite V.P.3 Animalia Axes Falconidae 023 Folico berigora Black-Kite V.P.3 Animalia Axes Falconidae 023 Folico berigora Black-Kite V.P.3 Animalia Axes Falconidae 023 Folico berigora Australian Hobby P Animalia Axes Charadritidae 014 Ebeyonis melonops Black-fronted botterel P Animalia Axes Charadritidae 014 Ebeyonis melonops Black-fronted botterel P Animalia Axes Charadritidae 023 Venelus milonops Black-fronted botterel P Animal	3	
Animalia Aves Accipitridae 02.31 Muterioastra mechanostra mechanostra mechanostra mechanostra mechanostra mechanostra mechanostra mechanostra server and server an	3	
AnimaliaAvesAccipitridae0.215 <i>Hieroartus maghnodas</i> Little EagleV.PAnimaliaAvesAccipitridae0.220Mulpus migransBlack KineV.PAnimaliaAvesFalconidae0.220Mulpus migransBlack KineV.PAnimaliaAvesFalconidae0.220Folco centroidesBrankern KastrelV.PAnimaliaAvesFalconidae0.240Folco centroidesMulpus migransAustralian HobbyPAnimaliaAvesFalconidae0.213Folco fongipenisAustralian HobbyPAnimaliaAvesCharadnidae0.146Himmantopus misnotopusBlack fronted forterelPAnimaliaAvesCharadnidae0.133Vonelus missMasked LapwitsPAnimaliaAvesCocatuidae0.259Cocatus agrintraLittle GrellaPAnimaliaAvesCacatuidae0.271Cocatus agrintraLittle GrellaPAnimaliaAvesCacatuidae0.273Colopus conguineaLittle GrellaPAnimaliaAvesCacatuidae0.274Mymphicus holandicusAustralian King-ParrotPAnimaliaAvesPattacidae0.254Giosopitta pusilaLittle GrellaPAnimaliaAvesPattacidae0.248Giosopitta pusilaLittle GrellaPAnimaliaAvesPattacidae0.258Giosopitta pusilaLittle GrellaPAnimaliaAves <td>1</td> <td>2</td>	1	2
Animalia Aves Accipitridae 0220 Musu migrans Square-teiled tite VP.3 Animalia Aves Falconidae 0223 Fieldo Dergran Biock Kite P Animalia Aves Falconidae 0233 Fieldo Dergran Bioxon Falcon P Animalia Aves Falconidae 0235 Fieldo Dergran Biox Matern Kestrel P Animalia Aves Reiconidae 0134 Kreen Kestrel P Animalia Aves Charadriidae 0133 Vorelus miles Matern Kestrel P Animalia Aves Charadriidae 0133 Vorelus miles Matern Kestrel P Animalia Aves Cacatuidae 0221 Cocatus anguinera Little Carelin P Animalia Aves Cacatuidae 0221 Cocatus anguinera Little Carelin P Animalia Aves Pattacidae 0224 Biondrifus Sandrifus Australian Kingheres P Animalia Ave		
AnimaliaAvesFactorindae0229 <i>Milva migrans</i> :Black KinePAnimaliaAvesFalconidae0230Falco brigaraBrown FalconPAnimaliaAvesFalconidae0240Folco cenchroidesNankeen KestrelPAnimaliaAvesRecurvirosthde0146 <i>Himantopus</i> MantopusMascel StatuPAnimaliaAvesCharadriidae0146 <i>Himantopus</i> MantopusMascel LapwingPAnimaliaAvesCharadriidae0133Vanelus milesMascel LapwingPAnimaliaAvesCharadriidae0143 <i>Elegvaris</i> melonopsBlack Kingel StatuPAnimaliaAvesColaratididae0129Cocatus ageirtaSignaur created pckatooPAnimaliaAvesCacatuidae0229Cocatus agoirtaSignaur created pckatooPAnimaliaAvesCacatuidae0214Kymely subinarioGalaPAnimaliaAvesCacatuidae0224Bornardius zonariosAustralian King-ParrotPAnimaliaAvesPsittacidae0280Mistarius zonariosAustralian King-ParrotFLAnimaliaAvesPsittacidae0280Mistarius zonariosAustralian King-ParrotFLAnimaliaAvesPsittacidae0280Mistarius zonariosAustralian King-ParrotFLAnimaliaAvesPsittacidae0280Mistarius zonariosAustralian King-ParrotFL <t< td=""><td>5</td><td>1</td></t<>	5	1
Animalia Aves Fatconidae 0239 Folico carchioides Brown Facton P Animalia Aves Fatconidae 0235 Folico carchioides Australian Hobby P Animalia Aves Recurvirostridae 0144 Elseyonis melonops Black-fronted Dotterel P Animalia Aves Charadriidae 0133 Vornelus miles Masked Layowith P Animalia Aves Charadriidae 0133 Vornelus miles Masked Layowith P Animalia Aves Contardiidae 0229 Coctuta generica Subnur-crested Cyclato P Animalia Aves Cocatuidae 0271 Cocatus anguinea Utite Societaci P Animalia Aves Cacatuidae 0271 Colophus rosekcopilio Galah P Animalia Aves Cacatuidae 0274 Mymphicus kolandicus Cockatiel P Animalia Aves Pattacidae 0284 Biarchicus sonanius Australian Kingener P <td>1</td> <td>1</td>	1	1
Animalia Aves Falconidae 0240 Creditive controlides Nanken Kestrel P Animalia Aves Falconidae 0215 Falco longipennis Australian Hobby P Animalia Aves Recurvitosttidae 0146 Himantopus himanotopus Black-fronted Dotterel P Animalia Aves Charadriidae 0148 Elseyonis melonops Black-fronted Dotterel P Animalia Aves Charadriidae 0148 Galingo hardwickii Lattonis Sippe P Animalia Aves Cacatuidae 0219 Cacatuidae 0211 Cacatuidae P Animalia Aves Cacatuidae 0221 Cacatuidae O211 Cacatuidae P Animalia Aves Cacatuidae 0221 Aliterus scopularis Australian King-Parot P Animalia Aves Psittacidae 0226 Galospitto concinnos Musk toinsel P Animalia Aves Psittacidae 0320 Mucheparotuichas	2	
AnimaliaAvesFatconidaeCenchrolidesAustralian HobbyPAnimaliaAvesRecurvirostridae0146Himontopus himontopusBlack-winged StiltPAnimaliaAvesCharadniidae0133Vonellus milesMasked lapwinPAnimaliaAvesCharadniidae0133Vonellus milesMasked lapwinPAnimaliaAvesCoolpaddee0016Glingo hordwickiLatt set SopePAnimaliaAvesCacatuidae0029Cacatua geleritaSulphur-crested GackatooPAnimaliaAvesCacatuidae0221Cacatua geleritaSulphur-crested GackatooPAnimaliaAvesCacatuidae0221Cacatua geleritaGalahPAnimaliaAvesCacatuidae0221Gactua geleritaSulphur-crested GackatooPAnimaliaAvesCacatuidae0224Bornordius sonorisAustralian Ring-ParotPAnimaliaAvesPsittacidae0281Alisterus scopularisAustralian Ring-ParotPAnimaliaAvesPsittacidae0260Glossopsitta concinnaMusk LorikeetV.PAnimaliaAvesPsittacidae0220Privercus examisCarinson RosellaPAnimaliaAvesPsittacidae0302Macharnus discolaSwirt ParotCLP,3AnimaliaAvesPsittacidae0322Privercus examisEastern RosellaPAnimaliaAvesPsittacidae<	1	
Animalia Aves Falconide 0225 Falco longipennis Australian Hobby P Animalia Aves Recurvinostridae 0146 Himantopus himantopus Black-winned Stills P Animalia Aves Charadriidae 0133 Yanelius miles Masked Laponin P Animalia Aves Scolopacidae 0133 Yanelius miles Masked Laponin P Animalia Aves Scolopacidae 0133 Yanelius writs Palmed Button-gual P Animalia Aves Cacatuidae 0229 Cacatuia sorguinea Uttre corelia P Animalia Aves Cacatuidae 0271 Cacatuia sorguinea Uttre corelia P Animalia Aves Cacatuidae 0271 Cacatuis scopularis Australian King-Parot P Animalia Aves Cacatuidae 0271 Cacatuis scopularis Australian King-Parot P Animalia Aves Psittacidae 0224 Boradrius scopularis Australian King-Parot <td>11</td> <td></td>	11	
Animalia Aves Recurvirostridae 0146 Himonopus himonopus Black-fronted Ditterel P Animalia Aves Charadriidae 0133 Vonellus miles Masked Laywin P Animalia Aves Charadriidae 0133 Vonellus miles Masked Laywin P Animalia Aves Charadriidae 0133 Vonellus miles Masked Laywin P Animalia Aves Scolopaddea 0014 Turnix vorius Parhed Button-quail P Animalia Aves Cacatuidae 0271 Cocatua generin Sulphur-crested Ockatoo P Animalia Aves Cacatuidae 0271 Cocatua generin Cactuata Singuina Little Corella P Animalia Aves Psittacidae 0281 Alisterius scoupuloris Australian King-Parrot P Animalia Aves Psittacidae 0280 Giosopsitu concinno Musk Ionkeet V,P Animalia Aves Psittacidae 0280 Mathamus discola	-	
Animalia Aves Charadriidae 0144 Ebeyrnis melangos Black-fronted Dotterel P Animalia Aves Charadriidae 0133 Vanelus miles Masked Lapwins P Animalia Aves Scolopaddae 0168 Galinago hardwickii Lathingo Sinjoe P Animalia Aves Cacatuidae 0269 Cacatua galerita Sunhur-crested pokatoo P Animalia Aves Cacatuidae 0271 Cacatua songuinea Little Corella P Animalia Aves Cacatuidae 0272 Colophus roseicopilia Galan P Animalia Aves Cacatuidae 0273 Colophus roseicopilia Galan P Animalia Aves Cacatuidae 0273 Colophus roseicopilia Galan P Animalia Aves Cacatuidae 0274 Nymphicus hollandicus Cockatel P Animalia Aves Psittacidae 0274 Nymphicus hollandicus Cockatel P Animalia Aves Psittacidae 0275 Glophus roseicopilia Galan P Animalia Aves Psittacidae 0276 Gissopsitta concinna Musk Lorikeet V Animalia Aves Psittacidae 0266 Gissopsitta concinna Musk Lorikeet V, P Animalia Aves Psittacidae 0266 Gissopsitta concinna Musk Lorikeet V, P Animalia Aves Psittacidae 0282 Alexcepture Statellar State V, P, A Animalia Aves Psittacidae 0282 Platycerato sepularia Mustralian Ring-Parrot V, P, 3 Animalia Aves Psittacidae 0282 Platycerato seximitos Eastern Rosella P Animalia Aves Psittacidae 0282 Platycerato seximitos Eastern Rosella P Animalia Aves Psittacidae 0282 Platycerato seximitos Eastern Rosella P Animalia Aves Psittacidae 0285 Psephotus Internatorotus Rainbow Lorikeet P Animalia Aves Psittacidae 0285 Psephotus Internatorotus Rainbow Lorikeet P Animalia Aves Psittacidae 0287 Psephotus Internatorotus Rainbow Lorikeet P Animalia Aves Psittacidae 0287 Psephotus Internatorotus Rainbow Lorikeet P Animalia Aves Psittacidae 0287 Psephotus Internatorotus Rainbow Lorikeet P Animalia Aves Cuculidae 0387 Cacamonis fisbeliformis Fan-talied Cuckoo P Animalia Aves Cuculidae 0384 Curvinanys orientalis Eastern Rosella P Animalia Aves Cuculidae 0384 Curvinanys orientalis Eastern Rosella P Animalia Aves Cuculidae 0386 Cacamonis fisbeliformis Rainabow Lorikeet P Animalia Aves Maluridae 0386 Coromobus contabos Rainbow Lorikeet P Animalia Aves Maluridae 0386 Coromo	5	
AnimaliaAvesCharadriidae0133Varellus milesMasked LapwinsPAnimaliaAvesScolopacidae0168Gollingo hordwickiiLathaps singePAnimaliaAvesCacatuidae0014Turnik variusPainted Button caulaPAnimaliaAvesCacatuidae0271Cacatus anguineaUitte CorellaPAnimaliaAvesCacatuidae0271Cacatus songuineaUitte CorellaPAnimaliaAvesCacatuidae0271Cacatus songuineaUitte CorellaPAnimaliaAvesCacatuidae0273Eclophus roseicapilloGalainPAnimaliaAvesCacatuidae0274Mymphicus holtandicusCackteilPAnimaliaAvesPsittacidae0284Barandrus zonariusAustralian Ring-ParrotPAnimaliaAvesPsittacidae0266Giossopsitta concinnaMusk LorikeetV,PAnimaliaAvesPsittacidae0202Mucopherno sytucheloTurquoise ParrotV,P 3AnimaliaAvesPsittacidae0282Platycercus elegonsCrimson RosellaPAnimaliaAvesPsittacidae0289Pictycercus elegonsCrimson RosellaPAnimaliaAvesPsittacidae0284Pictogissus hearmatodusRainbalu burkeetPAnimaliaAvesPsittacidae0284Pictogissus hearmatodusRainbalu burkeetPAnimaliaAvesCucu	1	
AnimaliaAvesCharadriidae0133Varellus milesMasked LapwinsPAnimaliaAvesScolopacidae0168Gollingo hordwickiiLathaps singePAnimaliaAvesCacatuidae0014Turnik variusPainted Button caulaPAnimaliaAvesCacatuidae0271Cacatus anguineaUitte CorellaPAnimaliaAvesCacatuidae0271Cacatus songuineaUitte CorellaPAnimaliaAvesCacatuidae0271Cacatus songuineaUitte CorellaPAnimaliaAvesCacatuidae0273Eclophus roseicapilloGalainPAnimaliaAvesCacatuidae0274Mymphicus holtandicusCackteilPAnimaliaAvesPsittacidae0284Barandrus zonariusAustralian Ring-ParrotPAnimaliaAvesPsittacidae0266Giossopsitta concinnaMusk LorikeetV,PAnimaliaAvesPsittacidae0202Mucopherno sytucheloTurquoise ParrotV,P 3AnimaliaAvesPsittacidae0282Platycercus elegonsCrimson RosellaPAnimaliaAvesPsittacidae0289Pictycercus elegonsCrimson RosellaPAnimaliaAvesPsittacidae0284Pictogissus hearmatodusRainbalu burkeetPAnimaliaAvesPsittacidae0284Pictogissus hearmatodusRainbalu burkeetPAnimaliaAvesCucu	1	
Animalia Aves Scolopacidae 0168 Gallingo hardwickii Lathamissing P Animalia Aves Turnicidae 0014 Turnix varius Palifed Button quail P Animalia Aves Cacatuidae 0250 Cacatus anguinea Little corelia P Animalia Aves Cacatuidae 0271 Cacatus anguinea Little corelia P Animalia Aves Cacatuidae 0273 Eolophus roseicapilla Galah P Animalia Aves Cacatuidae 0274 Mymphicus hollandicus Cackatel P Animalia Aves Psittacidae 0238 Aisterus scopularis Australian King-Parrot P Animalia Aves Psittacidae 0258 Glossopsitte posilla Musk Lorikeet P Animalia Aves Psittacidae 0250 Glossopsitte pusilla Swift Parrot E3,P,3 Animalia Aves Psittacidae 0302 "Aletaprescolar Cirnison Roselia P Animalia Aves Psittacidae 0228 Parycerus eximitas Eastern Roselia P Animalia Aves Psittacidae 0239 Psiephotus Internotus Rainovel P	- 6	
AnimaliaAvesTurnicidae0014Turnix variusPainted Button-quailPAnimaliaAvesCacatuidae0250Cacatua galeritaSaluhur-crested tockatooPAnimaliaAvesCacatuidae0271Ecotus anguineaLttte CorellaPAnimaliaAvesCacatuidae0273Eolophus roseicapillaGalainPAnimaliaAvesCacatuidae0274Nymphicus holinariusCockatelPAnimaliaAvesPsittacidae0284Bitterus scapularisAustralian King-ParrotPAnimaliaAvesPsittacidae0284Biosopsitta concinnaMusk LorikeetVPAnimaliaAvesPsittacidae0250Giosopsitta concinnaMusk LorikeetVP.AnimaliaAvesPsittacidae0200"Automanus discolaSwift ParrotV,P.3AnimaliaAvesPsittacidae0202"Mecophema buchelloCrimson RosellaPAnimaliaAvesPsittacidae0288Platycercus eximitasEastern RosellaPAnimaliaAvesPsittacidae0288Platycercus eximitasReid-rumped ParrotPAnimaliaAvesPsittacidae0293Platycercus eximitasReid-rumped ParrotPAnimaliaAvesCuculidae0382Cocomatifs flabellformisFan-talled CuckooPAnimaliaAvesCuculidae0342Sythrops novaeholandiaeChannel-billed CuckooPAnimalia<	J,K 1	
AnimaliaAvesCacatuidae0269Cacatua galeritaSunhur-crested tockatooPAnimaliaAvesCacatuidae0271Cacatua snguineaLittle CoreliaPAnimaliaAvesCacatuidae0271Cacatus snguineaLittle CoreliaPAnimaliaAvesCacatuidae0271Cacatus snguineaLittle CoreliaPAnimaliaAvesCacatuidae0274Nymphicus hollandicusCockatielPAnimaliaAvesPsittacidae0284Aisterus scapularisAustralian King-ParrotPAnimaliaAvesPsittacidae0258Glossopsitta concinaoMusk LorikeetV.PAnimaliaAvesPsittacidae0260Glossopsitta pusilioLittle LorikeetV.P.AAnimaliaAvesPsittacidae0202"Meophera hukcheloSwift ParrotE.J.P.3AnimaliaAvesPsittacidae0228Playceros elegansCrinson RoselaPAnimaliaAvesPsittacidae0239Playceros elegansCrinson RoselaPAnimaliaAvesPsittacidae0242CharlerengatonotusRef-umped ParrotPAnimaliaAvesPsittacidae0239Playceros elegansRainbow LorikeetPAnimaliaAvesCuculidae0242Charlere basalisHerofield's Bronze-CuckooPAnimaliaAvesCuculidae0242Charlere basalisEastern RoelPAnimaliaAves	2	
Animalia Aves Cacatuidae 0271 Cacatus songuinea Little Corella P Animalia Aves Cacatuidae 0273 Eolophus roseicapilla Galah P Animalia Aves Cacatuidae 0274 Mymphicus biolandicus Cockatiel P Animalia Aves Psittacidae 0281 Alisterus scapularis Australian King-Parrot P Animalia Aves Psittacidae 0250 Giossopsitta concinna Musk Lorikeet P Animalia Aves Psittacidae 0309 Anitatomus discola Swift Parrot E1,P.3 Animalia Aves Psittacidae 0302 Anicontamus discola Swift Parrot E1,P.3 Animalia Aves Psittacidae 0322 Anicoreus evinitios Eastern Rosella P Animalia Aves Psittacidae 0283 Platycerrus elegans Crimson Rosella P Animalia Aves Psittacidae 0295 Psephotus negnatonotus Rei-rumped Parrot P Animalia Aves Cuculidae 0347 <t< td=""><td>31</td><td></td></t<>	31	
Animalia Aves Cacatuidae 0273 Eolophus roscicapilla Galah P Animalia Aves Cacatuidae 0274 Nymphicus hollandicus Cockatiel P Animalia Aves Psittacidae 0234 Barnardius zonarius Australian King-Parot P Animalia Aves Psittacidae 0234 Barnardius zonarius Australian King-Parot P Animalia Aves Psittacidae 0258 Glossopsitty pusila Musk Lorikeet P Animalia Aves Psittacidae 0309 ArLathamus discola Swift Parrot E1,P,3 Animalia Aves Psittacidae 0322 Arlathamus discola Turquoise Parrot V,P,3 Animalia Aves Psittacidae 0228 Platycercus eximitos Eastern Rosella P Animalia Aves Psittacidae 0239 Platycercus eximitos Rainbou torikeet P Animalia Aves Psittacidae 0338 Cocomantis fiabeli/formis Fan-tailed Cuckoo P Animalia Aves Cuculidae 0347	3	
Animalia Aves Cacatuidae 0274 Nymphicus hollandicus Cockatiel P Animalia Aves Psittacidae 0281 Alstraus scapularis Australian King-Parrot P Animalia Aves Psittacidae 0258 Glossopsitta concinna Musk Lorikeet P Animalia Aves Psittacidae 0260 Glossopsitta concinna Musk Lorikeet V,P Animalia Aves Psittacidae 0302 Animalia scape With Parrot E1,P,3 Animalia Aves Psittacidae 0302 Anime bias discolor Turquoise Parrot V,P,3 Animalia Aves Psittacidae 0282 Plotycercus elegans Crimon Rosella P Animalia Aves Psittacidae 0283 Plotycercus elegans Crimon Rosella P Animalia Aves Psittacidae 0295 Psephotus fuernatonotus Red-rumped Parrot P Animalia Aves Cuculidae 0342 Chocites basalis Horsfield's Bronze-Cuckoo P Animalia Aves Cuculidae 03	39	
Animalia Aves Psittacidae 0281 Alisterus scapularis Australian King-Parrot P Animalia Aves Psittacidae 0294 Barnardius zonarius Australian Ringneck P Animalia Aves Psittacidae 0258 Glossopsitta concinna Musk Lorikeet P Animalia Aves Psittacidae 0309 "Authamus discolar Swift Parrot E1,P,3 Animalia Aves Psittacidae 0302 "Meapherma bulchello Turquoise Parrot V,P,3 Animalia Aves Psittacidae 0282 Platycercus elegans Crimson Rosella P Animalia Aves Psittacidae 0288 Platycercus elegans Crimson Rosella P Animalia Aves Psittacidae 0295 Psephots hematonous Red-rumped Parrot P Animalia Aves Psittacidae 0392 Cacomantis flabelliformis Fan-tailed Cuckoo P Animalia Aves Cuculidae 0348 Scythreps novaehollandiae Channel-billed Cuckoo P Animalia Aves Ty	1	
AnimaliaAvesPsittacidae0294Barnardius zonoriusAustralian RingneckPAnimaliaAvesPsittacidae0258Glossopsitta concinanMusk LorikeetV.PAnimaliaAvesPsittacidae0260Glossopsitta concinanMusk LorikeetV.P.AnimaliaAvesPsittacidae0309"Authamus discola"Swift ParrotV.P.3AnimaliaAvesPsittacidae0302"Aveopherna pulchelloTurquoise ParrotV.P.3AnimaliaAvesPsittacidae0282Platycercus elegansCrimson RosellaPAnimaliaAvesPsittacidae0282Platycercus eximiusEastern RosellaPAnimaliaAvesPsittacidae0295Psephotus finematonotusRed-rumped ParrotPAnimaliaAvesPsittacidae0295Psephotus finematonotusRainbow LorikeetPAnimaliaAvesPsittacidae0338Cocomantis fibbelliformisFan-tailed CuckooPAnimaliaAvesCuculidae0342Chalcites bosalisHorsfield's Bronze-CuckooPAnimaliaAvesCuculidae0342Scythrops noveeholandiceChannel-billed CuckooPAnimaliaAvesStrigidae9922Ninox novaeselandiaeSaret Barn CollPAnimaliaAvesTytonidae9923Tyto javanicaBainbow Bee-eaterPAnimaliaAvesAlcedinidae0338CorronatisEastern Ban OvlP <td>6</td> <td></td>	6	
Animalia Aves Psittacidae 0258 Glossopsitta concinna Musk Lorikeet P Animalia Aves Psittacidae 0260 Glossopsitta pusila Little Lorikeet V,P Animalia Aves Psittacidae 0309 ^//Lathamus discolor Swift Parrot E1,P,3 Animalia Aves Psittacidae 0302 //Neophema hulchelia Turquoise Parrot E1,P,3 Animalia Aves Psittacidae 0282 Platycercus elegats Crimson Rosella P Animalia Aves Psittacidae 0288 Platycercus elegats Crimson Rosella P Animalia Aves Psittacidae 0288 Platycercus elegats Crimson Rosella P Animalia Aves Psittacidae 0295 Psephotus heematonotus Red-rumped Parrot P Animalia Aves Cuculidae 0333 Cacomatifs flabelliformis Fan-talled Cuckoo P Animalia Aves Cuculidae 0342 Chalcites basalis Horsfield's Bronze-Cuckoo P Animalia Aves Cuculidae 0344 Eudymanys orientalis Eastern Koel P Animalia Aves Strigidae 9923 <t< td=""><td>2</td><td></td></t<>	2	
AnimaliaAvesPsittacidae0260Glossopsitta pusillaLittle LorikeetV,PAnimaliaAvesPsittacidae0309^^Lathamus discolarSwift ParrotE1,P,3AnimaliaAvesPsittacidae0302^^NeophemoulchellinTurquoise ParrotV,P,3AnimaliaAvesPsittacidae0322MeophemoulchellinTurquoise ParrotV,P,3AnimaliaAvesPsittacidae0282Platycercus elegansCrimson RosellaPAnimaliaAvesPsittacidae0288Platycercus elegansUnidentified RosellaPAnimaliaAvesPsittacidae0739Platycercus eximusEastern RosellaPAnimaliaAvesPsittacidae0739Platycercus eximusRed-rumped ParrotPAnimaliaAvesPsittacidae0738Cacomatis fiabelliformisFan-tailed CuckooPAnimaliaAvesCuculidae0342Chalcites basalisHorsfield's Bronze-CuckooPAnimaliaAvesCuculidae0342Chalcites basalisHorsfield's Bronze-CuckooPAnimaliaAvesCuculidae0342Chalcites basalisHorsfield's Bronze-CuckooPAnimaliaAvesCuculidae0342Chalcites basalisHorsfield's Bronze-CuckooPAnimaliaAvesCuculidae0342Chalcites basalisHorsfield's Bronze-CuckooPAnimaliaAvesTypoidae0350Tyto javanicaEastern Roel	4	
AnimaliaAvesPsittacidae0309^^Lathamus discolarSwift ParrotE1,P,3AnimaliaAvesPsittacidae0322^/Neophema pulchéliaTurquoise ParrotV,P,3AnimaliaAvesPsittacidae0282Platycerus elegansCrimson RosellaPAnimaliaAvesPsittacidae0282Platycerus eximusEastern RosellaPAnimaliaAvesPsittacidae0295Psephotus negrotove sximusEastern RosellaPAnimaliaAvesPsittacidae0295Psephotus negrotoves sximusRed-rumped ParrotPAnimaliaAvesPsittacidae0326Chalcites basalisHorsfield's Bronze-CuckooPAnimaliaAvesCuculidae0342Chalcites basalisHorsfield's Bronze-CuckooPAnimaliaAvesCuculidae0342Scythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesCuculidae0342Scythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesStrigidae9923Tyto javanicaEastern RoelPAnimaliaAvesTytonidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesGoraciidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing	5	
AnimaliaAvesPsittacidae0302^^Neophema pulcheltaTurquoise ParrotV,P,3AnimaliaAvesPsittacidae0282Plotycercus elegonsCrimson RosellaPAnimaliaAvesPsittacidae0288Plotycercus elegonsCrimson RosellaPAnimaliaAvesPsittacidae0288Plotycercus sp.Unidentified RosellaPAnimaliaAvesPsittacidae0295Psephotus haematonotusRed-rumped ParrotPAnimaliaAvesPsittacidae0333Cacomantis flabelliformisFan-tailed CuckooPAnimaliaAvesCuculidae0342Crialites basalisHorsfield's Bronze-CuckooPAnimaliaAvesCuculidae0342Crialites basalisHorsfield's Bronze-CuckooPAnimaliaAvesCuculidae0343Scythrops novaehollandiaeChaneh-billed CuckooPAnimaliaAvesCuculidae0344Scythrops novaehollandiaeChaneh-billed CuckooPAnimaliaAvesStrigidae9922Ninox novaeseelandiaeSouthern BoobookPAnimaliaAvesStrigidae0326Cacinaphus sanctusSacren Ram OwlV,P,3AnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0326Todiramphus sanctusSacred KingfisherPAnimaliaAvesClaractridae0358Cornobates leucophaeaWhi	CE 4	2
AnimaliaAvesPsittacidae0282Platycercus elegansCrimson RosellaPAnimaliaAvesPsittacidae0288Platycercus eximiusEastern RosellaPAnimaliaAvesPsittacidae0739Platycercus sp.Unidentified RosellaPAnimaliaAvesPsittacidae0295Psephotus neanatonotusRed-rumped ParrotPAnimaliaAvesPsittacidae0937Trichoglossus haematonotusRainbow LorikeetPAnimaliaAvesCuculidae0342Chalcites bosalisHorsfield's Bronze-CuckooPAnimaliaAvesCuculidae0347Eudynamys orientalisEastern KoelPAnimaliaAvesCuculidae0348Scythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesCuculidae0348Scythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesStrigidae9922Ninox novaeseelandiaeSouthern BoobookPAnimaliaAvesTytonidae0325Tyto javanicaEastern Barn OwlPAnimaliaAvesAlcedinidae0322Dacle novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0328Todiramphus sanctusSacred KinglisherPAnimaliaAvesCoracidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesClimacteridae0558Cormobates leucophaeaWhite-throated Treecreeper <td>4</td> <td></td>	4	
AnimaliaAvesPsittacidae0288Platycercus eximitusEastern RosellaPAnimaliaAvesPsittacidaeT039Platycercus sp.Unidentified RosellaPAnimaliaAvesPsittacidae0295Psephotus InternatonotusRed-rumped ParrotPAnimaliaAvesPsittacidae0295Psephotus InternatonotusRed-rumped ParrotPAnimaliaAvesPsittacidae0348Cacomonis flabelliformisFan-tailed CuckooPAnimaliaAvesCuculidae0342Chaicites basalisHorsfield's Bronze-CuckooPAnimaliaAvesCuculidae0347Eudynamys orientalisEastern KoelPAnimaliaAvesCuculidae0347Eudynamys orientalisEastern BoobookPAnimaliaAvesCuculidae0347Stythrops novaehollandiaeSouthern BoobookPAnimaliaAvesTytonidae9923Tyto novaecelandiaeSouthern BoobookPAnimaliaAvesTytonidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesCicnidae0329Merops ornatusSacred KingfisherPAnimaliaAvesCicnidae0329Merops ornatusBrown Treecreeper (easternV,PAnimaliaAvesCimacteridae0329Merops ornatusBrown Treecreeper (eastern <td< td=""><td>1</td><td></td></td<>	1	
AnimaliaAvesPsittacidaeT039Platycercus sp.Unidentified RosellaPAnimaliaAvesPsittacidae0255Psephotus haematonotusRed-rumped ParrotPAnimaliaAvesPsittacidae0247Trichoglossus haematodusRainbow LorikeetPAnimaliaAvesCuculidae0338Cacomantis flabelliformisFan-tailed CuckooPAnimaliaAvesCuculidae0347Eudynamys orientalisEastern KoelPAnimaliaAvesCuculidae0348Scythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesCuculidae0348Scythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesCuculidae0348Scythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesStrigidae9922Ninox novaeseelandiaeSouthern BoobookPAnimaliaAvesTytonidae0923Tyto novaehollandiaeMasked OwlV,P,3AnimaliaAvesTytonidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0326Todiramphus sanctusSacred KingfisherPAnimaliaAvesCimacteridae0318Eurystomus orientalisDolarbirdPAnimaliaAvesCimacteridae0328Comobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesCimacteridae0329Meloropates leucophaeaWh	15	
AnimaliaAvesPsittacidae0295Psephotus hoematonotusRed-rumped ParrotPAnimaliaAvesPsittacidae9947Trichoglossus hoematodusRainbow LorikeetPAnimaliaAvesCuculidae0338Cacomontis flabelliformisFan-tailed CuckooPAnimaliaAvesCuculidae0342Choicites basalisHorsfield's Bronze-CuckooPAnimaliaAvesCuculidae0347Eudynamys orientalisEastern KoelPAnimaliaAvesCuculidae0348scythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesStrigidae9922Ninox novaeseelandiaeSouthern BoobookPAnimaliaAvesTytonidae9923Tyto javanicaEastern Barn OwlV,P,3AnimaliaAvesTytonidae0322Dacel novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0322Dacel novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0326Todiramphus sanctusSacred KingfisherPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesClimacteridae8127Climacteris picumnus victoriaesubspecies)Nhite-throated TreecreeperPAnimaliaAvesMaluridae0536Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0536Malurus cyaneus	5	
AnimaliaAvesPsittacidae9947Trichoglossus haematodusRainbow LorikeetPAnimaliaAvesCuculidae0338Cacomontis flabelliformisFan-tailed CuckooPAnimaliaAvesCuculidae0347Eudynamys orientalisEastern KoelPAnimaliaAvesCuculidae0348Scythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesCuculidae0348Scythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesCuculidae0348Scythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesCuculidae0322Ninox novaeseelandiaeSouthern BoobookPAnimaliaAvesTytonidae9923Tyto javanicaEastern Barn OwlPAnimaliaAvesTytonidae0320A^Tyto novaehollandiaeMasked OwlV,P,3AnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0326Todiramphus sanctusSacred KingfisherPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesClimacteridae8127Climacteris picumnus victoriaeSubspecies)TreecreeperPAnimaliaAvesMaluridae0536Malurus leucopterusWhite-throated TreecreeperPAnimaliaAvesMaluridae0536Malurus leucopter	9	
AnimaliaAvesCuculidae0338Cacomantis flabelliformisFan-tailed CuckooPAnimaliaAvesCuculidae0342Chalcites basalisHorsfield's Bronze-CuckooPAnimaliaAvesCuculidae0347Eudynamys orientalisEastern KoelPAnimaliaAvesCuculidae0348Seythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesStrigidae9922Ninox novaeseelandiaeSouthern BoobookPAnimaliaAvesTytonidae9923Tyto javanicaEastern Barn OwlPAnimaliaAvesTytonidae0320^ArTyto novaehollandiaeMasked OwlV,P,3AnimaliaAvesTytonidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0323Merops ornatusRainbow Bee-eaterPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesClimacteridae0558Cormobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesMaluridae0536Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0536Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0536Malurus cyaneusSuperb Fairy-wrenPAnima	6	
AnimaliaAvesCuculidae0342Chalcites basalisHorsfield's Bronze-CuckooPAnimaliaAvesCuculidae0347Eudynamys orientalisEastern KoelPAnimaliaAvesCuculidae0348Scythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesStrigidae9922Ninox novaeseelandiaeSouthern BoobookPAnimaliaAvesTytonidae9923Tyto javanicaEastern Barn OwlPAnimaliaAvesTytonidae0250^^Tyto novaehollandiaeMasked OwlV,P,3AnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0328Todiramphus sanctusSacred KingfisherPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesClimacteridae8127Climacteris picumnus victoriaesubspecies)NAnimaliaAvesMaluridae0529Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0536Malurus leucopterusWhite-throated TreecreeperPAnimaliaAvesMaluridae0536Malurus leucopterusWhite-throated TreecreeperPAnimaliaAvesMaluridae0536Malurus leucopterusWhite-winged Fairy-wrenP<		
AnimaliaAvesCuculidae0347Eudynamys orientalisEastern KoelPAnimaliaAvesCuculidae0348Scythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesStrigidae9922Ninox novaeseelandiaeSouthern BoobookPAnimaliaAvesTytonidae9923Tyto javanicaEastern Barn OwlPAnimaliaAvesTytonidae0250^ATyto novaehollandiaeMasked OwlV,P,3AnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0326Todiramphus sanctusSacred KingfisherPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesClimacteridae8127Climacteris picumnus victoriaeBrown Treecreeper (eastern victoriaeV,PAnimaliaAvesMaluridae0536Cormobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesMaluridae0535Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0535Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0535Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0535Malurus cyaneusSuperb Fairy-wrenP<	1	
AnimaliaAvesCuculidae0348Scythrops novaehollandiaeChannel-billed CuckooPAnimaliaAvesStrigidae9922Ninox novaeseelandiaeSouthern BoobookPAnimaliaAvesTytonidae9923Tyto javanicaEastern Barn OwlPAnimaliaAvesTytonidae0250^A^Tyto novaehollandiaeMasked OwlV,P,3AnimaliaAvesTytonidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0326Todiramphus sanctusSacred KingfisherPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesClimacteridae8127Climacteris picumnus victoriaeBrown Treecreeper (eastern subspecies)V,PAnimaliaAvesClimacteridae0536Cormobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesMaluridae0529Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0476Acanthiza nanaYellow ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza nana<	1	
AnimaliaAvesStrigidae9922Ninox novaeseelandiaeSouthern BoobookPAnimaliaAvesTytonidae9923Tyto javanicaEastern Barn OwlPAnimaliaAvesTytonidae0250^^Tyto novaehollandiaeMasked OwlV,P,3AnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0326Todiramphus sanctusSacred KingfisherPAnimaliaAvesMeropidae0329Merops ornatusRainbow Bee-eaterPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesClimacteridae8127Climacteris picumnus victoriaesubspecies)v.P,AnimaliaAvesClimacteridae0558Cormobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesMaluridae0556Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0476Acanthiza chrysorrhoaYellow-rumped ThornbillPAnimaliaAvesAcanthizidae0476Acanthiza lineataStriated Thornbill<	1	
AnimaliaAvesTytonidae9923Tyto javanicaEastern Barn OwlPAnimaliaAvesTytonidae0250^^Tyto novaehollandiaeMasked OwlV,P,3AnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0326Todiramphus sanctusSacred KingfisherPAnimaliaAvesMeropidae0329Merops ornatusRainbow Bee-eaterPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesClimacteridae8127Climacteris picumnus victoriaeBrown Treecreeper (eastern subspecies)V,PAnimaliaAvesClimacteridae0558Cormobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesMaluridae0529Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0486Acanthiza chrysorrhoaYellow-rumped ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza nanaYellow ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nana <td< td=""><td>2</td><td></td></td<>	2	
AnimaliaAvesTytonidae9923Tyto javanicaEastern Barn OwlPAnimaliaAvesTytonidae0250^^Tyto novaehollandiaeMasked OwlV,P,3AnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0326Todiramphus sanctusSacred KingfisherPAnimaliaAvesMeropidae0329Merops ornatusRainbow Bee-eaterPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesClimacteridae8127Climacteris picumnus victoriaeBrown Treecreeper (eastern subspecies)V,PAnimaliaAvesClimacteridae0558Cormobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesMaluridae0529Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0486Acanthiza chrysorrhoaYellow-rumped ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza nanaYellow ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nana <td< td=""><td>G</td><td></td></td<>	G	
AnimaliaAvesTytonidae0250^ATyto novaehollandiaeMasked OwlV,P,3AnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0326Todiramphus sanctusSacred KingfisherPAnimaliaAvesAlcedinidae0329Merops ornatusRainbow Bee-eaterPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesCoraciidae0318Eurystomus orientalisBrown Treecreeper (eastern subspecies)V,PAnimaliaAvesClimacteridae0558Cormobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesMaluridae0529Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0486Acanthiza lineataYellow -rumped ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza lineataYellow ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nanaYellow ThornbillP	6 2	
AnimaliaAvesAlcedinidae0322Dacelo novaeguineaeLaughing KookaburraPAnimaliaAvesAlcedinidae0326Todiramphus sanctusSacred KingfisherPAnimaliaAvesMeropidae0329Merops ornatusRainbow Bee-eaterPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesClimacteridae8127Climacteris picumnus victoriaeBrown Treecreeper (eastern subspecies)V,PAnimaliaAvesClimacteridae0558Cormobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesMaluridae0529Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0535Malurus lambertiVariegated Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0486Acanthiza chrysorrhoaYellow-rumped ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza lineataStriated ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nanaYellow ThornbillP		
AnimaliaAvesAlcedinidae0326Todiramphus sanctusSacred KingfisherPAnimaliaAvesMeropidae0329Merops ornatusRainbow Bee-eaterPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesClimacteridae8127Climacteris picumnus victoriaeBrown Treecreeper (eastern subspecies)V,PAnimaliaAvesClimacteridae0558Cormobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesMaluridae0529Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0536Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0486Acanthiza lineataStriated ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza lineataStriated ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nanaYellow ThornbillP	1	1
AnimaliaAvesMeropidae0329Merops ornatusRainbow Bee-eaterPAnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesClimacteridae8127Climacteris picumnus victoriaeBrown Treecreeper (eastern subspecies)V,PAnimaliaAvesClimacteridae0558Cornobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesMaluridae0529Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0536Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0486Acanthiza chrysorrhoaYellow-rumped ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza lineataStriated ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nanaYellow ThornbillP	5	
AnimaliaAvesCoraciidae0318Eurystomus orientalisDollarbirdPAnimaliaAvesClimacteridae8127Climacteris picumnus victoriaeBrown Treecreeper (eastern subspecies)V,PAnimaliaAvesClimacteridae0558Cormobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesMaluridae0529Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0536Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0486Acanthiza chrysorrhoaYellow-rumped ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza lineataStriated ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nanaYellow ThornbillP	1	
AnimaliaAvesClimacteridae8127Climacteris picumnus victoriaeBrown Treecreeper (eastern subspecies)V,PAnimaliaAvesClimacteridae0558Cormobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesMaluridae0529Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0536Malurus lambertiVariegated Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0486Acanthiza chrysorrhoaYellow-rumped ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza lineataStriated ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nanaYellow ThornbillP		
NimaliaAvesClimacteridae0558Cormobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesMaluridae0529Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0536Malurus lambertiVariegated Fairy-wrenPAnimaliaAvesMaluridae0535Malurus lambertiVariegated Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0486Acanthiza chrysorrhoaYellow-rumped ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza lineataStriated ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nanaYellow ThornbillP	2	
AnimaliaAvesClimacteridae0558Cormobates leucophaeaWhite-throated TreecreeperPAnimaliaAvesMaluridae0529Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0536Malurus lambertiVariegated Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0486Acanthiza chrysorrhoaYellow-rumped ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza lineataStriated ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nanaYellow ThornbillP	3	1
AnimaliaAvesMaluridae0529Malurus cyaneusSuperb Fairy-wrenPAnimaliaAvesMaluridae0536Malurus lambertiVariegated Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0486Acanthiza chrysorrhoaYellow-rumped ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza lineataStriated ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nanaYellow ThornbillP	3	
AnimaliaAvesMaluridae0536Malurus lambertiVariegated Fairy-wrenPAnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0486Acanthiza chrysorrhoaYellow-rumped ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza lineataStriated ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nanaYellow ThornbillP	7	
AnimaliaAvesMaluridae0535Malurus leucopterusWhite-winged Fairy-wrenPAnimaliaAvesAcanthizidae0476Acanthiza apicalisInland ThornbillPAnimaliaAvesAcanthizidae0486Acanthiza chrysorrhoaYellow-rumped ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza lineataStriated ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nanaYellow ThornbillP	3	
AnimaliaAvesAcanthizidae0476Acanthiza aricalisInland ThornbillPAnimaliaAvesAcanthizidae0486Acanthiza chrysorrhoaYellow-rumped ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza lineataStriated ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nanaYellow ThornbillP	1	
AnimaliaAvesAcanthizidae0486Acanthiza chrysorrhoaYellow-rumped ThornbillPAnimaliaAvesAcanthizidae0470Acanthiza lineataStriated ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nanaYellow ThornbillP	1	
AnimaliaAvesAcanthizidae0470Acanthiza lineataStriated ThornbillPAnimaliaAvesAcanthizidae0471Acanthiza nanaYellow ThornbillP	7	
Animalia Aves Acanthizidae 0471 Acanthiza nana Yellow Thornbill P	2	
	4	
Animalia Aves Acanthizidae 0475 Acanthiza pusilla Brown Thornbill P	2	
Animalia Aves Acanthizidae 0484 Acanthiza reguloides Buff-rumped Thornbill P	1	
Animalia Aves Acanthizidae 0404 Acanthiza regulatas But rulinea monitori Animalia Aves Acanthizidae 0481 Acanthiza uropygialis Chestnut-rumped Thornbill P	2	
Animalia Aves Acanthizidae 0501 Acanthizidae Oso1 Acanthizidae Acanthizidae	8	
Animalia Aves Acanthizidae 0463 Gerygone fusca Western Gerygone P	2	
	5	
Animalia Aves Acanthizidae 0465 Smicrornis brevirostrije 75 of 83 Weebill P	5	

			05.65					2
Animalia	Aves	Pardalotidae	0565	Pardalotus punctatus	Spotted Pardalote	Р		2
Animalia	Aves	Pardalotidae	0976	Pardalotus striatus	Striated Pardalote	Р		5
Animalia	Aves	Meliphagidae	0640	Acanthagenys rufogularis	Spiny-cheeked Honeyeater	P		8
Animalia	Aves	Meliphagidae	0638	Anthochaera carunculata	Red Wattlebird	Р		1
Animalia	Aves	Meliphagidae	T210	Anthochaera sp.	Unidentified Wattlebird	Р		1
Animalia	Aves	Meliphagidae	0614	Caligavis chrysops	Yellow-faced Honeyeater	Р		1
Animalia	Aves	Meliphagidae	0598	Grantiella picta	Painted Honeyeater	V,P	V	1
Animalia	Aves	Meliphagidae	0635	Manorina flavigula	Yellow-throated Miner	Р		1
Animalia	Aves	Meliphagidae	0634	Manorina melanocephala	Noisy Miner	Р		8
Animalia	Aves	Meliphagidae	0583	Melithreptus brevirostris	Brown-headed Honeyeater	Р		1
Animalia	Aves	Meliphagidae	0617	Nesoptilotis leucotis	White-eared Honeyeater	Р		2
Animalia	Aves	Meliphagidae	0646	Philemon citreogularis	Little Friarbird	Р		5
Animalia	Aves	Meliphagidae	0645	Philemon corniculatus	Noisy Friarbird	Р		7
Animalia	Aves	Meliphagidae	0585	Plectorhyncha lanceolata	Striped Honeyeater	P		4
Animalia	Aves	Meliphagidae	0613	Ptilotula fusca	Fuscous Honeyeater	P		2
				-	•			
Animalia	Aves	Meliphagidae	0625	Ptilotula penicillata	White-plumed Honeyeater	P		6
Animalia	Aves	Neosittidae	0549	Daphoenositta chrysoptera	Varied Sittella	V,P	•	1
Animalia	Aves	Campephagidae	0424	Coracina novaehollandiae	Black-faced Cuckoo-shrike	Р		10
Animalia	Aves	Campephagidae	0430	Lalage sueurii	White-winged Triller	Р		3
Animalia	Aves	Pachycephalidae	0408	Colluricincla harmonica	Grey Shrike-thrush	Р		5
Animalia	Aves	Pachycephalidae	0401	Pachycephala rufiventris	Rufous Whistler	Р		7
Animalia	Aves	Artamidae	8519	Artamus cyanopterus cyanopterus	Dusky Woodswallow	V,P		4
Animalia	Aves	Artamidae	0700	Cracticus nigrogularis	Pied Butcherbird	Р		5
Animalia	Aves	Artamidae	T022	Cracticus sp.	Unidentified Butcherbird	Р		2
Animalia	Aves	Artamidae	0702	Cracticus torquatus	Grey Butcherbird	Р		5
Animalia	Aves	Artamidae	0705	Gymnorhina tibicen	Australian Magpie	Р		35
Animalia	Aves	Artamidae	0694	Strepera graculina	Pied Currawong	P		10
Animalia	Aves	Rhipiduridae	0361	Rhipidura albiscapa	Grey Fantail	P		4
Animalia			0364	· · · ·		P		4 11
	Aves	Rhipiduridae		Rhipidura leucophrys	Willie Wagtail			
Animalia	Aves	Corvidae	0691	Corvus bennetti	Little Crow	Р		1
Animalia	Aves	Corvidae	0930	Corvus coronoides	Australian Raven	Р		8
Animalia	Aves	Corvidae	9902	Corvus orru	Torresian Crow	Р		2
Animalia	Aves	Monarchidae	0415	Grallina cyanoleuca	Magpie-lark	Р		11
Animalia	Aves	Monarchidae	9955	Myiagra inquieta	Restless Flycatcher	Р		2
Animalia	Aves	Corcoracidae	0693	Corcorax melanorhamphos	White-winged Chough	Р		3
Animalia	Aves	Corcoracidae	0675	Struthidea cinerea	Apostlebird	Р		1
Animalia	Aves	Petroicidae	0392	Eopsaltria australis	Eastern Yellow Robin	Р		5
Animalia	Aves	Petroicidae	0377	Microeca fascinans	Jacky Winter	Р		3
Animalia	Aves	Petroicidae	0381	Petroica goodenovii	Red-capped Robin	P		1
				Cisticola exilis	Golden-headed Cisticola	P		
Animalia	Aves	Cisticolidae	0525					1
Animalia	Aves	Hirundinidae	0358	Cheramoeca leucosterna	White-backed Swallow	P		2
Animalia	Aves	Hirundinidae	0357	Hirundo neoxena	Welcome Swallow	Р		5
Animalia	Aves	Hirundinidae	0360	Petrochelidon ariel	Fairy Martin	Р		2
Animalia	Aves	Turdidae	0991	Turdus merula	* Eurasian Blackbird			1
Animalia	Aves	Sturnidae	0998	Acridotheres tristis	* Common Myna			1
Animalia	Aves	Sturnidae	0999	Sturnus vulgaris	* Common Starling			13
Animalia	Aves	<mark>Zo</mark> steropidae	0574	Zosterops lateralis	Silvereye	Р		7
Animalia	Aves	Dicaeidae	0564	Dicaeum hirundinaceum	Mistletoebird	Р		5
Animalia	Aves	Estrildidae	0655	Stizoptera bichenovii	Double-barred Finch	Р		9
Animalia	Aves	Estrildidae	0653	Taeniopygia guttata	Zebra Finch	Р		1
Animalia	Aves	Passeridae	0995	Passer domesticus	* House Sparrow			3
Animalia	Aves	Motacillidae	0647	Anthus novaeseelandiae	Australian Pipit	Р		5
Animalia	Mammalia	Ornithorhynchidae	1001	Ornithorhynchus anatinus	Platypus	P		5
Animalia	Mammalia	Tachyglossidae	1003	Tachyglossus aculeatus	Short-beaked Echidna	Р		67
Animalia	Mammalia	Dasyuridae	T093	Antechinus sp.	Unidentified Antechinus	P		1
Animalia	Mammalia	Dasyuridae	1008	Dasyurus maculatus	Spotted-tailed Quoll	V,P	E	5
Animalia	Mammalia	Phascolarctidae	1162	Phascolarctos cinereus	Koala	V,P	V	337
Animalia	Mammalia	Vombatidae	1165	Vombatus ursinus	Bare-nosed Wombat	Р		4
Animalia	Mammalia	Petauridae	1138	Petaurus breviceps	Sugar Glider	P		2
Animalia	Mammalia	Petauridae	1137	Petaurus norfolcensis	Squirrel Glider	V,P		1
Annalid	wannidid	relation	1157	-		v,r		-
				Dogo 76				

Animalia Animalia Animalia Animalia Animalia	Mammalia Mammalia Mammalia Mammalia	Phalangeridae Phalangeridae	T082	Trichosurus sp.		brushtail possum	Р		10	
Animalia Animalia Animalia	Mammalia	•							46	
Animalia		0	1113	Trichosurus vulpecula		Common Brushtail Possum	Р		23	
	Mammalia	Macropodidae	1265	Macropus giganteus		Eastern Grey Kangaroo	Р		35	
		Macropodidae	T085	Macropus sp.		kangaroo / wallaby	Р		70	
, unindia	Mammalia	Macropodidae	1261	Notamacropus rufogriseus		Red-necked Wallaby	Р		1	
Animalia	Mammalia	Macropodidae	1266	Osphranter robustus		Common Wallaroo	Р		6	
Animalia	Mammalia	Macropodidae	1242	Wallabia bicolor		Swamp Wallaby	Р		1	
Animalia	Mammalia	Pteropodidae	1280	Pteropus poliocephalus		Grey-headed Flying-fox	V,P	V	4	1
Animalia	Mammalia	Pteropodidae	1281	Pteropus scapulatus		Little Red Flying-fox	Р		2	_
Animalia	Mammalia	Pteropodidae	T087	Pteropus sp.		Flying-fox	Р	4	6	
Animalia	Mammalia	Emballonuridae	1321	Saccolaimus flaviventris		Yellow-bellied Sheathtail-bat	V <i>,</i> P		3	i
Animalia	Mammalia	Molossidae	1324	Austronomus australis		White-striped Freetail-bat	Р		2	
Animalia	Mammalia	Molossidae	T454	Molossidae sp.		unidentified mastiff bat	Р		1	
Animalia	Mammalia	Molossidae	1946	Ozimops petersi			Р		1	
Animalia	Mammalia	Molossidae	1940	Ozimops planiceps		South-eastern Free-tailed Bat			3	
Animalia	Mammalia	Molossidae	1938	Ozimops ridei		Eastern Free-tailed Bat	Р		2	
Animalia	Mammalia	Vespertilionidae	1349	Chalinolobus gouldii		Gould's Wattled Bat	Р		6	
Animalia	Mammalia	Vespertilionidae	1351	Chalinolobus morio		Chocolate Wattled Bat	Р		4	
Animalia	Mammalia	Vespertilionidae	1354	Chalinolobus nigrogriseus		Hoary Wattled Bat	V,P		1	1
Animalia	Mammalia	Vespertilionidae	T315	Nyctophilus corbeni		Corben's Long-eared Bat	V,P	V	1	i
Animalia	Mammalia	Vespertilionidae	1335	Nyctophilus geoffroyi		Lesser Long-eared Bat	Р		2	
Animalia	Mammalia	Vespertilionidae	1334	Nyctophilus gouldi		Gould's Long-eared Bat	Р		1	
Animalia	Mammalia	Vespertilionidae	1364	Scotorepens balstoni		Inland Broad-nosed Bat	Р		3	
Animalia	Mammalia	Vespertilionidae	1365	Scotorepens orion		Eastern Broad-nosed Bat	Ρ		2	
Animalia	Mammalia	Vespertilionidae	1022	Vespadelus darlingtoni		Large Forest Bat	Ρ		3	
Animalia	Mammalia	Vespertilionidae	1025	Vespadelus troughtoni		Eastern Cave Bat	V <i>,</i> P		29	i
Animalia	Mammalia	Vespertilionidae	1379	Vespadelus vulturnus		Little Forest Bat	Р		2	
Animalia	Mammalia	Muridae	1412	Mus musculus	*	House Mouse			2	
Animalia	Mammalia	Muridae	1395	Rattus fuscipes		Bush Rat	Р		1	
Animalia	Mammalia	Muridae	1408	Rattus rattus	*	Black Rat			1	
Animalia	Mammalia	Canidae	1531	Canis lupus	*	Dingo, domestic dog			6	
Animalia	Mammalia	Canidae	1532	Vu <mark>lp</mark> es vulpes	*	Fox			62	
Animalia	Mammalia	Felidae	1536	Felis catus	*	Cat			4	
Animalia	Mammalia	Leporidae	1929	Lepus capensis occidentalis			Р		4	
Animalia	Mammalia	Leporidae	1510	Oryctolagus cuniculus	*	Rabbit			6	
Animalia	Mammalia	Equidae	1512	Equus caballus	*	Horse			1	
Animalia	Mammalia	Bovidae	1518	Bos taurus	*	European cattle			4	
Animalia	Mammalia	Bovidae	1521	Capra hircus	*	Goat			1	
Animalia	Mammalia	Cervidae	9112	Cervus sp.	*	Unidentified Deer			5	
Animalia	Unknown	Unknown Fauna	T202	Microchiroptera suborder		Unidentified Microbat			5	

MAP 1 & 2:

GUNNEDAH LOCAL ENVIRONMENTAL PLAN, 2012 - LAND ZONING MAPS LNZ_005A

EXISTING LAND ZONING MAP LNZ_005A PROPOSED REZONING TO R5 LARGE LOT RESIDENTIAL MAP LZN_005 GUNNEDAH LOCAL GOVERMENT AREA

DATE: 18 OCTOBER 2023

PREPARED FOR: Gerard & Kate Mainey

PREPARED BY: Stewart Surveys Pty Ltd 107-109 Conadilly Street, PO Box 592 GUNNEDAH NSW 2380 office@stewartsurveys.com

Page 78 of 83





MAP 3 & 4:

GUNNEDAH LOCAL ENVIRONMENTAL PLAN, 2012 - LOT SIZE MAPS LSZ_005A

EXISTING LOT SIZE MAP LSZ_005A PROPOSED REZONING TO 9000 SQUARE METERS MINIMUM LOT SIZE MAP LSZ005 GUNNEDAH LOCAL GOVERMENT AREA

DATE: 18 OCTOBER 2023

PREPARED FOR: Gerard & Kate Mainey

PREPARED BY: Stewart Surveys Pty Ltd 107-109 Conadilly Street, PO Box 592 GUNNEDAH NSW 2380 office@stewartsurveys.com

Page 81 of 83







