

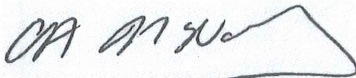
**Site Verification Certificate
Narrabri Gas Project**

Part 4AA, Division 3 of State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007

Pursuant to clause 17C(1) of State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007, I determine the application made by Santos by issuing this certificate.

I certify that in my opinion, having regard to the criteria in the *Interim Protocol for site verification and mapping of biophysical strategic agricultural land*, the land specified in Schedule 1 forming the project area of the Narrabri Gas Project is not Biophysical Strategic Agricultural Land.

The reasons for forming the opinion on each of the relevant criteria are contained in Schedule 2.

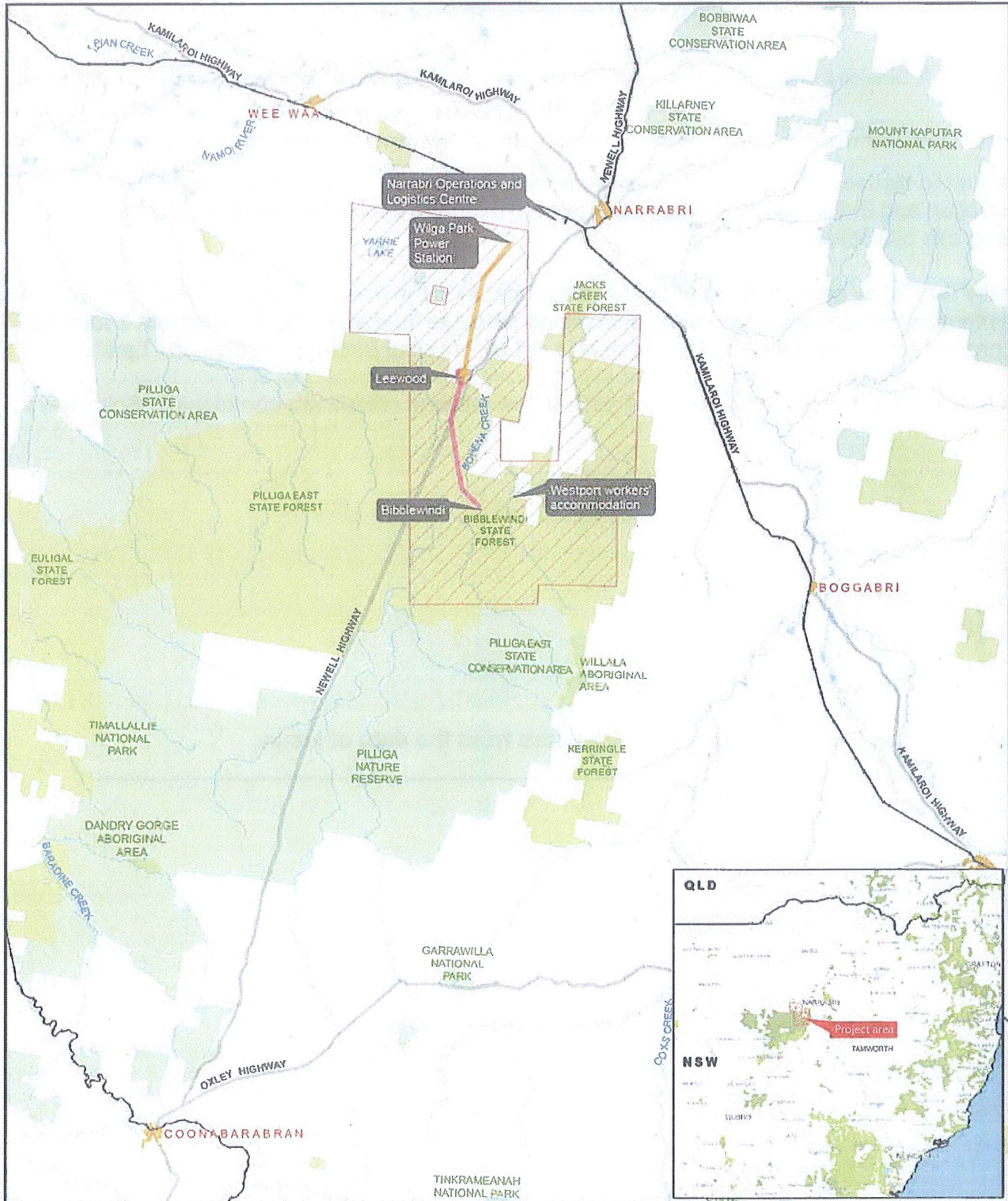


Carolyn McNally
Secretary

Date certificate issued: 1.12.15

This certificate will remain current for 5 years from the date of issue.

SCHEDULE 1



- LEGEND**
- Project area
 - Leewood
 - Urban Areas
 - State forest
 - Parks and reserves
 - Aboriginal areas
 - Lakes and dams
 - Watercourses
 - Highways
 - Major Roads
 - Train line
 - Leewood to Wilga Park infrastructure corridor
 - Bibblewindi to Leewood infrastructure corridor

0 5 10 20
Kilometers
Map Projection Transverse Mercator
Horizontal Datum GDA 1994
Grid GDA 1994 MGA Zone 55

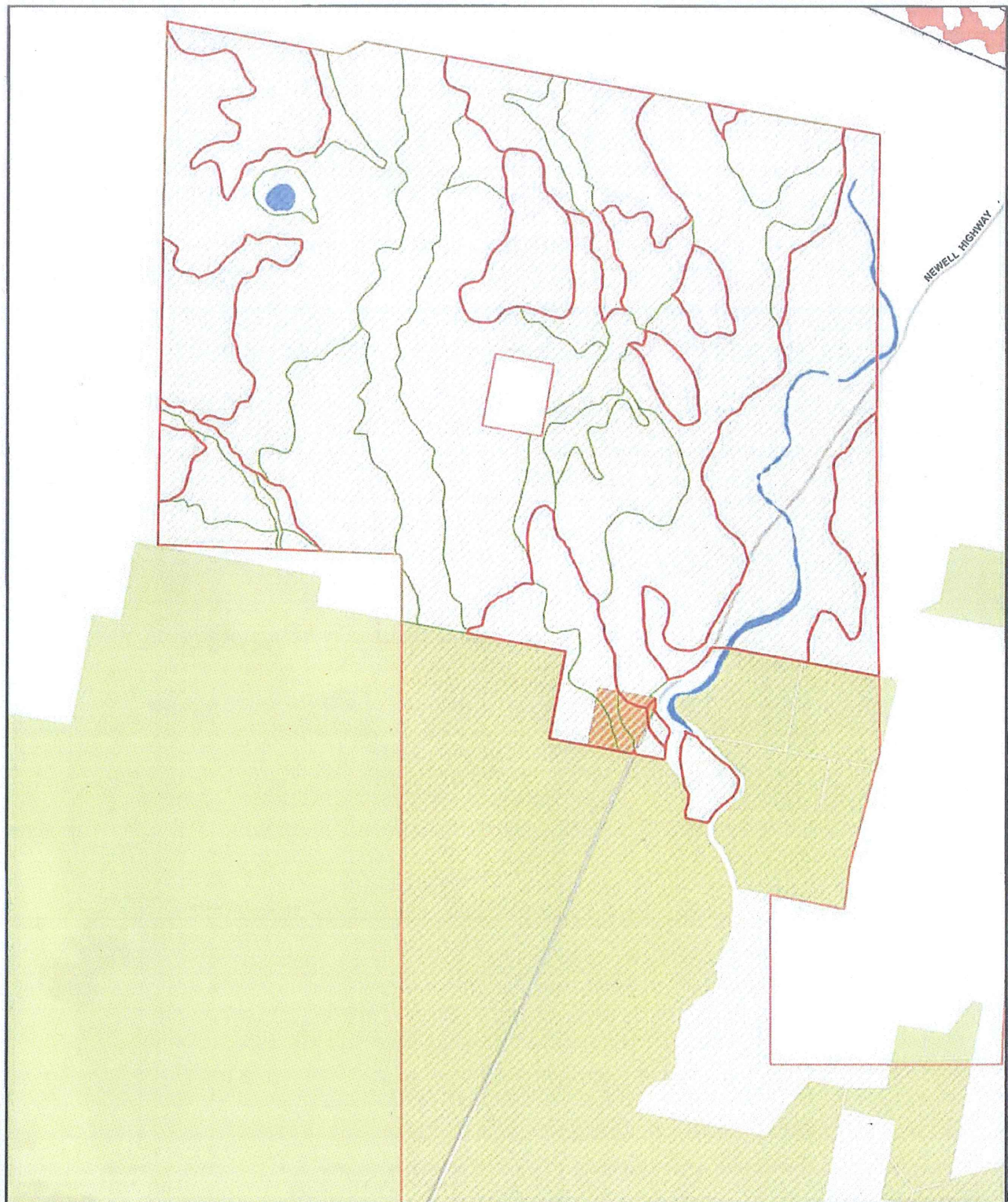


Narrabri Gas Project
Site Verification of Biophysical Strategic
Agricultural Land

Regional context
and location of key infrastructure

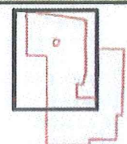
Job Number 21-22463
Revision A
Date 12 Mar 2015

Figure 1-1



LEGEND

Project area	BSAL (Department of Planning and Infrastructure 2012)	Soil units that failed BSAL verification
Leewood	Soil units	Soil variants
Bibbiewindi		
State forest		
Lakes and dams		



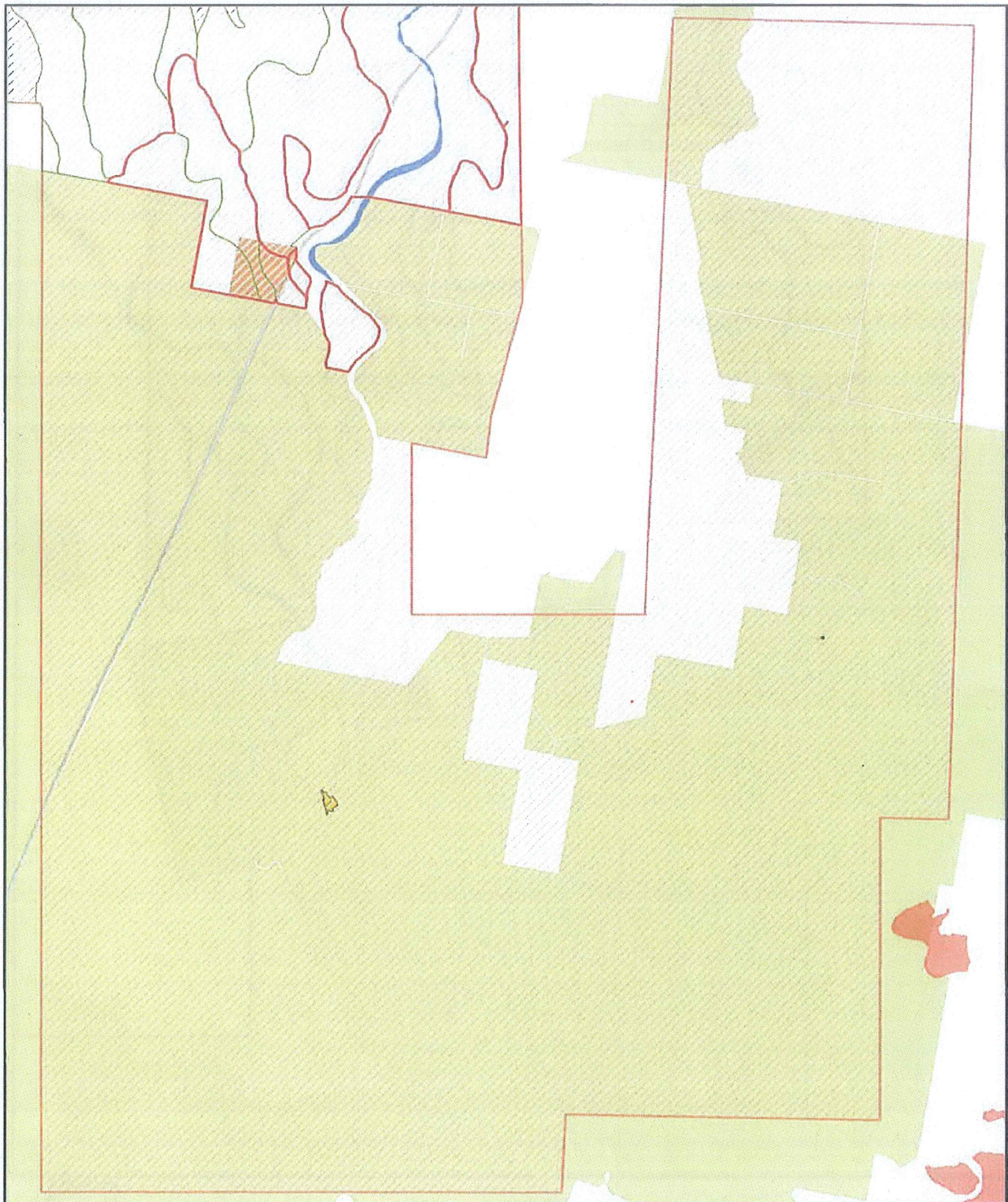
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Kilometers
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Narrabri Gas Project
Site Verification of Biophysical Strategic
Agricultural Land

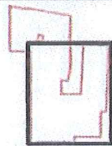
Job Number 21-22463
Revision A
Date 02 Jun 2015

BSAL assessment for the project area **Figure 5-1**



LEGEND

Project area	Leewood	Bibblewindi	State forest	Lakes and dams	BSAL (Department of Planning and Infrastructure 2012)	Soil units that failed BSAL verification	Soil units	Soil variants
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0 1 2 4
Kilometers
Map Projection Transverse Mercator
Horizontal Datum, GDA 1994
Grid GDA 1994 MGA Zone 55



Narrabri Gas Project
Site Verification of Biophysical Strategic
Agricultural Land

Job Number 21-22463
Revision A
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BSAL assessment for the project area

Figure 5-1

SCHEDULE 2

Relevant criteria	Consideration
Soil type	• Soil testing undertaken in accordance with the <i>Interim Protocol for site verification and mapping of biophysical strategic agricultural land</i> has confirmed that the site does not contain any BSAL. • The range of soil types did not meet the relevant BSAL verification criteria due to one or more of a combination of low fertility, poor drainage, soil pH, soil salinity and restrictive chemical conditions at rooting depth (high salinity or sodicity). • The applicant's soil and land data is consistent with the Office and Environment and Heritage soil survey knowledge and existing soil and landscape data of the general area.

