



# Addendum Aboriginal cultural heritage assessment report

NARROMINE TO NARRABRI PROJECT

ARTC

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## COVER IMAGE

Existing Walgett rail branch.

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Inland Rail acknowledges the  
Traditional Custodians of the  
land on which we work, and pay  
our respect to their Elders past,  
present and emerging.

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## **ARTC Inland Rail**

### **Narromine to Narrabri (N2N)**

#### Addendum Aboriginal Cultural Heritage Assessment Report

Revision D

2-0001-250-EAP-00-RP-0412

## Glossary and abbreviations

| Acronym/term                       | Definition   |
|------------------------------------|--|
| Aboriginal cultural heritage       | The material (objects) and intangible (mythological places, dreaming stories etc) traditions and practices associated with past and present-day Aboriginal communities.  |
| ACHAR                              | Aboriginal Cultural Heritage Assessment Report<br><br>A report combining an Aboriginal archaeological assessment and Aboriginal cultural assessment, required to be submitted to Heritage NSW for any Part 6 <i>National Parks and Wildlife Act 1974</i> approval or prepared for projects under Part 5.1 (now Division 5.2) of the <i>Environmental Planning and Assessment Act 1979</i> where Aboriginal cultural heritage is identified as a key issue. |
| Aboriginal object                  | Defined by the NSW <i>National Parks and Wildlife Act 1974</i> as ‘any deposit, object or material evidence (not being a handicraft made for sale) relating to the Aboriginal habitation of the area that comprises New South Wales, being habitation before or concurrent with (or both) the occupation of that area by persons of non-Aboriginal extraction, and includes Aboriginal remains’.   |
| Aboriginal heritage site           | A place where physical remains or modification of the natural environment indicate past and ‘traditional’ activities by Aboriginal people. Site types include artefact scatters, isolated artefacts, burials, shell middens, scarred trees, quarries and contact sites. Includes sites listed on the AHIMS and may include Aboriginal objects.   |
| Aboriginal place                   | Declared by the NSW Minister for the Environment, in accordance with section 84 of the <i>National Parks and Wildlife Act 1974</i> and by an order published in the Gazette, as a place that, in the opinion of the Minister, is or was of special significance with respect to Aboriginal culture.  |
| AFG                                | Aboriginal Focus Group   |
| AFT                                | Artefact Scatter   |
| AHIMS                              | Aboriginal Heritage Information Management System  |
| Amended footprint                  | Revised construction and operational footprint that accommodates the adjustments made to the proposal design since public exhibition of the EIS.   |
| Archaeological site                | A location that has evidence of past Aboriginal activity (both material and mythological/ritual).  |
| Area of archaeological sensitivity | A part of the landscape that contains demonstrated occurrences of cultural material. The precise level of sensitivity will depend on the density and significance of the material.   |
| Area of cultural sensitivity       | A part of the landscape that has indicated cultural sensitivity not necessarily confirmed by the presence of archaeological objects or potential but more so areas that have intangible sensitivity such as song lines or story places important to Aboriginal tradition.  |
| ARTC                               | Australian Rail Track Corporation  |
| ASDST                              | Aboriginal Site Decision Support Tool  |
| Cth                                | Commonwealth   |
| Code of Practice                   | <i>Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW</i>  |



| Acronym/term                           | Definition  |
|--|---|
| Culturally modified (scarred) trees    | Trees that feature Aboriginal derived scars are distinct due to the scar's oval or symmetrical shape and the occasional use of steel, or more rarely, stone axe marks on the scar's surface. Scarred trees are identified by the purposeful removal of bark for use in the manufacture of artefacts such as containers, shields and canoes. The bark was also used for the construction of shelters. Other types of scarring include toeholds cut in the trunks or branches of trees for climbing purposes and the removal of bark to indicate the presence of burials in the area. |
| Construction compound                  | An area used as the base for construction activities, usually for the storage of plant, equipment and materials and/or proposal site offices and worker facilities.   |
| Construction footprint                 | Defined as the area that would be directly affected by construction of the proposal. It includes the location of proposal infrastructure, the area that would be directly disturbed by the movement of construction plant and machinery, and the location of the compounds and laydown areas that would be used during construction.  |
| Direct impacts                         | The direct consequences of the proposal on Aboriginal heritage.   |
| DPIE                                   | Department of Planning, Industry and Environment (NSW)  |
| EIS                                    | Environmental Impact Statement  |
| EP&A Act                               | <i>Environmental Planning and Assessment Act 1979</i> (NSW)   |
| EPBC Act                               | <i>Environment Protection and Biodiversity Conservation Act 1999</i> (Commonwealth)   |
| Indirect impacts                       | Defined as the area where Aboriginal heritage may be accidentally or incidentally affected during construction and operation of the proposal. This includes Aboriginal sites or places that are close to the construction footprint that require protection to ensure sites are not inadvertently impacted. Secondary consequences or downstream impacts that may be the product of interactions of multiple factors, of which the proposal is a contributing factor.   |
| Inland Rail program (Inland Rail)      | The Inland Rail program encompasses the design and construction of a new inland rail connection between Melbourne and Brisbane, via Wagga, Parkes, Moree, and Toowoomba. The route for Inland Rail is about 1,700 kilometres in length. Inland Rail will involve a combination of upgrades of existing rail track and the provision of new track.   |
| In situ                                | A description of any cultural material that lies undisturbed in its original point of deposition.   |
| LALC                                   | Local Aboriginal Land Council   |
| NPW Act                                | <i>National Parks and Wildlife Act 1974</i> (NSW)   |
| NSW                                    | New South Wales   |
| OEH                                    | Office of Environment and Heritage (former)   |
| Operation footprint                    | Defined as the area that would be directly affected by operation of the proposal.   |
| Potential Archaeological Deposit (PAD) | A PAD is a location that is considered to have a potential for sub-surface cultural material. This is determined from a visual inspection of the site, background research of the area and the landform's cultural importance.  |

| Acronym/term                     | Definition  |
|----------------------------------|---|
| Proposal site                    | Defined as the area that would be directly affected by construction and operation of the proposal.  |
| RAP                              | Registered Aboriginal Party   |
| SEARs                            | Secretary Environmental Assessment Requirements   |
| State significant infrastructure | Infrastructure which has been declared to be State significant infrastructure for the purposes of Division 5.2 of the NSW <i>Environmental Planning and Assessment Act 1979</i> .   |
| Study area                       | The study area is defined as the wider area including and surrounding the proposal site, with the potential to be directly or indirectly affected by the proposal. For the Aboriginal heritage assessment this includes sites within 400 metres from the operation and construction footprints (refer to section Figure 1.1).   |
| Sub-surface testing              | An archaeological method used to identify the nature and extent of PADs by excavating small (0.5 metres by 0.5 metres) pits and recording the stratigraphy, material remains (such as stone tools) and disturbance.   |
| The proposal                     | Inland Rail corridor between Narrabri and Narromine with associated ancillary areas. Defined as the construction and operation of the Narromine to Narrabri section of Inland Rail. It includes the location of proposal infrastructure, the area that would be directly disturbed by the movement of construction plant and machinery, and the location of the compounds and laydown areas that would be used during construction. |

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# 1. Introduction

## 1.1 Background

### 1.1.1 Inland Rail and the proposal

The Australian Government has committed to delivering a significant piece of national transport infrastructure by constructing a high performance and direct interstate freight rail corridor between Melbourne and Brisbane, via central-west New South Wales (NSW) and Toowoomba in Queensland. Inland Rail is a major national program that will enhance Australia's existing national rail network and serve the interstate freight market.

The Inland Rail route, which is about 1,700 kilometres long, involves:

- using the existing interstate rail line through Victoria and southern NSW
- upgrading about 400 kilometres of existing track, mainly in western NSW
- providing about 600 kilometres of new track in NSW and south-east Queensland.

The Inland Rail program has been divided into 13 sections, seven of which are located in NSW. Each of these projects can be delivered and operated independently with tie-in points on the existing railway.

Australian Rail Track Corporation Ltd (ARTC) ('the proponent') is seeking approval to construct and operate the Narromine to Narrabri section of Inland Rail ('the proposal').

The proposal consists of about 306 kilometres of new single-track standard gauge railway with crossing loops. The proposal also includes changes to some roads to facilitate construction and operation of the new section of railway, and ancillary infrastructure to support the proposal.

The proposal would be constructed to accommodate double-stacked freight trains up to 1,800 metres long and 6.5 metres high. It would include infrastructure to accommodate possible future augmentation and upgrades of the track, including a possible future requirement for 3,600 metre long trains.

The land requirements for the proposal would include a new rail corridor with a minimum width of 40 metres, with some variation to accommodate particular infrastructure and to cater for local topography. The corridor would be of sufficient width to accommodate the infrastructure currently proposed for construction, as well as possible future expansion of crossing loops for 3,600 metre long trains. Clearing of the proposal site would occur to allow for construction and to maintain the safe operation of the railway.

### 1.1.2 Approval and assessment requirements

The proposal is critical State significant infrastructure and is subject to approval by the NSW Minister for Planning and Public Spaces under the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act). The proposal is also determined to be a controlled action under the Commonwealth *Environment Protection and Biodiversity and Conservation Act 1999* (EPBC Act) and requires approval from the Australian Minister for the Environment.

An Environmental Impact Statement (EIS) was prepared to support ARTC's application for approval of the proposal in accordance with the requirements of Division 5.2 of the EP&A Act. The EIS addressed the environmental assessment requirements of the Secretary of the Department of Planning, Industry and Environment (DPIE) ('the SEARs'), dated 9 September 2020.

The EIS was placed on public exhibition by DPIE for a period of 62 days, commencing on 8 December 2020, and concluding on 7 February 2021.

The EIS was also prepared to support ARTC's application for approval of the proposal under the EPBC Act.



The EIS was supported by a range of technical reports, which provide detailed assessments of the potential impacts of the proposal as they relate to the key environmental issues defined by the SEARs. This included *Technical Report 6 – Aboriginal cultural heritage* (JacobsGHD, 2020b).

### 1.1.3 Reporting to submissions and proposed amendments

During the exhibition period, interested stakeholders and members of the community were able to review the EIS online or at display locations, participate in consultation and engagement activities, and make a written submission to DPIE for consideration in its assessment of the proposal.

ARTC has prepared a Response to Submissions report to respond to submissions received during the exhibition period.

During and following public exhibition of the EIS, ARTC has undertaken further investigations and is proposing a number of design amendments to the proposal. The aim of these amendments is to address issues raised during consultation and in submissions, and to minimise the potential impacts of the proposal where practicable, particularly in respect of land use and property, flooding, traffic and access.

A summary of the proposed amendments is provided in Table 1.1. Further information is provided in the combined *Inland Rail Narromine to Narrabri Preferred Infrastructure / Amendment Report* (JacobsGHD, 2021a).

**Table 1.1 Summary of amendments**

| Proposal feature                      | Proposed amendment   |
|---------------------------------------|--|
| Crossing loops                        | Relocation of the seven crossing loops to new locations to minimise overall impacts.   |
| Public level crossings                | Changes to public level crossing numbers, locations and treatments due to changes to crossing loop locations, updated traffic data and refinement of sight distances.  |
| Public road closures                  | Reduction in the number of public road and access tracks that would need to be closed, mainly as a result of the crossing loop relocations.  |
| Public road realignments              | Changes to the public roads requiring realignment to minimise property impacts.  |
| Temporary workforce accommodation     | Changes to the locations of the Narromine North and Baradine temporary workforce accommodation facilities based on consultation with key stakeholders.<br><br>Mobile accommodation facilities are now proposed be provided within some of the general compounds for improved flexibility on the workforce approach.  |
| Construction and operation footprints | Adjustments to the construction and operational footprints to accommodate the above amendments and other proposed design refinements, and to minimise the amount of disturbance where possible. In addition, drainage control areas have been added at a number of culverts to provide sufficient space outside the rail corridor for the management of flow velocities. |

## 1.2 The proposal

### 1.2.1 Location

The proposal would be located between the towns of Narromine and Narrabri in NSW. The proposal would link the Parkes to Narromine section of Inland Rail located in central west NSW, with the Narrabri to North Star section of Inland Rail located in north west NSW.

The location of the proposal is shown in Figure 1.1.

### 1.2.2 Key features

The key design features of the proposal (as amended) include:

#### *Rail infrastructure*

- a new 306 kilometre long rail corridor between Narromine and Narrabri
- a single-track standard gauge railway and track formation within the new rail corridor
- seven crossing loops, at Burroway, Balladoran, Armatree/Tonderburine, Mt Tenandra, Baradine, The Pilliga and Bohena Creek
- bridges over rivers and other watercourses (including the Macquarie River, Castlereagh River and the Namoi River/Narrabri Creek system), floodplains and roads
- level crossings
- new rail connections and possible future connections with existing ARTC and Country Regional Network rail lines, including a new 1.2 kilometre long rail junction between the Parkes to Narromine section of Inland Rail and the existing Narromine to Cobar Line (the Narromine West connection)

#### *Road infrastructure*

- road realignments at various locations, including realignment of the Pilliga Forest Way for a distance of 6.7 kilometres
- limited road closures.

The key features of the proposal are shown in Figure 1.2.

Ancillary infrastructure to support the proposal would include signalling and communications, drainage, drainage control areas, signage and fencing, and services and utilities.

Further information on the proposal is provided in the combined the combined *Inland Rail Narromine to Narrabri Preferred Infrastructure / Amendment Report* (JacobsGHD, 2021a).

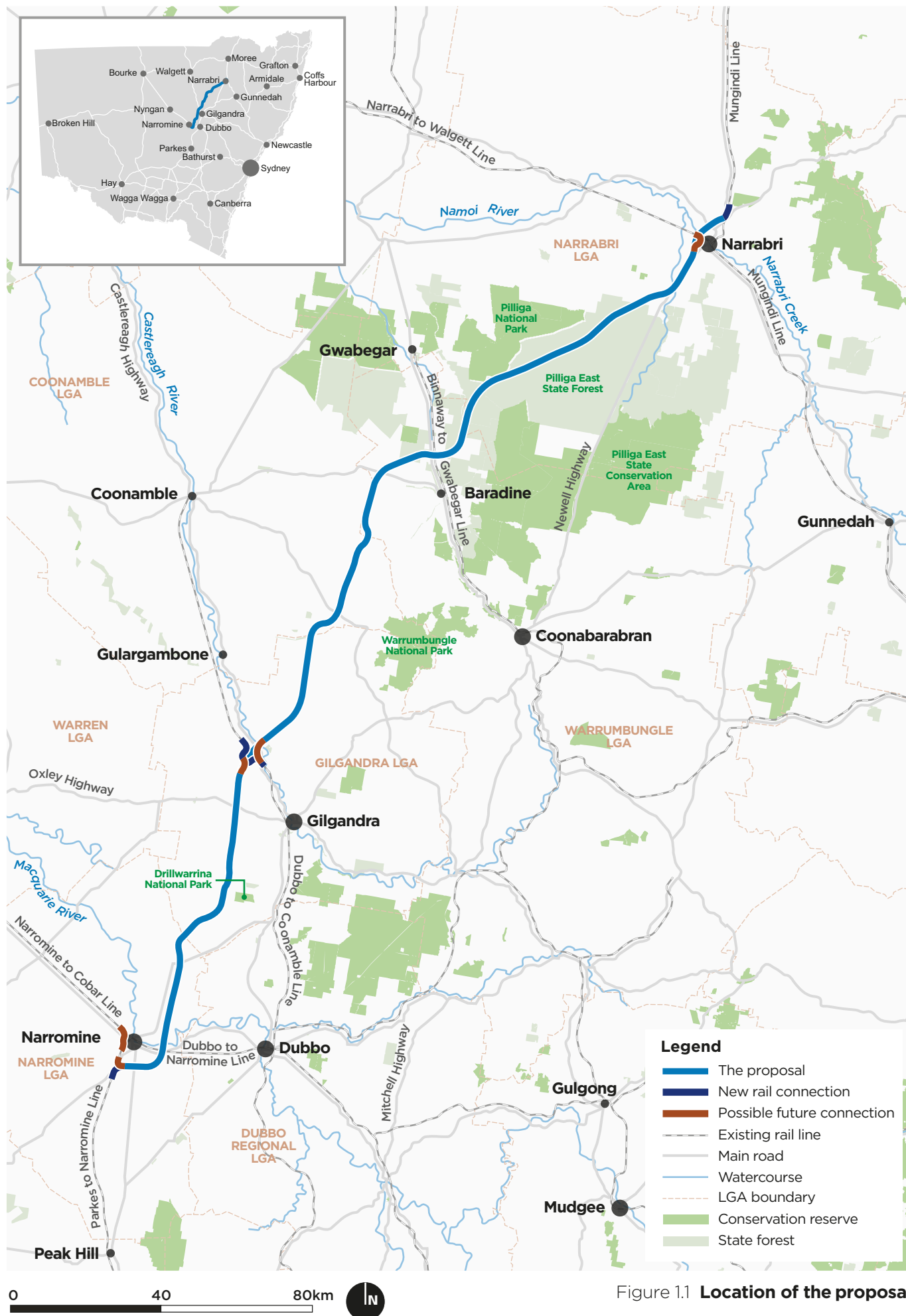


Figure 1.1 **Location of the proposal**

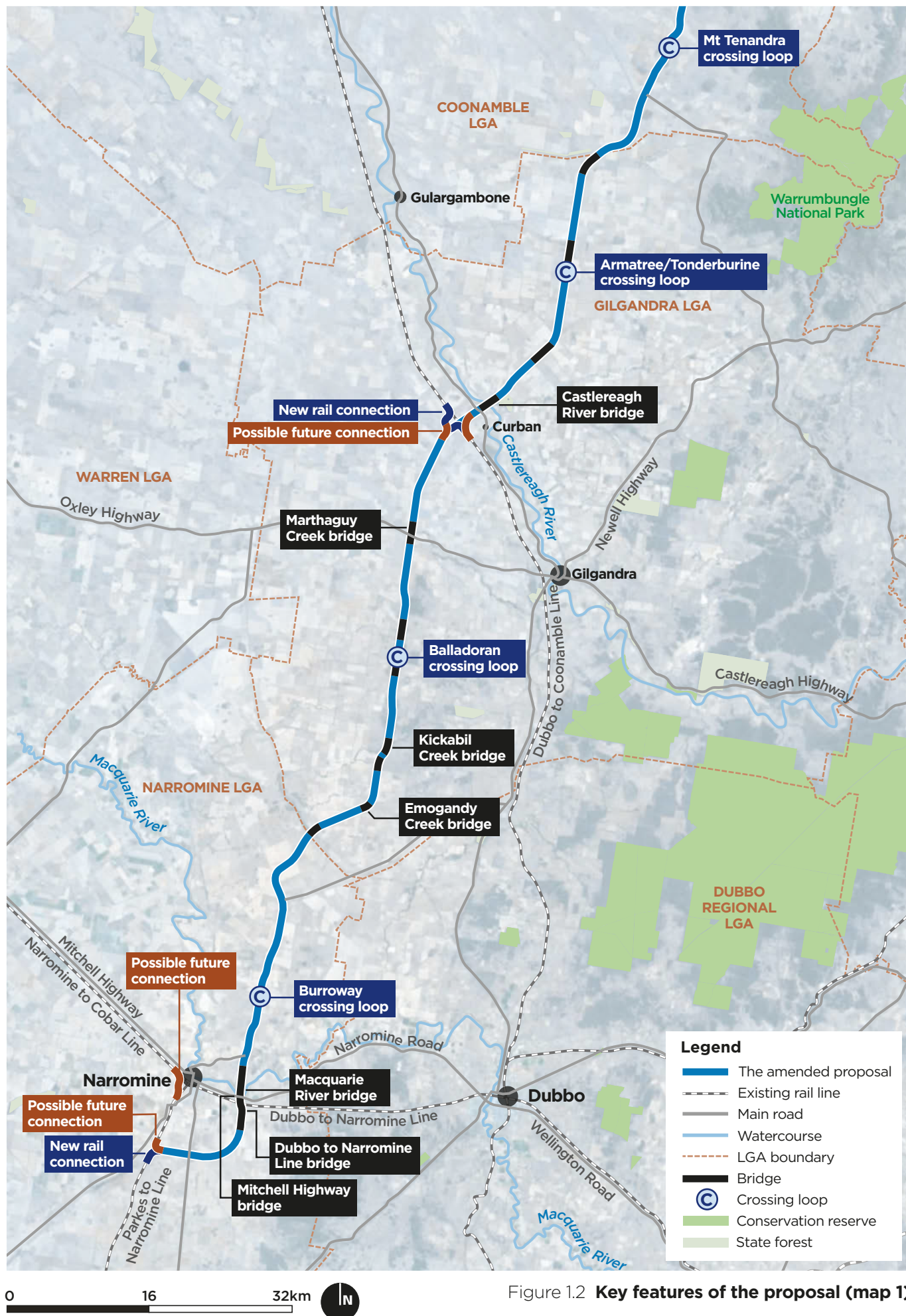
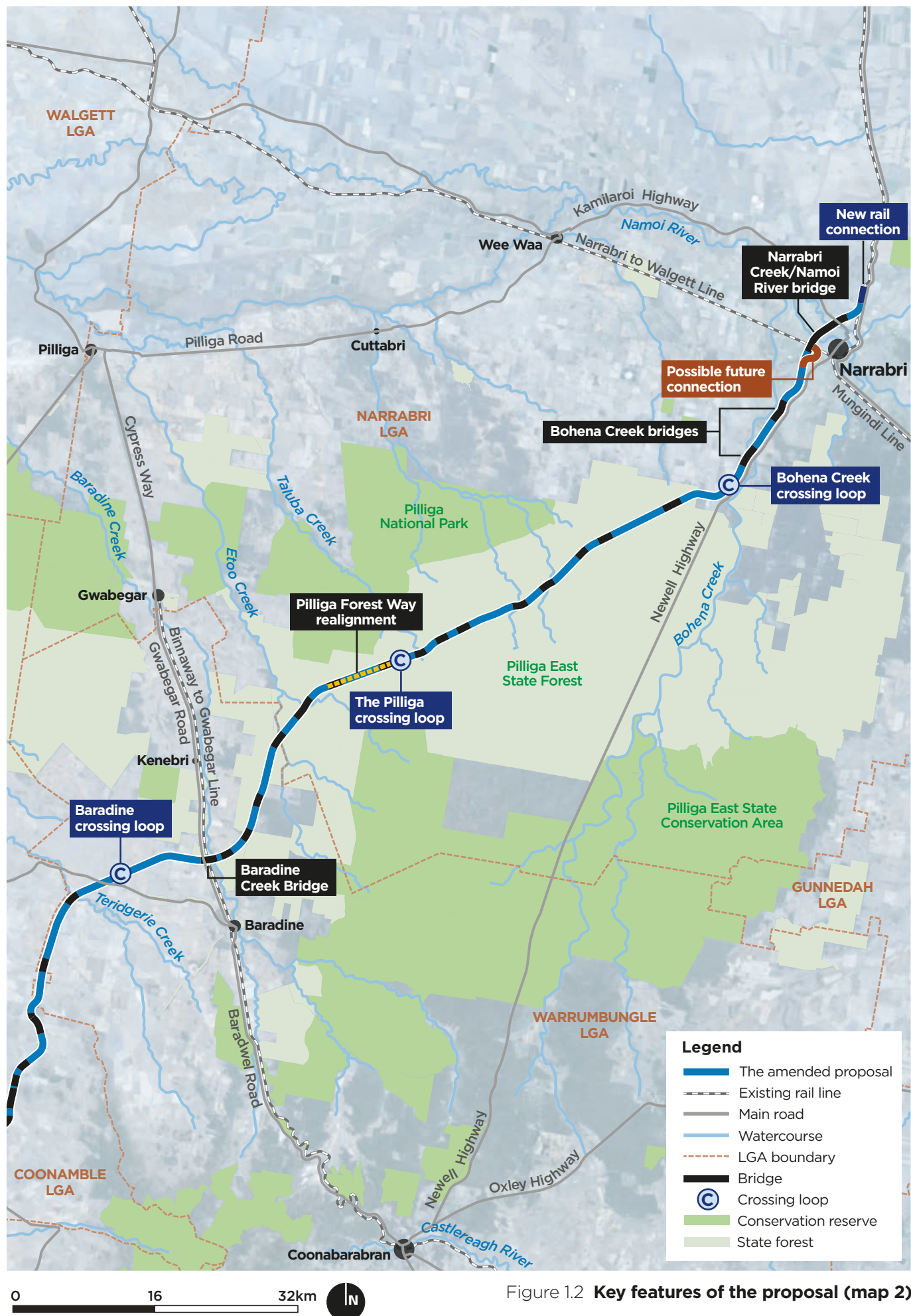


Figure 1.2 Key features of the proposal (map 1)







### 1.2.3 Construction overview

An indicative construction strategy has been developed based on the current reference design to be used as a basis for the environmental assessment process. Detailed construction planning, including programming, work methodologies, staging and work sequencing would be undertaken once construction contractor(s) have been engaged and during detailed design.

#### *Timing and work phases*

Construction of the proposal would involve five main phases of work as outlined in Table 1.2. It is anticipated that the first phase would commence in late 2022, and is expected to take about four years to complete.

**Table 1.2 Main construction phases and indicative activities**

| Proposal feature             | Proposed amendment  |
|------------------------------|---|
| Pre-construction             | <ul style="list-style-type: none"><li>Establishment of areas to receive early material deliveries.</li><li>Delivery of certain materials that need to be brought to site before the main construction.</li></ul>  |
| Site establishment           | <ul style="list-style-type: none"><li>Establishment of key construction infrastructure, work areas and other construction facilities.</li><li>Installing environmental controls, fencing and site services.</li><li>Preliminary activities including clearing/trimming of vegetation.</li></ul> |
| Main construction            | <ul style="list-style-type: none"><li>Construction of the proposed rail and road infrastructure, including earthworks, track, bridge and earth works.</li></ul>   |
| Testing and commissioning    | <ul style="list-style-type: none"><li>Testing and commissioning of the rail line and communications and signalling systems.</li></ul>   |
| Finishing and rehabilitation | <ul style="list-style-type: none"><li>Demobilisation and decommissioning of construction compounds and other construction infrastructure.</li><li>Restoration and rehabilitation of disturbed areas.</li></ul>  |

#### *Key construction infrastructure*

The following key infrastructure is proposed to support construction of the proposal (as amended) (see

- borrow pits:
  - borrow pit A – Tantitha Road, Narromine
  - borrow pit B – Tomingley Road, Narromine
  - borrow pit C – Euromedah Road, Narromine
  - borrow pit D – Perimeter Road, Narrabri
- three main compounds, which would include a range of facilities to support construction ('multi-function compounds'), located at:
  - Narromine South
  - Curban
  - Narrabri West
- temporary workforce accommodation for the construction workforce:
  - within the Narromine South multi-function compound
  - Narromine North

- Gilgandra
- Baradine
- within the Narrabri West multi-function compound.

Other construction infrastructure would include a number of smaller compounds of various sizes located along the proposal site, concrete batching plants, laydown areas, welding yards and a concrete pre-cast facility.

Further information on the indicative construction methodology and the infrastructure required to support construction is provided in the combined *Inland Rail Narromine to Narrabri Preferred Infrastructure / Amendment Report* (JacobsGHD, 2021a).

#### **1.2.4 Operation**

The proposal would form part of the rail network managed and maintained by ARTC. Train services would be provided by a variety of operators. The proposal is expected to be operational in 2026. Inland Rail as a whole would be operational once all 13 sections are complete, which is estimated to be in 2027.

It is estimated that the proposal would be trafficked by an average of 10 trains per day (both directions) in 2026, increasing to about 14 trains per day (both directions) in 2040. This rail traffic would be in addition to the existing rail traffic using other lines that the proposal interacts with.

The trains for Inland Rail as a whole would be a mix of grain, bulk freight, and other general transport trains. Total annual freight tonnages would be about 10 million tonnes in 2027, increasing to about 17.5 million tonnes in 2040.

Train speeds would vary according to axle loads, and range from 80 to 115 kilometres per hour.

### **1.3 Purpose and scope of this report**

This Addendum ACHAR was prepared following the exhibition of the EIS to identify gaps associated with the project amendments and to inform the combined *Inland Rail Narromine to Narrabri Preferred Infrastructure / Amendment Report* (JacobsGHD, 2021a). This document should be read in conjunction with *Technical Report 6 – Aboriginal cultural heritage* (JacobsGHD, 2020b). Background information, details of previously completed archaeological investigations, and other site information are not repeated in this report.

This Addendum ACHAR has been prepared with reference to the Secretary's environmental assessment requirements (SEARs), the *Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW* (OEH, 2011) and *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW, 2010a).

As part of the submissions process, a *Response to Submissions Report* (JacobsGHD, 2021b) has been prepared, which includes amended mitigation measures which supersede the measures presented in the EIS. The amended/additional mitigation measures proposed in this Addendum ACHAR (refer to section 5) will be documented in the *Response to Submissions Report*.

This report:

- provides an updated assessment of the proposal (as amended)
- addresses the relevant SEARs listed in Table 1.3
- provides additional information as required to respond to issues raised in submissions and during consultation
- recommends feasible and reasonable measures to mitigate the impacts identified.

The methodology for the assessment is described in section 2.

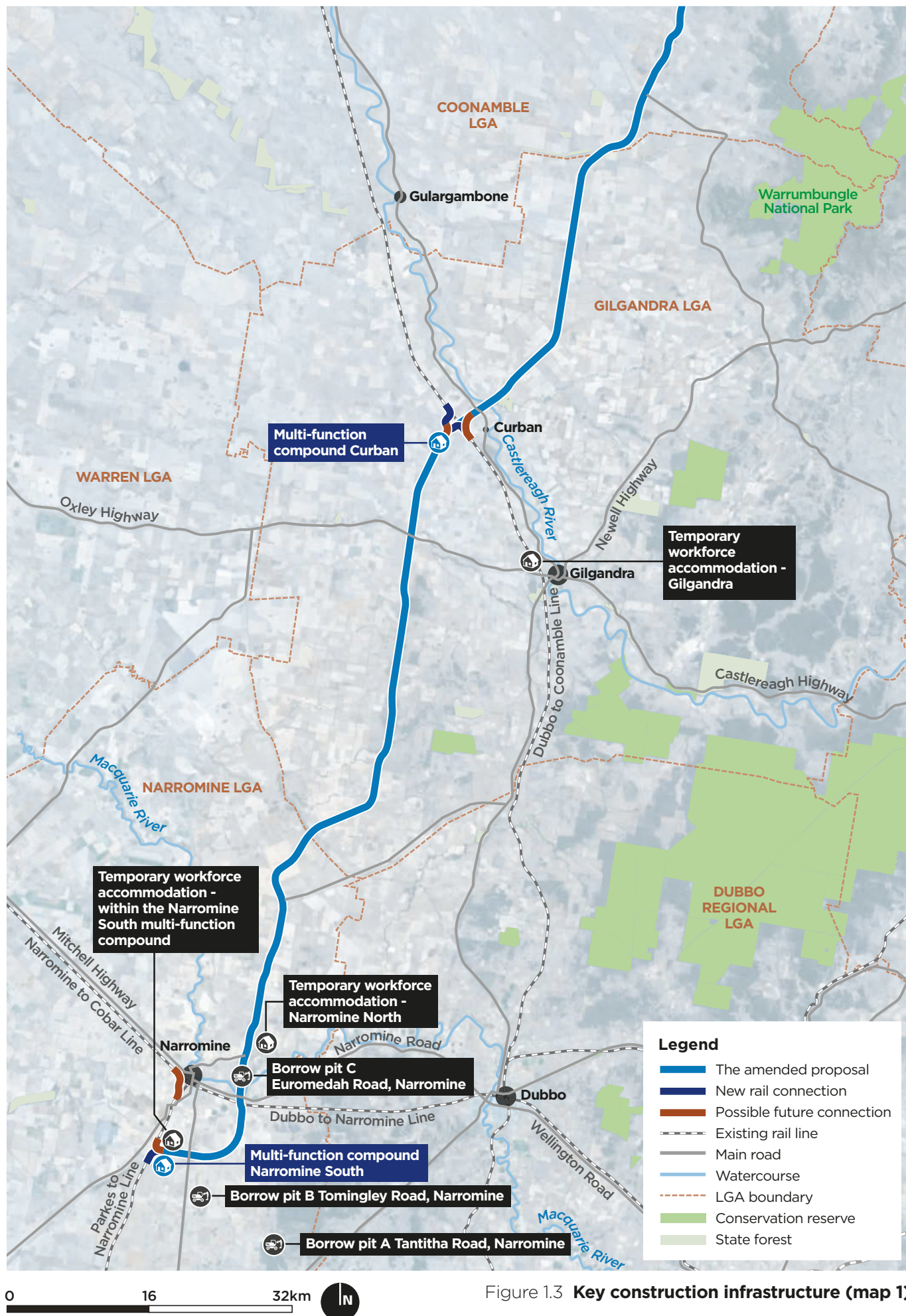
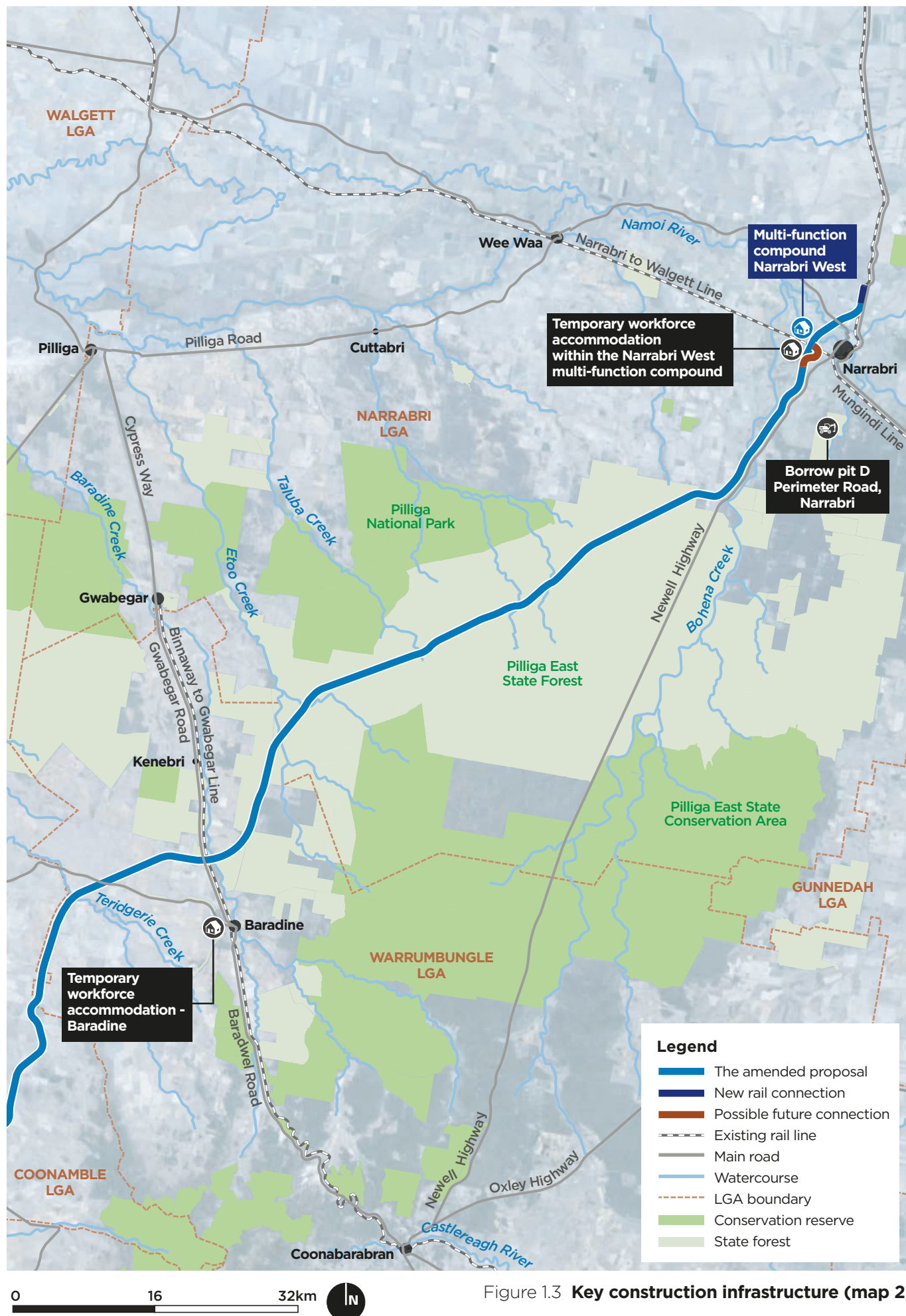


Figure 1.3 Key construction infrastructure (map 1)





**Table 1.3 SEARs relevant to this assessment**

| SEAR number | Requirements   | Where addressed in this report   |
|-------------|--|--|
| 14.1        | The Proponent must identify and assess any direct and/or indirect impacts (including cumulative impacts) to the heritage significance of:  | Direct and indirect impacts are assessed in Section 4 of this report.  |
|             | (a) Aboriginal places and objects, as defined under the <i>National Parks and Wildlife Act 1974</i> and in accordance with the principles and methods of assessment identified in the current guidelines;  | See Section 6 of <i>Technical Report 6 – Aboriginal cultural heritage assessment</i> .<br>There are no Aboriginal places of heritage significance as defined by the relevant LEPs.   |
|             | (b) Aboriginal places of heritage significance, as defined in the Standard Instrument – Principal Local Environmental Plan;  | There are two Aboriginal places defined under the <i>National Parks and Wildlife Act 1974</i> , listed on the NSW State Heritage Register. These are located approximately 5 kilometres to the west of the proposal on the northern bank of the Macquarie River.   |
|             | (c) Environmental heritage, as defined under the <i>Heritage Act 1977</i> ; and  | See Section 5 of <i>Technical Report 6 – Aboriginal cultural heritage assessment</i> .   |
|             | (d) Items listed on the National and World Heritage lists.   | See Section 5 of <i>Technical Report 6 – Aboriginal cultural heritage assessment</i> .<br>There are no items listed on the National and World Heritage lists in the vicinity of the proposal.  |
| 14.2        | Where archaeological investigations of Aboriginal objects are proposed these must be conducted by a suitably qualified archaeologist, in accordance with section 1.6 of the <i>Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW</i> (DECCW, 2010b).  | No archaeological investigations proposed.   |
| 14.3        | Impacts to Aboriginal objects and/or places must be assessed and documented in an Aboriginal Cultural Heritage Assessment Report (ACHAR). Consultation must be undertaken with Aboriginal people in accordance with the <i>Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010</i> (DECCW, 2010a). The ACHAR must document the outcomes of consultation with Aboriginal people and outline measures proposed to mitigate impacts. The significance of cultural heritage values for Aboriginal people who have a cultural association with the land must be documented in the ACHAR. | Potential impacts are assessed in Section 4<br>Aboriginal community consultation and how responses have been addressed is described in Section 3.<br>Cultural heritage values are described in Section 4, and in more detail in Section 6 of <i>Technical Report 6 – Aboriginal cultural heritage assessment</i> . |



## **1.4 Structure of this report**

The structure of the report is outlined below:

- Section 1 - provides an introduction to the report
- Section 2 - outlines the legislative framework, methodology and limitations of the assessment
- Section 3 - describes Aboriginal community consultation carried out for the proposal
- Section 4 - provides revised impact assessment
- Section 5 - details the recommended mitigation measures.

## 2. Methodology and assessment scope

### 2.1 Context

In 2020, the *Inland Rail Narromine to Narrabri Aboriginal Cultural Heritage Assessment Report* (ACHAR) (JacobsGHD, 2020b) was prepared to support the EIS and assess the potential impacts of the proposal to identified Aboriginal objects and places.

Investigations to support the preparation of the ACHAR included desktop assessment, including all relevant database searches, the development of a predictive model to identify areas that were likely to be of cultural sensitivity and targeted field surveys in the company of the registered Aboriginal parties. The predictive model was developed using aerial imagery, the results of desktop assessment and literature review, results of the initial site survey, spatial datasets (including watercourses and contour mapping to identify important landforms), and information from the Heritage NSW Aboriginal Site Decision Support Tool (ASDST) and the Aboriginal Heritage Information Management System (AHIMS).

The ACHAR was prepared following the guidelines set out in the *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW* (Code of Practice) (DECCW, 2010a), the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH, 2011), and the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW, 2010c).

### 2.2 Legislative framework

The assessment of the amended proposal was guided by the principles of the:

- EP&A Act, the *National Parks and Wildlife Act 1974* (NSW), the EPBC Act, the *Aboriginal and Torres Strait Islander Heritage Protection Act 1984* (Cth), the *Native Title Act 1993* (Cth) and the *Aboriginal Land Rights Act 1983* (Cth)
- *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW, 2010a)
- *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW* (DECCW, 2010b)
- *Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW* (OEH, 2011).

### 2.3 Methodology

The methodology utilised in the preparation of *Technical Report 6 – Aboriginal cultural heritage* is outlined in Section 3 of that report.

The methodology adopted for this Addendum ACHAR generally followed requirements of the *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW* (Code of Practice) (DECCW, 2010b) and the *Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW* (OEH, 2011).

The amended construction and operational footprints were assessed in GIS against the known AHIMS sites, areas of archaeological sensitivity and other important topological features such as waterways. Where there was a change compared to the impact assessed in the 2020 ACHAR, a revised impact assessment was prepared.

Additional mitigation measures were added to those presented in the 2020 ACHAR where necessary.

The draft Addendum ACHAR will be provided to the registered Aboriginal parties (RAPs) for the proposal for consultation in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW, 2010a).

Any responses and feedback provided by the RAPs will be included in the final Addendum ACHAR and in the combined *Inland Rail Narromine to Narrabri Preferred Infrastructure / Amendment Report* (JacobsGHD, 2021a).

## **2.4 Limitations and exclusions**

The scope of this addendum report is based on information supplied by the proponent and existing, publicly available environmental and archaeological information. No independent verification of the results or interpretations of externally sourced reports was completed, except where archaeological investigation indicated inconsistencies. The Aboriginal Heritage Information Management System (AHIMS) data was provided by Heritage NSW and information in this report reflects the scope and the accuracy of the supplied AHIMS data. This report is limited to an assessment of Aboriginal objects and places in accordance with the Code of Practice.

## **2.5 Report authorship and acknowledgements**

This report was prepared by Ryan Taddeucci (BA – Honours Archaeology), Masters of Museum Studies) (Senior Archaeologist, Jacobs), with technical review and management input from Fran Scully (Principal Archaeologist, Jacobs). Ryan has 10 years' experience working in Aboriginal and historical archaeology and cultural heritage management in Queensland, New South Wales and Western Australia. He has experience preparing preliminary advice reports, statements of heritage significance, statements of heritage impacts, heritage management plans, due diligence assessments, cultural heritage assessment reports, and technical reports for a range of archaeological and cultural heritage projects.

Fran holds a Master of Science in archaeological geophysics from the University of Bradford and has over 29 years' experience as a field archaeologist, consultant archaeologist, cultural heritage advisor, heritage regulator and policy advisor.

Mapping was prepared by Alison Jackson.

### 3. Aboriginal community consultation

In accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW, 2010a), a draft copy of this report was provided to the Native Title (NT) groups, local Aboriginal land councils (LALCs) and registered Aboriginal parties (RAPs) for review and comment. A review period of 28 days was provided.

Initially it was intended to conduct two Aboriginal focus groups (AFGs) in mid-January to provide a forum to discuss the proposal impacts and proposed mitigation measures. However due to concerns regarding COVID-19, it was decided that face to face meetings were not advisable at this time for health and safety reasons.

At the conclusion of the 28 day review period, all RAPs who had not provided comments were contacted via telephone (where phone numbers were provided) to provide an opportunity to discuss the proposal impacts and proposed mitigation recommendations documented in this report. A further follow up was made on 4 February 2022. Prior to finalising the report, an additional opportunity to provide comment was offered to RAPs who had not previously provided comment, between 26 May and 10 June. No further comments were received during this period. Comments made on the draft Addendum ACHAR during the review by the NT groups, LALCs and RAPs are summarised in Table 3.1. Comments have been edited for clarity.

**Table 3.1 Summary of comments made during the review of the draft ACHAR and response to comments**

| Respondent group                         | Comment made   | Response to comment/Where addressed in this report                                   |
|--|--|--|
| Wahgunyah Aboriginal Housing Corporation | Keep in contact about the next phase. Is interested in any future work.  | Comments passed on to ARTC.  |
| Tony Griffiths                           | Concerned that consultation process is inadequate and has been rushed.<br>Would like to be informed about the employment targets, and fees, for Aboriginal people on the project during the construction phase (not heritage work).<br>Keen to see Aboriginal people in the region employed. | Comments passed on to ARTC.  |
| Cacatua                                  | No comment, happy with the report.   | Noted.   |
| Gomerioi applicant                       | No comments received.  |  |
| Didge Ngunawal Clan                      | Happy with the report  | Noted.   |
| Kamaliroi Yankuntjar                     | Noted that it is an important area and there are sacred sites in the area. Is interested in opportunities to work on the project, and is aware of others who are interested in employment during construction as well.   | Interest in future employment opportunities is noted.<br>Comments passed on to ARTC. |

| Respondent group             | Comment made   | Response to comment/Where addressed in this report   |
|------------------------------|--|--|
| Ngurra Mayne Elders          | No comments on the report.   | Noted.   |
|                              | Noted a concern that there are likely to be Aboriginal people living in the communities or who have lived in missions that have been moved on that have not been involved in the project due to the limitations of the requirements of the consultation process. | Concerns regarding NSW processes noted.  |
|                              | Commented that the legislation is flawed with regard to who is allowed to work in the area and does not respect cultural knowledge holders.  | Concerns regarding NSW processes noted.  |
|                              | Registered support for the project and the potential for the economic development opportunities for Aboriginal people.   | Noted.   |
|                              | Requested that ARTC manage the project in a respectful manner. Where human remains are encountered, the should be reburied in a suitable place safe from harm.   | The sensitivity of all human burials is recognised.<br><br>Mitigation measures AH10 and AH12 refer specifically to proposed measures to ensure all human remains are managed respectfully and in consultation with the relevant knowledge holders. |
|                              | Noted that Native Title negotiations are ongoing over areas of the proposal site.  | ARTC is aware of the ongoing Native Title negotiations and is continuing to consult with the relevant parties.   |
| Gamilaraay Council of Elders | Are interested in opportunities to work on the project.  | Comments passed on to ARTC.  |



| Respondent group   | Comment made          | Response to comment/Where addressed in this report |
|--------------------|-----------------------|--|
| Baradine LALC      | No comments received. |  |
| Coonabarabran LALC | No comments received. |  |
| Gilgandra LALC     | No comments received. |  |
| Narrabri LALC      | No comments received. |  |
| Narromine LALC     | No comments received. |  |
| Pilliga LALC       | No comments received. |  |
| Weilwan LALC       | No comments received. |  |

Note: Respondent details are to be redacted in any public version of this document.

### 3.1 Ongoing consultation

ARTC will continue to engage with stakeholders and the community in the lead up to, and during, construction.

Consultation with Heritage NSW, NT groups, LALCs and RAPs will extend past the investigation phase (as documented in this report). Further field surveys and archaeological investigations will follow the EIS approval and into the next phases of the proposal as detailed in section 10 of the EIS.

## 4. Revised impact assessment

The amended construction and operation footprints are shown on the maps in Appendix B. The amended footprint has resulted in a change in impact on the registered location of four AHIMS sites:

- Modified tree - Boothaguy Creek ST6 (AHIMS ID 27-6-0042) (Appendix B: Figure 1.6)
- Modified tree - Berida Road ST1 (AHIMS ID 28-4-0283) (Appendix B: Figure 1.8)
- Artefact scatter - Calga Creek AFT and PAD (AHIMS ID 28-1-0059) (Appendix B: Figure 1.14)
- Artefact scatter - NB-AS-04 (AHIMS ID 28-1-0095) (Appendix B: Figure 1.14).

The ACHAR assessed that the original proposal would pose a direct impact to Calga Creek AFT and PAD (AHIMS ID 28-1-0059) and NB-AS-04 (AHIMS ID 28-1-0095) resulting harm to the entire extent of both sites. However, based on the current proposed amended footprints, only a portion of both sites would be impacted by the amended proposal. As a result, these two sites would be partially impacted, resulting in a partial loss of value.

The ACHAR assessed that Berida Road ST1 (AHIMS ID 28-4-0283) would be indirectly impacted by the proposed works resulting in a potential loss of value. The amended proposal area would now extend to include the location of the Berida Road ST1 (AHIMS ID 28-4-0283). The modified tree would remain in situ, with the drainage control works placed to protect the tree. Further design work would be undertaken in detailed design to refine the proposed drainage controls, and every attempt would be made to reduce the ground disturbance works at this location. As a result, Berida Road ST1 (AHIMS ID 28-4-0283) is unlikely to be impacted by the amendment and there will be no loss of value.

As Boothaguy Creek ST6 (AHIMS ID 27-6-0042) was located outside the study area utilised for the ACHAR, impacts to the site were not assessed. The amended proposal area would now include Boothaguy Creek ST6 (AHIMS ID 27-6-0042). As the modified tree would remain in situ and further work would be done during detailed design to reduce the ground disturbance works at this location. As a result, Boothaguy Creek ST6 (AHIMS ID 27-6-0042) is unlikely to be impacted by the amendment and there will be no loss of value.

See Table 4.1 for a summary of impacts in accordance with Requirement 11 of the Code of Practice. See Appendix B for maps showing the impact areas.

**Table 4.1: Summary of revised impacts**

| Site name               | AHIMS ID  | Type of harm | Degree of harm | Consequence of harm   |
|-------------------------|-----------|--------------|----------------|-----------------------|
| Boothaguy Creek ST6     | 27-6-0042 | None         | None           | No loss of value      |
| Berida Road ST1         | 28-4-0283 | None         | None           | No loss of value      |
| Calga Creek AFT and PAD | 28-1-0059 | Partial      | Partial        | Partial loss of value |
| NB-AS-04                | 28-1-0095 | Partial      | Partial        | Partial loss of value |

## 5. Recommended mitigation measures

The mitigation measures presented in Table 10.1 and Table 10.2 of the ACHAR have been superseded by the amended mitigation measures that are documented in the *Response to Submissions Report* (JacobsGHD, 2021b). They remain similar in content and intent, however have been revised to provide additional clarity. The revised measures are provided in Table 5.1.

NB-AS-04 (AHIMS ID 28-1-0095), an artefact scatter, was assessed in the ACHAR as being of low significance. As a result, NB-AS-04 (AHIMS ID 28-1-0095) would be subject to mitigation measure AH8 (impacts on artefact scatters). Surface collection (salvage) of artefact scatters located within the portion of NB-AS-04 (AHIMS ID 28-1-0095) would occur prior to construction. No artefacts located outside the impact area should be salvaged, they should remain in-situ.

Calga Creek AFT and PAD (AHIMS ID 28-1-0059) is an artefact scatter and associated PAD. As a result it would be subject to mitigation measure AH5 (Impacts on PADs) and AH8 (impacts on artefact scatters). Surface collection (salvage) of the artefact scatter located within the portion of Calga Creek AFT and PAD (AHIMS ID 28-1-0059) would occur prior to construction. No artefacts located outside the impact area should be salvaged, they should remain in-situ. Sub-surface archaeological test excavations would be undertaken to confirm the nature and extent of any subsurface artefacts. If test excavation confirms the presence of subsurface artefacts, the site would be managed in consultation with Heritage NSW and the RAPs. If salvage excavations are required, it would be managed in accordance with the salvage methodology (mitigation measure AH2).

Boothaguy Creek ST6 (AHIMS ID 27-6-0042) and Berida Road ST1 (AHIMS ID 28-4-0283) are modified trees which are unlikely to be impacted by the amended proposal. However there would be an opportunity to potentially reduce the direct footprint of the proposal at these locations, affording additional protection against inadvertent damage, so it is of value to include additional mitigation measures for these two locations. Where impact is unavoidable due to design change, the sites would be subject to mitigation measure AH6 (Direct impacts on modified trees).

**Table 5.1: Revised Aboriginal cultural heritage mitigation measures**

| REF | Issue/impact   | Mitigation measures  |
|-----|--|--|
| AH1 | Avoiding and minimising impacts on Aboriginal heritage | Detailed design and construction planning would avoid direct impacts on identified items/sites of Aboriginal heritage significance as far as reasonably practicable.<br><br>The location of construction compounds and associated access routes would not be located in areas of medium or high archaeological potential.  |
| AH2 | Management of salvaged items                           | <ul style="list-style-type: none"> <li>A detailed salvage methodology would be prepared by a suitably qualified archaeologist in consultation with relevant registered Aboriginal parties. The methodology would be included in the Aboriginal cultural heritage management plan (mitigation measure <del>AH8</del> <b>AH10</b>) to ensure any artefacts salvaged are managed in accordance with the requirements of the <i>National Parks and Wildlife Act 1974</i>.</li> <li>The methodology would include the process for consultation with the Department of Planning, Industry and Environment <b>Heritage NSW</b> and registered Aboriginal Parties in accordance with the <i>Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW</i> (DECCW, 2010b) the <i>Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010</i> (DECCW, 2010a), and the <i>Guide to investigating, assessing and reporting on Aboriginal cultural</i></li> </ul> |

| REF | Issue/impact                 | Mitigation measures   |
|-----|------------------------------|---|
|     |                              | <p><i>heritage in NSW</i> (OEH, 2011). It would also include requirements in relation to the management of, and care and control plans for, salvaged objects.</p> <ul style="list-style-type: none"> <li>Registered Aboriginal parties would be engaged to assist in the salvage, which would be managed by an appropriately qualified archaeologist engaged to support the process.</li> <li>Detailed analysis and reporting of cultural material collected would be provided to the Department of Planning, Industry and Environment.</li> </ul>  |
| AH3 | Management of salvaged items | <p>Prior to construction, a targeted archaeological survey would be undertaken for areas identified as culturally sensitive requiring further investigation, including:</p> <ul style="list-style-type: none"> <li>Wallaby Creek</li> <li>Ewenmar Creek</li> <li>Marthaguy Creek</li> <li>Castlereagh River</li> <li>Gulargambone Creek</li> <li>Tenandra Creek</li> <li>Baradine Creek</li> <li>Namoi River</li> <li>Mungery Creek</li> <li>Caleriwi Creek.</li> </ul> <p>In addition, a targeted archaeological survey would be undertaken at the location of the Narromine North temporary workforce accommodation.</p> <p>The targeted survey would be undertaken with registered Aboriginal parties in accordance with the <i>Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales</i> (DECCW, 2010b).</p> <p>Additional mitigation and management measures would be developed, in consultation with the registered Aboriginal parties, for areas or items of Aboriginal cultural heritage significance identified during the targeted survey. The additional measures would be included in the Aboriginal cultural heritage management plan (mitigation measure AH8 AH10).</p> <p>If additional sites or items are identified that cannot be avoided, salvage of artefacts would be undertaken prior to construction in accordance with the salvage methodology (mitigation measure AH2).</p> |
| AH4 |                              | <ul style="list-style-type: none"> <li>A pre-construction survey would be undertaken to confirm the locations of the previously listed AHIMS sites that could not be located during the site survey.</li> <li>Surveys would be undertaken with registered Aboriginal parties in accordance with the <i>Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales</i> (DECCW, 2010b).</li> <li>If the sites are located, impacts would be avoided as far as practicable and protection measures put in place in</li> </ul>  |

| REF | Issue/impact                     | Mitigation measures   |
|-----|----------------------------------|---|
|     |                                  | <p>accordance with the Aboriginal cultural heritage management plan (mitigation measure AH8 AH10).</p> <ul style="list-style-type: none"> <li>Any sites with the potential to be impacted would be managed in accordance with the salvage methodology (mitigation measure AH2).</li> </ul>  |
| AH5 | Impacts on PADs                  | <p>Detailed archaeological investigations would be undertaken at the following six PADs that may be directly impacted by the proposal:</p> <ul style="list-style-type: none"> <li>Ewenmar Creek 27-6-0036</li> <li>Castlereagh River 28-4-0280 (and associated artefact scatter)</li> <li>Gulargambone Creek 28-1-0060 and 28-1-0090 (and associated artefact scatter)</li> <li>Calga and Looking Glass creeks 28-1-0059 (and associated artefact scatter)</li> <li>Baradine Creek 19-5-0230.</li> </ul> <p>Sub-surface archaeological test excavations would be undertaken to confirm the nature (and extent, if verified) of any archaeological deposits. The test excavations would be carried out in accordance with the approved methodology prepared for the proposal.</p> <p>If test excavation confirms that the PAD has heritage significance and has the potential to be impacted by the proposal, the site would be managed in consultation with the <del>DPIE</del> <b>Heritage NSW</b> and registered Aboriginal parties. If salvage is required it would be managed in accordance with the agreed salvage methodology (mitigation measure AH2).</p> |
| AH6 | Direct impacts on modified trees | <p><b>Field validation of the following modified trees would be undertaken prior to construction in accordance with the <i>Aboriginal scarred trees in New South Wales: A field manual</i> (DEC, 2005):</b></p> <ul style="list-style-type: none"> <li>Backwater Cowal 35-3-0175</li> <li>Ewenmar Creek 27-6-0035</li> <li>Boothaguy Creek <b>27-6-0042</b>, <del>27-6-0037</del> and <del>27-6-0041</del></li> <li>Baronne Creek 28-1-0062, 28-1-0063 and 28-1-0064</li> <li>Mungery Creek 28-1-0083, 28-1-0084, 28-1-0086 and 28-1-0087.</li> </ul> <p><b>Impacts on the following modified trees those trees confirmed to be scarred trees would be avoided as far as practicable.</b></p> <p>If impacts are unavoidable, the tree would be photographed and catalogued prior to removal, in consultation with the registered Aboriginal parties, by an appropriately qualified archaeologist.</p> <p>The salvaged artefacts would be managed in accordance with the salvage methodology.</p>  |
| AH7 | Direct impacts on modified trees | <p><b>The following modified trees would be protected in situ:</b></p> <ul style="list-style-type: none"> <li>Boothaguy Creek ST6 (AHIMS ID 27-6-0042)</li> <li>Berida Road ST1 (28-4-0283).</li> </ul> <p><b>During detailed design ARTC would identify opportunities to reduce or remove the need for drainage protection works in the vicinity of these trees.</b></p>   |



| REF  | Issue/impact  | Mitigation measures  |
|------|---|--|
| AH8  | Impacts on artefact scatters  | <p>Surface collection (salvage) of the following artefact scatters would occur prior to construction in accordance with the approved salvage methodology:</p> <ul style="list-style-type: none"> <li>• Macquarie River 35-3-0276</li> <li>• Castlereagh River 28-4-0280</li> <li>• Gulargambone Creek 28-1-0090 and 28-1-0060</li> <li>• Calga and Looking Glass Creek 28-1-0059 and 28-1-0095</li> <li>• Noonbar Creek 28-1-0096</li> <li>• Baradine Creek 19-5-0226</li> <li>• Bohena Creek 19-6-0180.</li> </ul> <p>No artefacts located outside the impact area should be salvaged and they should remain in-situ.</p>   |
| AH9  | Aboriginal heritage survey of biodiversity offset sites                   | <p>Once biodiversity offset sites are secured (in accordance with mitigation measure BD4) an Aboriginal heritage survey of representative locations within the offset sites would be undertaken to record any Aboriginal sites present for future records of Aboriginal land use occupation and identify appropriate management strategies. The approach to the survey (including selection of representative survey locations) and reporting would be determined in consultation with the registered Aboriginal parties.</p>  |
| AH10 | Protecting Aboriginal heritage and minimising impacts during construction | <p>An Aboriginal cultural heritage management plan would be prepared prior to construction and implemented as part of the CEMP. The plan would include measures to minimise the potential for impacts and manage Aboriginal heritage, including:</p> <ul style="list-style-type: none"> <li>• a salvage methodology (mitigation measure AH2)</li> <li>• an unexpected finds procedure (mitigation measure AH12)</li> <li>• plans and installation procedures for fencing and protective coverings</li> <li>• induction package for construction workers and supervisors (mitigation measure AH9 AH11)</li> <li>• erosion and sediment controls in accordance with <i>Managing Urban Stormwater: Soils and construction – Volume 1</i> (Landcom, 2004) to minimise the potential for erosion impacts to Aboriginal sites located close to watercourses/drainage lines</li> <li>• measures to manage the potential for impacts to potential Aboriginal heritage items (including burial sites) located in sensitive landscapes (such as alluvium landscapes)</li> <li>• measures to protect sites close to the proposal site from inadvertent impacts</li> <li>• measures to minimise and mitigate potential impacts to plant species that hold medicinal and food value (guided by a cultural plant survey)</li> <li>• outcomes of further investigations (mitigation measures AH3 and AH4).</li> </ul> |

| REF         | Issue/impact  | Mitigation measures  |
|-------------|---|--|
|             |   | <ul style="list-style-type: none"> <li>The plan would be prepared in consultation with registered Aboriginal parties and <del>the Department of Planning, Industry and the Environment</del> <b>Heritage NSW</b>.</li> </ul>   |
| <b>AH11</b> |   | A requirement for cultural and historic heritage awareness training would be included in the Aboriginal cultural heritage management plan. Cultural heritage awareness training would be provided by an Aboriginal representative at the commencement of substantial works for the proposal.   |
| <b>AH12</b> | Unexpected finds  | An unexpected finds procedure would be developed and included in the Aboriginal cultural heritage management plan ( <b>mitigation measure AH10</b> ) to provide a consistent method for managing any unexpected Aboriginal heritage items discovered during construction, including potential heritage items or objects, and human skeletal remains. The procedure would define the requirements for managing any human skeletal remains discovered during construction in accordance with measure NAH8. |
| <b>AH13</b> | Impacts on Aboriginal cultural values at Etoo Creek 19-5-0239 | <ul style="list-style-type: none"> <li>Prior to construction commencing, and once rehabilitation is complete, a smoking ceremony would be undertaken at the location of Etoo Creek 19-5-0239.</li> <li>Prior to construction commencing the age of the culturally modified (scarred) tree would be verified by an arborist.</li> </ul>   |

## 6. References

DECCW (2010a). *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*. Department of Environment, Climate Change and Water.

DECCW (2010b). *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW*. Department of Environment, Climate Change and Water.

JacobsGHD (2020a). *Inland Rail Narromine to Narrabri Environmental Impact Statement*. ARTC.

JacobsGHD (2020b). *Inland Rail – Narromine to Narrabri Aboriginal Cultural Heritage Assessment*. ARTC.

JacobsGHD (2021a). *Inland Rail Narromine to Narrabri Preferred Infrastructure / Amendment Report* (JacobsGHD, 2021a). ARTC.

JacobsGHD (2021b). *Inland Rail Narromine to Narrabri Response to Submissions Report*. ARTC.

Landcom (2004). *Managing Urban Stormwater: Soils and construction – Volume 1*. Landcom

OEH (2011). *Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW*. Office of Environment and Heritage.

# APPENDICES

## NARROMINE TO NARRABRI PROJECT

ARTC

INLAND  
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# APPENDIX

# A

## Extensive AHIMS search (December 2021)

NARROMINE TO NARRABRI PROJECT



# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1A

Client Service ID : 596296

| SiteID    | SiteName                       | Datum            | Zone  | Easting | Northing | Context   | Site Status | SiteFeatures   | SiteTypes              | Reports |
|-----------|--------------------------------|------------------|---|---------|----------|-----------|-------------|--|------------------------|---------|
| 35-3-0140 | N-ST-1                         | AGD              | 55  | 617010  | 6430650  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-                    | Scarred Tree           | 4340    |
|           | <b>Contact</b>                 | <b>Recorders</b> | Central West Archaeological and Heritage Services Pty Ltd                   |         |          |           |             | <b>Permits</b>   |                        |         |
| 36-1-0155 | Yarraba Ck;                    | AGD              | 55  | 621650  | 6441700  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-                    | Scarred Tree           | 1333    |
|           | <b>Contact</b>                 | <b>Recorders</b> | Warren Bluff  |         |          |           |             | <b>Permits</b>   |                        |         |
| 35-3-0019 | Webb's Siding Canoe Tree 2     | AGD              | 55  | 623295  | 6430572  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    | Scarred Tree           |         |
|           | <b>Contact</b>                 | <b>Recorders</b> | Sabu Dunn   |         |          |           |             | <b>Permits</b>   |                        |         |
| 35-3-0274 | Backwater Cowal PAD1           | GDA              | 55  | 621054  | 6429708  | Open site | Valid       | Artefact : -, Potential<br>Archaeological<br>Deposit (PAD) : - |                        |         |
|           | <b>Contact</b>                 | <b>Recorders</b> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts                |         |          |           |             | <b>Permits</b>   |                        |         |
| 35-3-0275 | MRN AS3 and PAD                | GDA              | 55  | 621689  | 6432475  | Open site | Valid       | Artefact : -, Potential<br>Archaeological<br>Deposit (PAD) : - |                        |         |
|           | <b>Contact</b>                 | <b>Recorders</b> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts                |         |          |           |             | <b>Permits</b>   |                        |         |
| 35-3-0032 | Wynsley Lane;Mitchell Highway; | AGD              | 55  | 624231  | 6430465  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>2                    | Scarred Tree           | 578     |
|           | <b>Contact</b>                 | <b>Recorders</b> | P McKenzie  |         |          |           |             | <b>Permits</b>   |                        |         |
| 35-3-0079 | Mitchell Highway 16            | GDA              | 55  | 622942  | 6430969  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>6                    | Scarred Tree           | 1333    |
|           | <b>Contact</b>                 | <b>Recorders</b> | Warren Bluff,OzArk Environmental and Heritage Management,Mr.Harrison Rochfo |         |          |           |             | <b>Permits</b>   |                        |         |
| 35-3-0080 | Mitchell Highway 17            | AGD              | 55  | 624000  | 6430500  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>5                    | Scarred Tree           | 1333    |
|           | <b>Contact</b>                 | <b>Recorders</b> | Warren Bluff  |         |          |           |             | <b>Permits</b>   |                        |         |
| 35-3-0081 | Mitchell Highway 18            | AGD              | 55  | 623900  | 6430500  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    | Scarred Tree           | 1333    |
|           | <b>Contact</b>                 | <b>Recorders</b> | Warren Bluff  |         |          |           |             | <b>Permits</b>   |                        |         |
| 35-3-0004 | Acton;Narromine;               | AGD              | 55  | 620150  | 6433242  | Open site | Valid       | Grinding Groove : -  | Axe Grinding<br>Groove |         |
|           | <b>Contact</b>                 | <b>Recorders</b> | Unknown Author  |         |          |           |             | <b>Permits</b>   |                        |         |

Report generated by AHIMS Web Service on 03/06/2021 for Alison Lamond for the following area at Search using shape-file NSW\_N2N\_InvestigationCorridor\_Phase\_2\_AOI\_1a.SHP with a buffer of 0 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 118

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1A

Client Service ID : 596296

| SiteID    | SiteName                        | Datum | Zone | Easting | Northing | Context   | Site Status | SiteFeatures  | SiteTypes               | Reports |
|-----------|---------------------------------|-------|------|---------|----------|-----------|-------------|---|-------------------------|---------|
| 35-3-0011 | Narromine                       | AGD   | 55   | 616948  | 6427656  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-, Burial : - | Burial/s,Carved<br>Tree | 65      |
|           | <u>Contact</u>                  |       |      |         |          |           |             |   |                         |         |
|           | <u>Recorders</u>                |       |      |         |          |           |             |   |                         |         |
| 35-3-0014 | Woodlands                       | AGD   | 55   | 624205  | 6433206  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-             | Carved Tree             | 65,1320 |
|           | <u>Contact</u>                  |       |      |         |          |           |             |   |                         |         |
|           | <u>Recorders</u>                |       |      |         |          |           |             |   |                         |         |
| 35-3-0145 | MD36                            | AGD   | 55   | 618870  | 6430530  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-             |                         |         |
|           | <u>Contact</u>                  |       |      |         |          |           |             |   |                         |         |
|           | <u>Recorders</u>                |       |      |         |          |           |             |   |                         |         |
| 35-3-0020 | Webb's Siding 2                 | AGD   | 55   | 623047  | 6430607  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1             | Scarred Tree            |         |
|           | <u>Contact</u>                  |       |      |         |          |           |             |   |                         |         |
|           | <u>Recorders</u>                |       |      |         |          |           |             |   |                         |         |
| 35-3-0021 | Webb's Siding Canoe Tree 4      | AGD   | 55   | 621666  | 6431172  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1             | Scarred Tree            | 102792  |
|           | <u>Contact</u>                  |       |      |         |          |           |             |   |                         |         |
|           | <u>Recorders</u>                |       |      |         |          |           |             |   |                         |         |
| 35-3-0022 | Siding Canoe Tree/Webb's Siding | GDA   | 55   | 623906  | 6430651  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1             | Scarred Tree            |         |
|           | <u>Contact</u>                  |       |      |         |          |           |             |   |                         |         |
|           | <u>Recorders</u>                |       |      |         |          |           |             |   |                         |         |
| 35-3-0283 | MRST6                           | GDA   | 55   | 621258  | 6431560  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-             |                         |         |
|           | <u>Contact</u>                  |       |      |         |          |           |             |   |                         |         |
|           | <u>Recorders</u>                |       |      |         |          |           |             |   |                         |         |
| 35-3-0276 | MRN AS6                         | GDA   | 55   | 622176  | 6432336  | Open site | Valid       | Artefact : -  |                         |         |
|           | <u>Contact</u>                  |       |      |         |          |           |             |   |                         |         |
|           | <u>Recorders</u>                |       |      |         |          |           |             |   |                         |         |
| 35-3-0174 | TNWP-ST18                       | AGD   | 55   | 621985  | 6427312  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1             |                         |         |
|           | <u>Contact</u>                  |       |      |         |          |           |             |   |                         |         |
|           | <u>Recorders</u>                |       |      |         |          |           |             |   |                         |         |
| 35-3-0175 | TNWP-ST19                       | AGD   | 55   | 621923  | 6427311  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1             |                         |         |
|           | <u>Contact</u>                  |       |      |         |          |           |             |   |                         |         |
|           | <u>Recorders</u>                |       |      |         |          |           |             |   |                         |         |

Report generated by AHIMS Web Service on 03/06/2021 for Alison Lamond for the following area at Search using shape-file NSW\_N2N\_InvestigationCorridor\_Phase\_2\_AOI\_1a.SHP with a buffer of 0 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 118

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1A

Client Service ID : 596296

| SiteID    | SiteName          | Datum | Zone | Easting | Northing | Context   | Site Status | SiteFeatures   | SiteTypes | Reports        |
|-----------|-------------------|-------|------|---------|----------|-----------|-------------|--|-----------|----------------|
| 35-3-0176 | TNWP-ST20         | AGD   | 55   | 621925  | 6426951  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    |           |                |
|           | <u>Contact</u>    |       |      |         |          |           |             |  |           | <u>Permits</u> |
| 35-3-0177 | TNWP-ST21         | AGD   | 55   | 621828  | 6426366  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    |           |                |
|           | <u>Contact</u>    |       |      |         |          |           |             |  |           | <u>Permits</u> |
| 35-3-0179 | TNWP-ST23         | AGD   | 55   | 621737  | 6425766  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    |           |                |
|           | <u>Contact</u>    |       |      |         |          |           |             |  |           | <u>Permits</u> |
| 35-3-0180 | TNWP-ST24         | AGD   | 55   | 619467  | 6424356  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    |           |                |
|           | <u>Contact</u>    |       |      |         |          |           |             |  |           | <u>Permits</u> |
| 35-3-0181 | TNWP-ST25         | AGD   | 55   | 619386  | 6424375  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    |           |                |
|           | <u>Contact</u>    |       |      |         |          |           |             |  |           | <u>Permits</u> |
| 35-3-0182 | TNWP-ST26         | AGD   | 55   | 618563  | 6424489  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    |           |                |
|           | <u>Contact</u>    |       |      |         |          |           |             |  |           | <u>Permits</u> |
| 35-3-0183 | TNWP-ST27         | AGD   | 55   | 617840  | 6424831  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    |           |                |
|           | <u>Contact</u>    |       |      |         |          |           |             |  |           | <u>Permits</u> |
| 35-3-0184 | TNWP-ST28         | AGD   | 55   | 617250  | 6424944  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    |           |                |
|           | <u>Contact</u>    |       |      |         |          |           |             |  |           | <u>Permits</u> |
| 35-3-0186 | TNWP-ST30         | AGD   | 55   | 616357  | 6424080  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    |           |                |
|           | <u>Contact</u>    |       |      |         |          |           |             |  |           | <u>Permits</u> |
| 35-3-0159 | TNWP-OS1 with PAD | AGD   | 55   | 624398  | 6431248  | Open site | Valid       | Artefact : 1, Potential<br>Archaeological<br>Deposit (PAD) : - |           |                |
|           | <u>Contact</u>    |       |      |         |          |           |             |  |           | <u>Permits</u> |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1A

Client Service ID : 596296

| SiteID    | SiteName                                       | Datum | Zone | Easting | Northing | Context   | Site Status            | SiteFeatures   | SiteTypes      | Reports |
|-----------|--|-------|------|---------|----------|-----------|------------------------|--|----------------|---------|
| 35-3-0171 | TNWP-ST15                                      | AGD   | 55   | 623925  | 6430436  | Open site | Valid                  | Modified Tree<br>(Carved or Scarred) :<br>1                    |                | 102792  |
|           | <u>Contact</u>                                 |       |      |         |          |           |                        |  | <u>Permits</u> |         |
| 35-3-0172 | TNWP-ST16                                      | AGD   | 55   | 623929  | 6430430  | Open site | Valid                  | Modified Tree<br>(Carved or Scarred) :<br>1                    |                | 102792  |
|           | <u>Contact</u>                                 |       |      |         |          |           |                        |  | <u>Permits</u> |         |
| 35-3-0173 | TNWP-ST17                                      | AGD   | 55   | 622169  | 6428427  | Open site | Valid                  | Modified Tree<br>(Carved or Scarred) :<br>1                    |                |         |
|           | <u>Contact</u>                                 |       |      |         |          |           |                        |  | <u>Permits</u> |         |
| 35-3-0193 | Narromine Scarred Tree                         | GDA   | 55   | 618713  | 6432416  | Open site | Valid                  | Modified Tree<br>(Carved or Scarred) :<br>1                    |                |         |
|           | <u>Contact</u>                                 |       |      |         |          |           |                        |  | <u>Permits</u> |         |
| 35-3-0194 | Dubbo-Narromine open site 1 PAD                | GDA   | 55   | 623702  | 6430790  | Open site | Partially<br>Destroyed | Artefact : 1, Potential<br>Archaeological<br>Deposit (PAD) : 1 |                |         |
|           | <u>Contact</u>                                 |       |      |         |          |           |                        |  | <u>Permits</u> | 3548    |
| 35-3-0208 | GDM 3  | GDA   | 55   | 614423  | 6430236  | Open site | Valid                  | Artefact : 1   |                |         |
|           | <u>Contact</u>                                 |       |      |         |          |           |                        |  | <u>Permits</u> |         |
| 35-3-0199 | Dubbo To Narromine ETL Scarred Tree 1 (DN-ST1) | GDA   | 55   | 620623  | 6431519  | Open site | Valid                  | Modified Tree<br>(Carved or Scarred) :<br>1                    |                |         |
|           | <u>Contact</u>                                 |       |      |         |          |           |                        |  | <u>Permits</u> |         |
| 35-3-0200 | Dubbo To Narromine ETL Scarred Tree 2 (DN-ST2) | GDA   | 55   | 622574  | 6431206  | Open site | Valid                  | Modified Tree<br>(Carved or Scarred) :<br>1                    |                |         |
|           | <u>Contact</u>                                 |       |      |         |          |           |                        |  | <u>Permits</u> |         |
| 35-3-0201 | Dubbo To Narromine ETL Scarred Tree 3 (DN-ST3) | GDA   | 55   | 623733  | 6430695  | Open site | Valid                  | Modified Tree<br>(Carved or Scarred) :<br>1                    |                |         |
|           | <u>Contact</u>                                 |       |      |         |          |           |                        |  | <u>Permits</u> |         |
| 35-3-0202 | Dubbo To Narromine ETL Scarred Tree 4 (DN-ST4) | GDA   | 55   | 623906  | 6430651  | Open site | Valid                  | Modified Tree<br>(Carved or Scarred) :<br>1                    |                |         |
|           | <u>Contact</u>                                 |       |      |         |          |           |                        |  | <u>Permits</u> |         |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1A

Client Service ID : 596296

| SiteID    | SiteName   | Datum            | Zone  | Easting | Northing | Context   | Site Status | SiteFeatures   | SiteTypes | Reports |
|-----------|--|------------------|---|---------|----------|-----------|-------------|--|-----------|---------|
| 35-3-0205 | Dubbo To Narromine ETL Scarred Tree 7 (DN-ST7)                   | GDA              | 55  | 624134  | 6430569  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    |           |         |
|           | <u>Contact</u>   | <u>Recorders</u> | OzArk Environmental and Heritage Management                       |         |          |           |             | <u>Permits</u>   |           |         |
| 35-3-0196 | DUBBO - NARROMINE OPEN SITE 1 PAD                                | GDA              | 55  | 623702  | 6430790  | Open site | Valid       | Artefact : 1, Potential<br>Archaeological<br>Deposit (PAD) : 1 |           |         |
|           | <u>Contact</u>   | <u>Recorders</u> | OzArk Environmental and Heritage Management                       |         |          |           |             | <u>Permits</u>   |           |         |
| 35-3-0195 | DUBBO - NARROMINE OPEN SITE1 PAD                                 | GDA              | 55  | 623702  | 6430790  | Open site | Valid       | Artefact : 1   |           |         |
|           | <u>Contact</u>   | <u>Recorders</u> | OzArk Environmental and Heritage Management                       |         |          |           |             | <u>Permits</u>   |           |         |
| 35-3-0206 | GDM 1  | GDA              | 55  | 614373  | 6429946  | Open site | Valid       | Artefact : 1   |           |         |
|           | <u>Contact</u>   | <u>Recorders</u> | Cultural Heritage Connections Pty Ltd,Mr.Benjamin Streat          |         |          |           |             | <u>Permits</u>   |           |         |
| 35-3-0207 | GDM 2  | GDA              | 55  | 614370  | 6430118  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    |           |         |
|           | <u>Contact</u>   | <u>Recorders</u> | Cultural Heritage Connections Pty Ltd,Mr.Benjamin Streat          |         |          |           |             | <u>Permits</u>   |           |         |
| 35-3-0213 | Macquarie-OS1 Reburial   | GDA              | 55  | 621225  | 6427848  | Open site | Valid       | Artefact : -   |           |         |
|           | <u>Contact</u>   | <u>Recorders</u> | OzArk Environmental and Heritage Management,Miss.Stephanie Rusden |         |          |           |             | <u>Permits</u>   |           |         |
| 35-3-0210 | Webbs Siding Road – Road Upgrade – Scarred Tree 3<br>(WS-RU-ST3) | GDA              | 55  | 622414  | 6430657  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-                    |           |         |
|           | <u>Contact</u>   | <u>Recorders</u> | OzArk Environmental and Heritage Management,Doctor.Chris Lovell   |         |          |           |             | <u>Permits</u>   |           |         |
| 35-3-0211 | Webbs Siding Road – Road Upgrade – Scarred Tree 6<br>(WS-RU-ST6) | GDA              | 55  | 623048  | 6430506  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-                    |           |         |
|           | <u>Contact</u>   | <u>Recorders</u> | OzArk Environmental and Heritage Management,Doctor.Chris Lovell   |         |          |           |             | <u>Permits</u>   |           |         |
| 35-3-0212 | Webbs Siding Road – Road Upgrade – Scarred Tree 5<br>(WS-RU-ST5) | GDA              | 55  | 621959  | 6430814  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-                    |           |         |
|           | <u>Contact</u>   | <u>Recorders</u> | OzArk Environmental and Heritage Management,Doctor.Chris Lovell   |         |          |           |             | <u>Permits</u>   |           |         |
| 35-3-0241 | MRST35   | GDA              | 55  | 622058  | 6431941  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-                    |           |         |
|           | <u>Contact</u>   | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts      |         |          |           |             | <u>Permits</u>   |           |         |
| 35-3-0242 | MRN AS5  | GDA              | 55  | 621908  | 6432275  | Open site | Valid       | Artefact : -   |           |         |
|           | <u>Contact</u>   | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts      |         |          |           |             | <u>Permits</u>   |           |         |
| 35-3-0243 | MRN AS4  | GDA              | 55  | 621546  | 6432625  | Open site | Valid       | Artefact : -   |           |         |
|           | <u>Contact</u>   | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts      |         |          |           |             | <u>Permits</u>   |           |         |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1A

Client Service ID : 596296

| SiteID    | SiteName        | Datum | Zone | Easting | Northing | Context   | Site Status | SiteFeatures                                | SiteTypes | Reports |
|-----------|-----------------|-------|------|---------|----------|-----------|-------------|---|-----------|---------|
| 35-3-0244 | MRST29          | GDA   | 55   | 622207  | 6431375  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>  |       |      |         |          |           |             |   |           |         |
| 35-3-0245 | MR Shelter Tree | GDA   | 55   | 622058  | 6431918  | Open site | Valid       | Habitation Structure<br>: -                 |           |         |
|           | <u>Contact</u>  |       |      |         |          |           |             |   |           |         |
| 35-3-0246 | MRST36          | GDA   | 55   | 622261  | 6431309  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>  |       |      |         |          |           |             |   |           |         |
| 35-3-0247 | MRST34          | GDA   | 55   | 621623  | 6431666  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>  |       |      |         |          |           |             |   |           |         |
| 35-3-0248 | MRST33          | GDA   | 55   | 621939  | 6431555  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>  |       |      |         |          |           |             |   |           |         |
| 35-3-0249 | MRST32          | GDA   | 55   | 621918  | 6431545  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>  |       |      |         |          |           |             |   |           |         |
| 35-3-0250 | MRST31          | GDA   | 55   | 622138  | 6431341  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>  |       |      |         |          |           |             |   |           |         |
| 35-3-0251 | MR ASD1         | GDA   | 55   | 623468  | 6432923  | Open site | Valid       | Artefact : -                                |           |         |
|           | <u>Contact</u>  |       |      |         |          |           |             |   |           |         |
| 35-3-0252 | MRW1            | GDA   | 55   | 621050  | 6433035  | Open site | Valid       | Artefact : -                                |           |         |
|           | <u>Contact</u>  |       |      |         |          |           |             |   |           |         |
| 35-3-0253 | MRST37          | GDA   | 55   | 622565  | 6431213  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>  |       |      |         |          |           |             |   |           |         |
| 35-3-0254 | MRST30          | GDA   | 55   | 622139  | 6431382  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>  |       |      |         |          |           |             |   |           |         |
|           | <u>Contact</u>  |       |      |         |          |           |             |   |           |         |
|           | <u>Contact</u>  |       |      |         |          |           |             |   |           |         |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1A

Client Service ID : 596296

| SiteID    | SiteName                 | Datum | Zone | Easting | Northing | Context          | Site Status  | SiteFeatures   | SiteTypes | Reports |
|-----------|--------------------------|-------|------|---------|----------|------------------|--|--|-----------|---------|
| 35-3-0255 | MRWST3                   | GDA   | 55   | 621285  | 6432776  | Open site        | Valid  | Modified Tree<br>(Carved or Scarred) :<br>-                    |           |         |
|           | <u>Contact</u>           |       |      |         |          | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts | <u>Permits</u>   |           |         |
| 35-3-0256 | MRW ST1                  | GDA   | 55   | 620586  | 6433434  | Open site        | Valid  | Modified Tree<br>(Carved or Scarred) :<br>-                    |           |         |
|           | <u>Contact</u>           |       |      |         |          | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts | <u>Permits</u>   |           |         |
| 35-3-0257 | Macquarie River Crossing | GDA   | 55   | 622453  | 6431660  | Open site        | Valid  | Aboriginal Ceremony<br>and Dreaming : -                        |           |         |
|           | <u>Contact</u>           |       |      |         |          | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts | <u>Permits</u>   |           |         |
| 35-3-0258 | MRN AS2                  | GDA   | 55   | 620436  | 6433476  | Open site        | Valid  | Artefact : -   |           |         |
|           | <u>Contact</u>           |       |      |         |          | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts | <u>Permits</u>   |           |         |
| 35-3-0259 | MRN AS1                  | GDA   | 55   | 620542  | 6433468  | Open site        | Valid  | Artefact : -   |           |         |
|           | <u>Contact</u>           |       |      |         |          | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts | <u>Permits</u>   |           |         |
| 35-3-0260 | MR PAD 1                 | GDA   | 55   | 621981  | 6431805  | Open site        | Valid  | Artefact : -, Potential<br>Archaeological<br>Deposit (PAD) : - |           |         |
|           | <u>Contact</u>           |       |      |         |          | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts | <u>Permits</u>   |           |         |
| 35-3-0261 | MRNOQ1                   | GDA   | 55   | 620428  | 6433532  | Open site        | Valid  | Ochre Quarry : -   |           |         |
|           | <u>Contact</u>           |       |      |         |          | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts | <u>Permits</u>   |           |         |
| 35-3-0262 | MRNST2                   | GDA   | 55   | 621493  | 6432634  | Open site        | Valid  | Modified Tree<br>(Carved or Scarred) :<br>-                    |           |         |
|           | <u>Contact</u>           |       |      |         |          | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts | <u>Permits</u>   |           |         |
| 35-3-0263 | BCST8                    | GDA   | 55   | 620867  | 6429600  | Open site        | Valid  | Modified Tree<br>(Carved or Scarred) :<br>-                    |           |         |
|           | <u>Contact</u>           |       |      |         |          | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts | <u>Permits</u>   |           |         |
| 35-3-0264 | BCST9                    | GDA   | 55   | 620829  | 6429603  | Open site        | Valid  | Modified Tree<br>(Carved or Scarred) :<br>-                    |           |         |
|           | <u>Contact</u>           |       |      |         |          | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts | <u>Permits</u>   |           |         |
| 35-3-0265 | BCST1                    | GDA   | 55   | 621258  | 6431560  | Open site        | Valid  | Modified Tree<br>(Carved or Scarred) :<br>-                    |           |         |
|           | <u>Contact</u>           |       |      |         |          | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts | <u>Permits</u>   |           |         |

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## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1A

Client Service ID : 596296

| SiteID    | SiteName            | Datum | Zone | Easting | Northing | Context   | Site Status | SiteFeatures                                | SiteTypes | Reports |
|-----------|---------------------|-------|------|---------|----------|-----------|-------------|---|-----------|---------|
| 35-3-0266 | BCST5               | GDA   | 55   | 620892  | 6429544  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |           |         |
| 35-3-0267 | BCST2               | GDA   | 55   | 622050  | 6427193  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |           |         |
| 35-3-0268 | BCST3               | GDA   | 55   | 622024  | 6427172  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |           |         |
| 35-3-0269 | BCST4               | GDA   | 55   | 622035  | 6427151  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |           |         |
| 35-3-0270 | BCST6               | GDA   | 55   | 621180  | 6429772  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |           |         |
| 35-3-0271 | Backwater Cowal ST7 | GDA   | 55   | 620895  | 6429605  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |           |         |
| 35-3-0272 | MRW AS2             | GDA   | 55   | 620309  | 6433122  | Open site | Valid       | Artefact : -                                |           |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |           |         |
| 35-3-0273 | MRNST               | GDA   | 55   | 621119  | 6433186  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |           |         |
| 35-3-0240 | MRST1               | GDA   | 55   | 621387  | 6431671  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |           |         |
| 35-3-0281 | MRNST3              | GDA   | 55   | 622783  | 6432798  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |           |         |

Report generated by AHIMS Web Service on 03/06/2021 for Alison Lamond for the following area at Search using shape-file NSW\_N2N\_InvestigationCorridor\_Phase\_2\_AOI\_1a.SHP with a buffer of 0 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 118

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1A

Client Service ID : 596296

| SiteID    | SiteName       | Datum | Zone | Easting | Northing | Context   | Site Status | SiteFeatures                                | SiteTypes | Reports |
|-----------|----------------|-------|------|---------|----------|-----------|-------------|---|-----------|---------|
| 35-3-0282 | MRNST4         | GDA   | 55   | 622858  | 6432284  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0233 | MRST22         | GDA   | 55   | 622374  | 6431376  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0234 | MRST23         | GDA   | 55   | 622296  | 6431288  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0235 | MRST24         | GDA   | 55   | 622294  | 6431279  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0236 | MRST28         | GDA   | 55   | 622235  | 6431382  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0237 | MRST25         | GDA   | 55   | 622248  | 6431316  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0238 | MRST26         | GDA   | 55   | 622256  | 6431386  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0239 | MRST27         | GDA   | 55   | 622246  | 6431378  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0214 | MRST20         | GDA   | 55   | 622349  | 6431318  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0215 | MRST19         | GDA   | 55   | 622305  | 6431282  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |

Report generated by AHIMS Web Service on 03/06/2021 for Alison Lamond for the following area at Search using shape-file NSW\_N2N\_InvestigationCorridor\_Phase\_2\_AOI\_1a.SHP with a buffer of 0 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 118

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1A

Client Service ID : 596296

| SiteID    | SiteName       | Datum | Zone | Easting | Northing | Context   | Site Status | SiteFeatures                                | SiteTypes | Reports |
|-----------|----------------|-------|------|---------|----------|-----------|-------------|---|-----------|---------|
| 35-3-0216 | MRST18         | GDA   | 55   | 622505  | 6431282  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0217 | MRST17         | GDA   | 55   | 622508  | 6431303  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0218 | MRST2          | GDA   | 55   | 621586  | 6431728  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0219 | MRST3          | GDA   | 55   | 621685  | 6431722  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0220 | MRST5          | GDA   | 55   | 621795  | 6431757  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0221 | MRST4          | GDA   | 55   | 621795  | 6431721  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0222 | MRST7          | GDA   | 55   | 621821  | 6431754  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0223 | MRST8          | GDA   | 55   | 621863  | 6431770  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0224 | MRST9          | GDA   | 55   | 621902  | 6431689  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |
| 35-3-0225 | MRST10         | GDA   | 55   | 622116  | 6431882  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u> |       |      |         |          |           |             |   |           |         |

Report generated by AHIMS Web Service on 03/06/2021 for Alison Lamond for the following area at Search using shape-file NSW\_N2N\_InvestigationCorridor\_Phase\_2\_AOI\_1a.SHP with a buffer of 0 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 118

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1A

Client Service ID : 596296

| SiteID    | SiteName                            | Datum | Zone | Easting | Northing | Context   | Site Status | SiteFeatures                                     | SiteTypes | Reports |
|-----------|-------------------------------------|-------|------|---------|----------|-----------|-------------|--|-----------|---------|
| 35-3-0226 | MRST11                              | GDA   | 55   | 622406  | 6431659  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <a href="#">Contact</a>             |       |      |         |          |           |             |  |           |         |
| 35-3-0227 | MRST13                              | GDA   | 55   | 622613  | 6431246  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <a href="#">Contact</a>             |       |      |         |          |           |             |  |           |         |
| 35-3-0228 | MRST12                              | GDA   | 55   | 622667  | 6431286  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <a href="#">Contact</a>             |       |      |         |          |           |             |  |           |         |
| 35-3-0229 | MRST14                              | GDA   | 55   | 622602  | 6431241  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <a href="#">Contact</a>             |       |      |         |          |           |             |  |           |         |
| 35-3-0230 | MRST15                              | GDA   | 55   | 622700  | 6431221  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <a href="#">Contact</a>             |       |      |         |          |           |             |  |           |         |
| 35-3-0231 | MRST16                              | GDA   | 55   | 622565  | 6431212  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <a href="#">Contact</a>             |       |      |         |          |           |             |  |           |         |
| 35-3-0232 | MRST21                              | GDA   | 55   | 622350  | 6431333  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <a href="#">Contact</a>             |       |      |         |          |           |             |  |           |         |
| 35-3-0278 | Backwater Cowal ASS1                | GDA   | 55   | 621072  | 6429737  | Open site | Valid       | Artefact : -                                     |           |         |
|           | <a href="#">Contact</a>             |       |      |         |          |           |             |  |           |         |
| 35-3-0279 | Backwater Cowal ASS2                | GDA   | 55   | 621069  | 6429741  | Open site | Valid       | Artefact : -                                     |           |         |
|           | <a href="#">Contact</a>             |       |      |         |          |           |             |  |           |         |
| 35-3-0280 | BCPAD1;                             | GDA   | 55   | 621072  | 6429737  | Open site | Valid       | Potential<br>Archaeological<br>Deposit (PAD) : - |           |         |
|           | <a href="#">Contact</a>             |       |      |         |          |           |             |  |           |         |
| 35-3-0286 | Mitchell Highway Road Reserve ST-01 | GDA   | 55   | 622942  | 6430958  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <a href="#">Contact</a>             |       |      |         |          |           |             |  |           |         |

Report generated by AHIMS Web Service on 03/06/2021 for Alison Lamond for the following area at Search using shape-file NSW\_N2N\_InvestigationCorridor\_Phase\_2\_AOI\_1a.SHP with a buffer of 0 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 118

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1A

Client Service ID : 596296

| SiteID    | SiteName                            | Datum            | Zone   | Easting | Northing | Context   | Site Status | SiteFeatures                                | SiteTypes | Reports |
|-----------|-------------------------------------|------------------|--|---------|----------|-----------|-------------|---|-----------|---------|
| 35-3-0287 | Mitchell Highway Road Reserve ST-02 | GDA              | 55   | 623265  | 6430867  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>                      | <u>Recorders</u> | OzArk Environmental and Heritage Management,Doctor.Alyce Cameron |         |          |           |             | <u>Permits</u>                              |           |         |
| 35-3-0289 | Mitchell Highway Road Reserve ST-04 | GDA              | 55   | 625041  | 6431097  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>                      | <u>Recorders</u> | OzArk Environmental and Heritage Management,Doctor.Alyce Cameron |         |          |           |             | <u>Permits</u>                              |           |         |
| 35-3-0291 | Craigie Lea OS-1                    | GDA              | 55   | 612824  | 6424674  | Open site | Valid       | Artefact : -                                |           |         |
|           | <u>Contact</u>                      | <u>Recorders</u> | OzArk Environmental and Heritage Management,Miss.Taylor Foster   |         |          |           |             | <u>Permits</u>                              |           |         |

Report generated by AHIMS Web Service on 03/06/2021 for Alison Lamond for the following area at Search using shape-file NSW\_N2N\_InvestigationCorridor\_Phase\_2\_AOI\_1a.SHP with a buffer of 0 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 118

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1B

Client Service ID : 596301

| SiteID    | SiteName           | Datum            | Zone   | Easting | Northing | Context     | Site Status | SiteFeatures   | SiteTypes   | Reports |
|-----------|--------------------|------------------|--|---------|----------|-------------|-------------|--|-------------|---------|
| 27-6-0036 | Ewenmar Creek PAD1 | GDA              | 55   | 630365  | 6461514  | Open site   | Valid       | Artefact : -, Potential Archaeological Deposit (PAD) : - |             |         |
|           | <u>Contact</u>     | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |             |             |  |             |         |
| 27-6-0009 | Ewenmor Creek;     | AGD              | 55   | 629416  | 6462494  | Open site   | Valid       | Modified Tree (Carved or Scarred) : -                    | Carved Tree | 65      |
|           | <u>Contact</u>     | <u>Recorders</u> | Australian Museum  |         |          |             |             |  |             |         |
| 27-6-0048 | Ewenmar Creek AS1  | GDA              | 55   | 630028  | 6461546  | Open site   | Valid       | Artefact : -   |             |         |
|           | <u>Contact</u>     | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |             |             |  |             |         |
| 27-6-0035 | Ewenmar Creek ST1  | GDA              | 55   | 630340  | 6461526  | Open site   | Valid       | Modified Tree (Carved or Scarred) : -                    |             |         |
|           | <u>Contact</u>     | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |             |             |  |             |         |
| 27-6-0049 | EC(cache)          | GDA              | 55   | 631432  | 6461818  | Closed site | Valid       | Artefact : -   |             |         |
|           | <u>Contact</u>     | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |             |             |  |             |         |
| 27-6-0050 | Ewenmar Creek ST2  | GDA              | 55   | 630394  | 6461521  | Open site   | Valid       | Modified Tree (Carved or Scarred) : -                    |             |         |
|           | <u>Contact</u>     | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |             |             |  |             |         |

Report generated by AHIMS Web Service on 03/06/2021 for Alison Lamond for the following area at Search using shape-file NSW\_N2N\_InvestigationCorridor\_Phase\_2\_AOI\_1b.SHP with a buffer of 0 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 6

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1C

Client Service ID : 596306

| SiteID    | SiteName             | Datum            | Zone   | Easting | Northing | Context   | Site Status | SiteFeatures                                | SiteTypes | Reports |
|-----------|----------------------|------------------|--|---------|----------|-----------|-------------|---|-----------|---------|
| 27-6-0037 | Boothaguy Creek ST11 | GDA              | 55   | 641088  | 6491715  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>       | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                              |           |         |
| 27-6-0038 | Boothaguy Creek ST10 | GDA              | 55   | 641153  | 6491891  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>       | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                              |           |         |
| 27-6-0039 | Boothaguy Creek ST9  | GDA              | 55   | 641248  | 6492558  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>       | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                              |           |         |
| 27-6-0040 | Boothaguy Creek ST8  | GDA              | 55   | 641162  | 6491916  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>       | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                              |           |         |
| 27-6-0041 | Boothaguy Creek ST7  | GDA              | 55   | 641089  | 6491710  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>       | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                              |           |         |
| 27-6-0042 | Boothaguy Creek ST6  | GDA              | 55   | 640743  | 6489617  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>       | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                              |           |         |
| 27-6-0043 | Boothaguy Creek ST5  | GDA              | 55   | 640205  | 6489753  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>       | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                              |           |         |
| 27-6-0044 | Boothaguy Creek ST4  | GDA              | 55   | 640185  | 6489754  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>       | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                              |           |         |
| 27-6-0045 | Boothaguy Creek ST3  | GDA              | 55   | 640170  | 6489742  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>       | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                              |           |         |
| 27-6-0046 | Boothaguy Creek ST2  | GDA              | 55   | 640185  | 6489730  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>       | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                              |           |         |

Report generated by AHIMS Web Service on 03/06/2021 for Alison Lamond for the following area at Search using shape-file NSW\_N2N\_InvestigationCorridor\_Phase\_2\_AOI\_1c.SHP with a buffer of 0 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 12

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 South 1C

Client Service ID : 596306

| <u>SiteID</u> | <u>SiteName</u>     | <u>Datum</u>     | <u>Zone</u>  | <u>Easting</u> | <u>Northing</u> | <u>Context</u> | <u>Site Status</u> | <u>SiteFeatures</u>                    | <u>SiteTypes</u> | <u>Reports</u> |
|---------------|---------------------|------------------|--|----------------|-----------------|----------------|--------------------|--|------------------|----------------|
| 27-6-0047     | Boothaguy Creek ST1 | GDA              | 55   | 640225         | 6489651         | Open site      | Valid              | Modified Tree<br>(Carved or Scarred) : |                  |                |
|               | <u>Contact</u>      | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |                |                 |                |                    | <u>Permits</u>                         |                  |                |
| 27-6-0034     | Marthugay Creek IF1 | GDA              | 55   | 640773         | 6496566         | Open site      | Valid              | Artefact : -                           |                  |                |
|               | <u>Contact</u>      | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |                |                 |                |                    | <u>Permits</u>                         |                  |                |

Report generated by AHIMS Web Service on 03/06/2021 for Alison Lamond for the following area at Search using shape-file NSW\_N2N\_InvestigationCorridor\_Phase\_2\_AOI\_1c.SHP with a buffer of 0 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 12

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 Middle 2

Client Service ID : 596310

| SiteID    | SiteName         | Datum | Zone | Easting     | Northing | Context   | Site Status | SiteFeatures                                | SiteTypes    | Reports |
|-----------|------------------|-------|------|-------------|----------|-----------|-------------|---|--------------|---------|
| 28-4-0030 | MS-ST-01         | AGD   | 55   | 644800      | 6503370  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree |         |
|           | <u>Contact</u>   |       |      |             |          |           |             |   |              |         |
|           | <u>Recorders</u> |       |      | Lloyd Nolan |          |           |             | <u>Permits</u>                              |              |         |
| 28-4-0031 | MS-ST-02         | AGD   | 55   | 644820      | 6503382  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree |         |
|           | <u>Contact</u>   |       |      |             |          |           |             |   |              |         |
|           | <u>Recorders</u> |       |      | Lloyd Nolan |          |           |             | <u>Permits</u>                              |              |         |
| 28-4-0032 | MS-ST-03         | AGD   | 55   | 644750      | 6503490  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree |         |
|           | <u>Contact</u>   |       |      |             |          |           |             |   |              |         |
|           | <u>Recorders</u> |       |      | Lloyd Nolan |          |           |             | <u>Permits</u>                              |              |         |
| 28-4-0033 | MS-ST-04         | AGD   | 55   | 644750      | 6503490  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree |         |
|           | <u>Contact</u>   |       |      |             |          |           |             |   |              |         |
|           | <u>Recorders</u> |       |      | Lloyd Nolan |          |           |             | <u>Permits</u>                              |              |         |
| 28-4-0034 | MS-ST-05         | AGD   | 55   | 644780      | 6503580  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree |         |
|           | <u>Contact</u>   |       |      |             |          |           |             |   |              |         |
|           | <u>Recorders</u> |       |      | Lloyd Nolan |          |           |             | <u>Permits</u>                              |              |         |
| 28-4-0035 | MS-ST-06         | AGD   | 55   | 644830      | 6503630  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree |         |
|           | <u>Contact</u>   |       |      |             |          |           |             |   |              |         |
|           | <u>Recorders</u> |       |      | Lloyd Nolan |          |           |             | <u>Permits</u>                              |              |         |
| 28-4-0036 | MS-ST-07         | AGD   | 55   | 644820      | 6503550  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree |         |
|           | <u>Contact</u>   |       |      |             |          |           |             |   |              |         |
|           | <u>Recorders</u> |       |      | Lloyd Nolan |          |           |             | <u>Permits</u>                              |              |         |
| 28-4-0037 | MS-ST-08         | AGD   | 55   | 644760      | 6503730  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree |         |
|           | <u>Contact</u>   |       |      |             |          |           |             |   |              |         |
|           | <u>Recorders</u> |       |      | Lloyd Nolan |          |           |             | <u>Permits</u>                              |              |         |
| 28-4-0038 | MS-ST 09         | AGD   | 55   | 644730      | 6503520  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree |         |
|           | <u>Contact</u>   |       |      |             |          |           |             |   |              |         |
|           | <u>Recorders</u> |       |      | Lloyd Nolan |          |           |             | <u>Permits</u>                              |              |         |
| 28-4-0040 | MS-ST-11         | AGD   | 55   | 644730      | 6506320  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree |         |
|           | <u>Contact</u>   |       |      |             |          |           |             |   |              |         |
|           | <u>Recorders</u> |       |      | Lloyd Nolan |          |           |             | <u>Permits</u>                              |              |         |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 Middle 2

Client Service ID : 596310

| SiteID    | SiteName            | Datum | Zone | Easting | Northing | Context   | Site Status | SiteFeatures                                | SiteTypes      | Reports |
|-----------|---------------------|-------|------|---------|----------|-----------|-------------|---|----------------|---------|
| 28-4-0041 | MS-ST-12            | AGD   | 55   | 644640  | 6503520  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |                |         |
| 28-4-0042 | MS-ST-13            | AGD   | 55   | 644640  | 6503520  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |                |         |
| 28-4-0043 | MS-ST-14            | AGD   | 55   | 643810  | 6502320  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |                |         |
| 28-4-0044 | MS-ST-15            | AGD   | 55   | 644690  | 6502470  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |                |         |
| 28-4-0045 | MS-ST-16            | AGD   | 55   | 644070  | 6502810  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |                |         |
| 28-4-0046 | MS-ST17             | AGD   | 55   | 644180  | 6502810  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |                |         |
| 28-4-0004 | Curban;             | AGD   | 55   | 653000  | 6510000  | Open site | Valid       | Artefact : -                                | Open Camp Site |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |                |         |
| 28-1-0006 | Galargambone Creek; | AGD   | 55   | 657200  | 6529400  | Open site | Valid       | Artefact : -                                | Open Camp Site |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |                |         |
| 28-4-0283 | Berida Road ST1     | GDA   | 55   | 643367  | 6502663  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |                |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |                |         |
| 28-4-0284 | Berida Road ST2     | GDA   | 55   | 643500  | 6502784  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |                |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |                |         |
| 28-1-0094 | NB-AS-02            | GDA   | 55   | 674514  | 6565374  | Open site | Valid       | Artefact : -                                |                |         |
|           | <u>Contact</u>      |       |      |         |          |           |             |   |                |         |
| 28-1-0095 | NB-AS-04            | GDA   | 55   | 675312  | 6563345  | Open site | Valid       | Artefact : -                                |                |         |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 Middle 2

Client Service ID : 596310

| SiteID    | SiteName                                  | Datum            | Zone  | Easting | Northing | Context   | Site Status | SiteFeatures                                | SiteTypes    | Reports |
|-----------|---|------------------|---|---------|----------|-----------|-------------|---|--------------|---------|
|           | <u>Contact</u>                            | <u>Recorders</u> | Mr.Neville Baker,Sydney Water-Parramatta  |         |          |           |             | <u>Permits</u>                              |              |         |
| 28-1-0096 | NB-AS-03                                  | GDA              | 55  | 674435  | 6564814  | Open site | Valid       | Artefact : -                                |              |         |
|           | <u>Contact</u>                            | <u>Recorders</u> | Mr.Neville Baker,Sydney Water-Parramatta  |         |          |           |             | <u>Permits</u>                              |              |         |
| 28-1-0093 | NB-AS-05                                  | GDA              | 55  | 674090  | 6555720  | Open site | Valid       | Artefact : -                                |              |         |
|           | <u>Contact</u>                            | <u>Recorders</u> | Mr.Neville Baker,Sydney Water-Parramatta  |         |          |           |             | <u>Permits</u>                              |              |         |
| 28-1-0022 | BBS; Coonamble LALC; Tenandra Forrest ST1 | AGD              | 55  | 662883  | 6545724  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1 |              | 98925   |
|           | <u>Contact</u>                            | <u>Recorders</u> | Phil Purcell,Archaeological Surveys & Salvage ,Coonamble LALC - BBS Survey team |         |          |           |             | <u>Permits</u>                              |              |         |
| 28-1-0023 | BBS; Coonamble LALC; Parmedman ST1        | AGD              | 55  | 668442  | 6552525  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1 |              | 98925   |
|           | <u>Contact</u>                            | <u>Recorders</u> | Phil Purcell,Archaeological Surveys & Salvage ,Coonamble LALC - BBS Survey team |         |          |           |             | <u>Permits</u>                              |              |         |
| 28-4-0039 | MS-ST-10                                  | AGD              | 55  | 644730  | 6506320  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree |         |
|           | <u>Contact</u>                            | <u>Recorders</u> | Lloyd Nolan   |         |          |           |             | <u>Permits</u>                              |              |         |
| 28-1-0039 | Nemzie Burial 1                           | GDA              | 55  | 655214  | 6529860  | Open site | Valid       | Burial : 1                                  |              |         |
|           | <u>Contact</u>                            | <u>Recorders</u> | Phil Purcell  |         |          |           |             | <u>Permits</u>                              |              |         |
| 28-1-0040 | Melville HillST1                          | AGD              | 55  | 674236  | 6562929  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1 |              | 103088  |
|           | <u>Contact</u>                            | <u>Recorders</u> | Mr.Patrick Gaynor   |         |          |           |             | <u>Permits</u>                              |              |         |
| 28-1-0083 | Mungery Creek ST6                         | GDA              | 55  | 671059  | 6552027  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |              |         |
|           | <u>Contact</u>                            | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts                    |         |          |           |             | <u>Permits</u>                              |              |         |
| 28-1-0084 | Mungery Creek ST5                         | GDA              | 55  | 671042  | 6552074  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |              |         |
|           | <u>Contact</u>                            | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts                    |         |          |           |             | <u>Permits</u>                              |              |         |
| 28-1-0085 | Mungery Creek ST4                         | GDA              | 55  | 670557  | 6551849  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |              |         |
|           | <u>Contact</u>                            | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts                    |         |          |           |             | <u>Permits</u>                              |              |         |
| 28-1-0086 | Mungery Creek ST3                         | GDA              | 55  | 670924  | 6551814  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |              |         |
|           | <u>Contact</u>                            | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts                    |         |          |           |             | <u>Permits</u>                              |              |         |

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| SiteID    | SiteName                                    | Datum            | Zone   | Easting | Northing | Context   | Site Status | SiteFeatures  | SiteTypes | Reports |
|-----------|---|------------------|--|---------|----------|-----------|-------------|---|-----------|---------|
| 28-1-0087 | Mungery Creek ST2                           | GDA              | 55   | 670911  | 6551741  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-   |           |         |
|           | <b>Contact</b>                              | <b>Recorders</b> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts   |         |          |           |             | <b>Permits</b>  |           |         |
| 28-1-0088 | Mungery Creek ST 1                          | GDA              | 55   | 669941  | 6552126  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-   |           |         |
|           | <b>Contact</b>                              | <b>Recorders</b> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts   |         |          |           |             | <b>Permits</b>  |           |         |
| 28-1-0089 | Gulargambone Creek ST1                      | GDA              | 55   | 659713  | 6527784  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-   |           |         |
|           | <b>Contact</b>                              | <b>Recorders</b> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts   |         |          |           |             | <b>Permits</b>  |           |         |
| 28-1-0097 | Mt. Tenandra Artefact Scatter               | GDA              | 55   | 666520  | 6543000  | Open site | Valid       | Artefact : -  |           |         |
|           | <b>Contact</b>                              | <b>Recorders</b> | OzArk Environmental and Heritage Management,Mr.Kirwan Williams |         |          |           |             | <b>Permits</b>  |           |         |
| 28-1-0090 | Gulargambone Creek PAD2                     | GDA              | 55   | 659703  | 6528212  | Open site | Valid       | Artefact : -, Potential<br>Archaeological<br>Deposit (PAD) : -  |           |         |
|           | <b>Contact</b>                              | <b>Recorders</b> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts   |         |          |           |             | <b>Permits</b>  |           |         |
| 28-1-0091 | Gulargambone Creek PAD1                     | GDA              | 55   | 660031  | 6527565  | Open site | Valid       | Artefact : -, Potential<br>Archaeological<br>Deposit (PAD) : -  |           |         |
|           | <b>Contact</b>                              | <b>Recorders</b> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts   |         |          |           |             | <b>Permits</b>  |           |         |
| 28-1-0057 | Tenandra Creek AFT2                         | GDA              | 55   | 666620  | 6546442  | Open site | Valid       | Artefact : -  |           |         |
|           | <b>Contact</b>                              | <b>Recorders</b> | Mr.Peter Saad  |         |          |           |             | <b>Permits</b>  |           |         |
| 28-1-0058 | Table Top Mountain/Noonbar Creek ACD        | GDA              | 55   | 675297  | 6565119  | Open site | Valid       | Aboriginal Ceremony<br>and Dreaming : -   |           |         |
|           | <b>Contact</b>                              | <b>Recorders</b> | Mr.Peter Saad  |         |          |           |             | <b>Permits</b>  |           |         |
| 28-1-0059 | Calga Creek AFT and PAD                     | GDA              | 55   | 675529  | 6563192  | Open site | Valid       | Aboriginal Resource<br>and Gathering : -,<br>Artefact : -, Potential<br>Archaeological<br>Deposit (PAD) : - |           |         |
|           | <b>Contact</b>                              | <b>Recorders</b> | Mr.Peter Saad  |         |          |           |             | <b>Permits</b>  |           |         |
| 28-1-0061 | Tenandra Creek AFT1 PAD                     | GDA              | 55   | 666651  | 6546651  | Open site | Valid       | Artefact : -, Potential<br>Archaeological<br>Deposit (PAD) : -  |           |         |
|           | <b>Contact</b>                              | <b>Recorders</b> | Mr.Peter Saad  |         |          |           |             | <b>Permits</b>  |           |         |
| 28-4-0280 | Castlereagh River North Terrace AFT and PAD | GDA              | 55   | 650283  | 6510470  | Open site | Valid       | Artefact : -, Potential<br>Archaeological<br>Deposit (PAD) : -  |           |         |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 Middle 2

Client Service ID : 596310

| SiteID    | SiteName                      | Datum            | Zone          | Easting | Northing | Context   | Site Status | SiteFeatures   | SiteTypes | Reports |
|-----------|-------------------------------|------------------|---------------|---------|----------|-----------|-------------|--|-----------|---------|
|           | <u>Contact</u>                | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>   |           |         |
| 28-1-0062 | Box Ridge Road ST1            | GDA              | 55            | 663875  | 6539327  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-  |           |         |
|           | <u>Contact</u>                | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>   |           |         |
| 28-1-0063 | Box Ridge Road ST2            | GDA              | 55            | 663603  | 6539278  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-  |           |         |
|           | <u>Contact</u>                | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>   |           |         |
| 28-1-0064 | Box Ridge Road ST3            | GDA              | 55            | 663365  | 6539240  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-  |           |         |
|           | <u>Contact</u>                | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>   |           |         |
| 28-1-0065 | Calga Creek ST1               | GDA              | 55            | 675949  | 6563177  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-  |           |         |
|           | <u>Contact</u>                | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>   |           |         |
| 28-1-0066 | Tenandra Creek IF4            | GDA              | 55            | 666726  | 6546177  | Open site | Valid       | Artefact : -   |           |         |
|           | <u>Contact</u>                | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>   |           |         |
| 28-1-0067 | Tenandra Creek IF3            | GDA              | 55            | 666558  | 6545928  | Open site | Valid       | Artefact : -   |           |         |
|           | <u>Contact</u>                | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>   |           |         |
| 28-1-0068 | Tenandra Creek IF1            | GDA              | 55            | 666875  | 6545798  | Open site | Valid       | Artefact : -   |           |         |
|           | <u>Contact</u>                | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>   |           |         |
| 28-1-0069 | Tenandra Creek ST1            | GDA              | 55            | 666596  | 6546262  | Open site | Valid       | Aboriginal Resource<br>and Gathering : -,<br>Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>                | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>   |           |         |
| 28-4-0281 | Castlereagh River Terrace ST2 | GDA              | 55            | 650309  | 6510084  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-  |           |         |
|           | <u>Contact</u>                | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>   |           |         |
| 28-4-0282 | Castlereagh River Terrace ST1 | GDA              | 55            | 650409  | 6510472  | Open site | Valid       | Aboriginal Resource<br>and Gathering : -,<br>Modified Tree<br>(Carved or Scarred) :<br>- |           |         |
|           | <u>Contact</u>                | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>   |           |         |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 Middle 2

Client Service ID : 596310

| SiteID    | SiteName            | Datum            | Zone          | Easting | Northing | Context   | Site Status | SiteFeatures  | SiteTypes | Reports |
|-----------|---------------------|------------------|---------------|---------|----------|-----------|-------------|---|-----------|---------|
| 28-1-0070 | Tenandra Creek ST2  | GDA              | 55            | 666690  | 6546292  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-               |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>  |           |         |
| 28-1-0071 | Tenandra Creek IF2  | GDA              | 55            | 666699  | 6545861  | Open site | Valid       | Artefact : -  |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>  |           |         |
| 28-1-0072 | Tenandra Creek AFT4 | GDA              | 55            | 666653  | 6545827  | Open site | Valid       | Artefact : -  |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>  |           |         |
| 28-1-0073 | Tenandra Creek AFT3 | GDA              | 55            | 666713  | 6546265  | Open site | Valid       | Aboriginal Resource<br>and Gathering : -,<br>Artefact : - |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>  |           |         |
| 28-1-0074 | Tenandra Creek ST3  | GDA              | 55            | 666567  | 6546081  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-               |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>  |           |         |
| 28-1-0075 | Tenandra Creek ST4  | GDA              | 55            | 666563  | 6546074  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-               |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>  |           |         |
| 28-1-0076 | Tenandra Creek ST5  | GDA              | 55            | 666566  | 6545999  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-               |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>  |           |         |
| 28-1-0077 | Tenandra Creek ST6  | GDA              | 55            | 666568  | 6545998  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-               |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>  |           |         |
| 28-1-0078 | Tenandra Creek ST8  | GDA              | 55            | 666557  | 6545976  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-               |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>  |           |         |
| 28-1-0079 | Tenandra Creek ST7  | GDA              | 55            | 666567  | 6545994  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-               |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>  |           |         |
| 28-1-0080 | Calga Creek ST2     | GDA              | 55            | 675421  | 6563403  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-               |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>  |           |         |

Report generated by AHIMS Web Service on 03/06/2021 for Alison Lamond for the following area at Search using shape-file NSW\_N2N\_InvestigationCorridor\_Phase\_2\_AOI\_2.SHP with a buffer of 0 meters. Additional Info : Archaeological assessment. Number of Aboriginal sites and Aboriginal objects found is 67

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 Middle 2

Client Service ID : 596310

| <u>SiteID</u> | <u>SiteName</u>     | <u>Datum</u>     | <u>Zone</u>   | <u>Easting</u> | <u>Northing</u> | <u>Context</u> | <u>Site Status</u> | <u>SiteFeatures</u>                     | <u>SiteTypes</u> | <u>Reports</u> |
|---------------|---------------------|------------------|---------------|----------------|-----------------|----------------|--------------------|---|------------------|----------------|
| 28-1-0081     | Tenandra Creek ACD2 | GDA              | 55            | 666563         | 6545988         | Open site      | Valid              | Aboriginal Ceremony<br>and Dreaming : - |                  |                |
|               | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |                |                 |                |                    | <u>Permits</u>                          |                  |                |
| 28-1-0082     | Tenandra Creek ACD1 | GDA              | 55            | 666564         | 6546079         | Open site      | Valid              | Aboriginal Ceremony<br>and Dreaming : - |                  |                |
|               | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |                |                 |                |                    | <u>Permits</u>                          |                  |                |

Report generated by AHIMS Web Service on 03/06/2021 for Alison Lamond for the following area at Search using shape-file NSW\_N2N\_InvestigationCorridor\_Phase\_2\_AOI\_2.SHP with a buffer of 0 meters. Additional Info : Archaeological assessment. Number of Aboriginal sites and Aboriginal objects found is 67

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| SiteID    | SiteName                                | Datum            | Zone  | Easting | Northing | Context   | Site Status | SiteFeatures  | SiteTypes                   | Reports   |
|-----------|---|------------------|---|---------|----------|-----------|-------------|---|-----------------------------|-----------|
| 19-3-0003 | Dangar Village, Old Mission Cemetery    | AGD              | 55  | 763021  | 6642000  | Open site | Valid       | Burial : -, Aboriginal Ceremony and Dreaming : -    |                             |           |
|           | <b>Contact</b>                          | <b>Recorders</b> | Ray Kelly,Mr.Terry Donovan,Bill Trindal             |         |          |           |             | <b>Permits</b>                                      |                             |           |
| 19-3-0019 | WN25 Narrabri;                          | AGD              | 55  | 764224  | 6644978  | Open site | Valid       | Artefact : -  | Open Camp Site              | 84        |
|           | <b>Contact</b>                          | <b>Recorders</b> | Rex Silcox  |         |          |           |             | <b>Permits</b>                                      |                             |           |
| 19-4-0003 | Carmel;                                 | AGD              | 55  | 683118  | 6581805  | Open site | Valid       | Artefact : -  | Open Camp Site              |           |
|           | <b>Contact</b>                          | <b>Recorders</b> | Glen Morris   |         |          |           |             | <b>Permits</b>                                      |                             |           |
| 19-4-0004 | Bilambil;Biambil;                       | AGD              | 55  | 684945  | 6581739  | Open site | Valid       | Artefact : -  | Open Camp Site              |           |
|           | <b>Contact</b>                          | <b>Recorders</b> | Glen Morris   |         |          |           |             | <b>Permits</b>                                      |                             |           |
| 19-4-0005 | Berdeen;Berdeen Homestead;              | AGD              | 55  | 689512  | 6581576  | Open site | Valid       | Artefact : -, Modified Tree (Carved or Scarred) : - | Open Camp Site,Scarred Tree |           |
|           | <b>Contact</b>                          | <b>Recorders</b> | Glen Morris   |         |          |           |             | <b>Permits</b>                                      |                             |           |
| 19-5-0010 | Pilliga 8 Baradine State Forest         | AGD              | 55  | 694250  | 6583500  | Open site | Valid       | Artefact : -  | Open Camp Site              | 1068,1991 |
|           | <b>Contact</b>                          | <b>Recorders</b> | Jane Balme,Katrina Geering,Colin Roberts,Dan Witter |         |          |           |             | <b>Permits</b>                                      |                             |           |
| 19-5-0011 | Cumbil Creek;                           | AGD              | 55  | 698300  | 6592600  | Open site | Valid       | Modified Tree (Carved or Scarred) : -               | Scarred Tree                | 2236      |
|           | <b>Contact</b>                          | <b>Recorders</b> | Katrina Geering,Colin Roberts                       |         |          |           |             | <b>Permits</b>                                      |                             |           |
| 19-5-0012 | Cumbil Creek_2;                         | AGD              | 55  | 698300  | 6592610  | Open site | Valid       | Modified Tree (Carved or Scarred) : -               | Scarred Tree                | 2236      |
|           | <b>Contact</b>                          | <b>Recorders</b> | Katrina Geering,Colin Roberts                       |         |          |           |             | <b>Permits</b>                                      |                             |           |
| 19-5-0013 | Cumbil Creek_3;Cumbil State Forest 812; | AGD              | 55  | 698300  | 6592620  | Open site | Valid       | Modified Tree (Carved or Scarred) : -               | Scarred Tree                | 2236      |
|           | <b>Contact</b>                          | <b>Recorders</b> | Colin Roberts                                       |         |          |           |             | <b>Permits</b>                                      |                             |           |
| 19-5-0014 | Cumbil Creek_4;Cumbil State Forest 812; | AGD              | 55  | 698300  | 6592623  | Open site | Valid       | Modified Tree (Carved or Scarred) : -               | Scarred Tree                | 2236      |
|           | <b>Contact</b>                          | <b>Recorders</b> | Colin Roberts                                       |         |          |           |             | <b>Permits</b>                                      |                             |           |
| 19-5-0015 | Cumbil Creek_5;Cumbil State Forest 812; | AGD              | 55  | 698250  | 6592750  | Open site | Valid       | Modified Tree (Carved or Scarred) : -               | Scarred Tree                | 2236      |
|           | <b>Contact</b>                          | <b>Recorders</b> | Colin Roberts                                       |         |          |           |             | <b>Permits</b>                                      |                             |           |
| 19-5-0016 | Cumbil Creek_6;Cumbil State Forest 812; | AGD              | 55  | 698300  | 6592750  | Open site | Valid       | Modified Tree (Carved or Scarred) : -               | Scarred Tree                | 2236      |

Report generated by AHIMS Web Service on 03/06/2021 for Alison Lamond for the following area at Search using shape-file NSW\_N2N\_InvestigationCorridor\_Phase\_2\_AOI\_3.SHP with a buffer of 0 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 99

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| SiteID    | SiteName                                   | Datum            | Zone                          | Easting | Northing | Context   | Site Status | SiteFeatures                                | SiteTypes      | Reports |
|-----------|--|------------------|-------------------------------|---------|----------|-----------|-------------|---|----------------|---------|
|           | <u>Contact</u>                             | <u>Recorders</u> | Colin Roberts                 |         |          |           |             | <u>Permits</u>                              |                |         |
| 19-5-0017 | Cumbil Creek_7;Cumbil State Forest 812;    | AGD              | 55                            | 698340  | 6592750  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   | 2236    |
|           | <u>Contact</u>                             | <u>Recorders</u> | Colin Roberts                 |         |          |           |             | <u>Permits</u>                              |                |         |
| 19-5-0018 | Cumbil Creek_8;Cumbil State Forest 812;    | AGD              | 55                            | 698370  | 6592740  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   | 2236    |
|           | <u>Contact</u>                             | <u>Recorders</u> | Colin Roberts                 |         |          |           |             | <u>Permits</u>                              |                |         |
| 19-5-0019 | Cumbil Creek_9;Cumbil State Forest 812;    | AGD              | 55                            | 698350  | 6592750  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   | 2236    |
|           | <u>Contact</u>                             | <u>Recorders</u> | Katrina Geering               |         |          |           |             | <u>Permits</u>                              |                |         |
| 19-5-0020 | Cumbil Creek_10;Cumbil State Forest 812;   | AGD              | 55                            | 698400  | 6592800  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   | 2236    |
|           | <u>Contact</u>                             | <u>Recorders</u> | Katrina Geering,Colin Roberts |         |          |           |             | <u>Permits</u>                              |                |         |
| 19-5-0021 | Cumbil Creek_11;Cumbil State Forest 812;   | AGD              | 55                            | 698500  | 6592750  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   | 2236    |
|           | <u>Contact</u>                             | <u>Recorders</u> | Colin Roberts                 |         |          |           |             | <u>Permits</u>                              |                |         |
| 19-5-0022 | Cumbil Creek_12;Cumbil State Forest 812;   | AGD              | 55                            | 698500  | 6592740  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   | 2236    |
|           | <u>Contact</u>                             | <u>Recorders</u> | Colin Roberts                 |         |          |           |             | <u>Permits</u>                              |                |         |
| 19-5-0023 | Baradine Road 2;Baradine State Forest 672; | AGD              | 55                            | 694150  | 6582700  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   | 2236    |
|           | <u>Contact</u>                             | <u>Recorders</u> | Colin Roberts                 |         |          |           |             | <u>Permits</u>                              |                |         |
| 19-5-0024 | Baradine Road 3;Baradine State Forest 672; | AGD              | 55                            | 694200  | 6582690  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   |         |
|           | <u>Contact</u>                             | <u>Recorders</u> | Colin Roberts                 |         |          |           |             | <u>Permits</u>                              |                |         |
| 19-5-0025 | Baradine Road 1;Baradine State Forest 672; | AGD              | 55                            | 694120  | 6582700  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   |         |
|           | <u>Contact</u>                             | <u>Recorders</u> | Colin Roberts                 |         |          |           |             | <u>Permits</u>                              |                |         |
| 19-5-0052 | Cumbil Creek Campsite;                     | AGD              | 55                            | 698630  | 6590950  | Open site | Valid       | Artefact : -                                | Open Camp Site |         |
|           | <u>Contact</u>                             | <u>Recorders</u> | Katrina Geering,Colin Roberts |         |          |           |             | <u>Permits</u>                              |                |         |
| 19-5-0064 | Two Dips                                   | AGD              | 55                            | 698230  | 6592630  | Open site | Valid       | Artefact : -                                | Open Camp Site |         |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 North 3

Client Service ID : 596311

| SiteID    | SiteName                   | Datum            | Zone   | Easting | Northing | Context   | Site Status | SiteFeatures                           | SiteTypes      | Reports |
|-----------|----------------------------|------------------|--|---------|----------|-----------|-------------|--|----------------|---------|
|           | <u>Contact</u>             | <u>Recorders</u> | Katrina Geering,Colin Roberts                                |         |          |           |             | <u>Permits</u>                         |                |         |
| 19-5-0068 | Springfield Campsite;      | AGD              | 55   | 692300  | 6584650  | Open site | Valid       | Artefact : -                           | Open Camp Site |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Katrina Geering  |         |          |           |             | <u>Permits</u>                         |                |         |
| 19-5-0069 | Springfield Burial Ground; | AGD              | 55   | 692250  | 6584680  | Open site | Valid       | Burial : -                             | Burial/s       |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Katrina Geering  |         |          |           |             | <u>Permits</u>                         |                |         |
| 19-3-0171 | NRST1                      | GDA              | 55   | 764392  | 6641819  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                         |                |         |
| 19-3-0172 | NRST2                      | GDA              | 55   | 764440  | 6641785  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                         |                |         |
| 19-3-0173 | NRST3                      | GDA              | 55   | 764500  | 6641803  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                         |                |         |
| 19-3-0174 | NRST4                      | GDA              | 55   | 764439  | 6641854  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                         |                |         |
| 19-3-0175 | NRST5                      | GDA              | 55   | 764366  | 6641898  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                         |                |         |
| 19-3-0176 | NRST6                      | GDA              | 55   | 764464  | 6641742  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                         |                |         |
| 19-3-0177 | NRST9                      | GDA              | 55   | 764464  | 6641958  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                         |                |         |
| 19-3-0178 | NRST8                      | GDA              | 55   | 764297  | 6641643  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <u>Permits</u>                         |                |         |
| 19-3-0179 | NRST7                      | GDA              | 55   | 764271  | 6641773  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                |         |
|           |                            |                  |  |         |          |           |             |  |                |         |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 North 3

Client Service ID : 596311

| SiteID    | SiteName  | Datum                     | Zone   | Easting | Northing | Context   | Site Status | SiteFeatures   | SiteTypes       | Reports |                         |
|-----------|---|---------------------------|--|---------|----------|-----------|-------------|----------------|-----------------|---------|-------------------------|
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-3-0002 | Dangar Village Narrabri                             | AGD                       | 55   | 765359  | 6640819  | Open site | Valid       | Burial : -     | Burial/s        |         |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Harry Creamer  |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-6-0171 | NB-AS-13  | GDA                       | 55   | 747729  | 6620934  | Open site | Valid       | Artefact : -   |                 |         |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Mr.Neville Baker,Sydney Water-Parramatta                     |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-6-0172 | NB-AS-14  | GDA                       | 55   | 748690  | 6619726  | Open site | Valid       | Artefact : -   |                 |         |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Mr.Neville Baker,Sydney Water-Parramatta                     |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-6-0173 | NB-AS-15  | GDA                       | 55   | 747556  | 6621185  | Open site | Valid       | Artefact : -   |                 |         |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Mr.Neville Baker,Sydney Water-Parramatta                     |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-6-0174 | NB-AS-16  | GDA                       | 55   | 747487  | 6621351  | Open site | Valid       | Artefact : -   |                 |         |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Mr.Neville Baker,Sydney Water-Parramatta                     |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-3-0180 | NB-AS-17  | GDA                       | 55   | 759893  | 6633802  | Open site | Valid       | Artefact : -   |                 |         |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Mr.Neville Baker,Sydney Water-Parramatta                     |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-6-0175 | NB-AS-12  | GDA                       | 55   | 748181  | 6620200  | Open site | Valid       | Artefact : -   |                 |         |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Mr.Neville Baker,Sydney Water-Parramatta                     |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-6-0176 | NB-AS-11  | GDA                       | 55   | 748374  | 6620069  | Open site | Valid       | Artefact : -   |                 |         |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Mr.Neville Baker,Sydney Water-Parramatta                     |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-5-0007 | Kienbri Aboriginal Spring                           | AGD                       | 55   | 694950  | 6585314  | Open site | Valid       | Water Hole : - | Water Hole/Well |         |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Sabu Dunn  |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-6-0036 | BBS; Pilliga East SF; Bohena Creek Drainage Area A1 | AGD                       | 55   | 753716  | 6620662  | Open site | Valid       | Artefact : 1   |                 | 97843   |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Phil Purcell,Janice Wilson                                   |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-5-0110 | BBS; Cumbil SF; Coolangoola Creek Drainage Area A1  | AGD                       | 55   | 699200  | 6585150  | Open site | Valid       | Artefact : 3   |                 | 97843   |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Phil Purcell,Leila McAdam                                    |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-5-0111 | BBS; Cumbil SF; Coolangoola Creek Drainage Area A2  | AGD                       | 55   | 698590  | 6585900  | Open site | Valid       | Artefact : 1   |                 | 97843   |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Phil Purcell,Janice Wilson                                   |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-5-0112 | BBS; Cumbil SF; Coolangoola Creek Drainage Area A3  | AGD                       | 55   | 697900  | 6586000  | Open site | Valid       | Artefact : 23  |                 | 97843   |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Phil Purcell,Janice Wilson                                   |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-5-0113 | BBS; Cumbil SF; Coolangoola Creek Drainage Area A4  | AGD                       | 55   | 697800  | 6588120  | Open site | Valid       | Artefact : 1   |                 | 97843   |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Phil Purcell,Leila McAdam                                    |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-5-0115 | BBS; Cumbil State Forest G1                         | AGD                       | 55   | 700142  | 6588970  | Open site | Valid       | Artefact : 40  |                 | 97843   |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Phil Purcell,Archaeological Surveys & Salvage ,Janice Wilson |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-5-0116 | BBS; Cumbil State Forest A1                         | AGD                       | 55   | 700289  | 6589057  | Open site | Valid       | Artefact : 40  |                 | 97843   |                         |
|           | <a href="#">Contact</a>                             | <a href="#">Recorders</a> | Phil Purcell,Archaeological Surveys & Salvage ,Janice Wilson |         |          |           |             |                |                 |         | <a href="#">Permits</a> |
| 19-5-0117 | BBS; Cumbil SF; Cumbil Creek Drainage Area A2       | AGD                       | 55   | 698160  | 6592083  | Open site | Valid       | Artefact : 1   |                 | 97843   |                         |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 North 3

Client Service ID : 596311

| SiteID    | SiteName                                       | Datum            | Zone | Easting | Northing | Context   | Site Status | SiteFeatures  | SiteTypes      | Reports |
|-----------|--|------------------|------|---------|----------|-----------|-------------|---|----------------|---------|
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |
| 19-5-0121 | BBS; Cumbil SF; Cumbil Creek Drainage Area ST1 | AGD              | 55   | 700050  | 6589013  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1               |                |         |
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |
| 19-5-0123 | BBS; Cumbil SF; Etoo Creek Drainage Area A1    | AGD              | 55   | 702825  | 6590682  | Open site | Valid       | Artefact : 4  |                | 97843   |
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |
| 19-5-0078 | BBS; Pilliga LALC; Rocky Ck 1                  | AGD              | 55   | 723742  | 6611585  | Open site | Valid       | Artefact : 2  |                | 99067   |
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |
| 19-5-0092 | BBS; Talluba Creek Drainage Area A1            | AGD              | 55   | 718005  | 6607770  | Open site | Valid       | Artefact : 109  |                | 97843   |
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |
| 19-6-0032 | BBS; Les Trindle's Hut Historical Site         | AGD              | 55   | 741600  | 6622100  | Open site | Valid       | Habitation Structure<br>: 1                               |                | 97843   |
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |
| 19-5-0106 | BBS; Baradine Convict Road                     | AGD              | 55   | 694989  | 6581725  | Open site | Valid       | Habitation Structure<br>: 1                               |                | 97843   |
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |
| 19-5-0053 | Keinbri Campsite_1;Merriwindi_SF 839;          | AGD              | 55   | 694200  | 6586000  | Open site | Valid       | Artefact : -  | Open Camp Site |         |
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |
| 19-3-0133 | Collins Park site 2 artefacts                  | GDA              | 55   | 767429  | 6641486  | Open site | Valid       | Artefact : 5, Modified<br>Tree (Carved or<br>Scarred) : 1 |                |         |
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |
| 19-3-0136 | Collins Park site 1 artefact                   | GDA              | 55   | 767458  | 6641465  | Open site | Valid       | Artefact : 1  |                |         |
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |
| 19-3-0163 | Silverleaf IF-1                                | GDA              | 55   | 766916  | 6647274  | Open site | Valid       | Artefact : -  |                | 104286  |
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |
| 19-3-0164 | Silverleaf IF-2                                | GDA              | 55   | 767094  | 6647233  | Open site | Valid       | Artefact : -  |                | 104286  |
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |
| 19-3-0165 | William Haines Grave                           | GDA              | 55   | 753765  | 6624219  | Open site | Valid       | Burial : -  |                |         |
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |
| 19-6-0170 | Bohena Creek IF1                               | GDA              | 55   | 747488  | 6622595  | Open site | Valid       | Artefact : -  |                |         |
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |
| 19-3-0166 | Bohena Creek IF2                               | GDA              | 55   | 759311  | 6633054  | Open site | Valid       | Artefact : -  |                |         |
|           | <u>Contact</u>                                 | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>  |                |         |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 North 3

Client Service ID : 596311

| SiteID    | SiteName                          | Datum            | Zone   | Easting | Northing | Context   | Site Status | SiteFeatures   | SiteTypes | Reports |
|-----------|-----------------------------------|------------------|--|---------|----------|-----------|-------------|--|-----------|---------|
| 19-3-0167 | Bohena Creek ST1                  | GDA              | 55   | 759446  | 6632981  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-                    |           |         |
|           | <b>Contact</b>                    | <b>Recorders</b> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <b>Permits</b>   |           |         |
| 19-3-0168 | Bohena Creek PAD2                 | GDA              | 55   | 759539  | 6633739  | Open site | Valid       | Artefact : -, Potential<br>Archaeological<br>Deposit (PAD) : - |           |         |
|           | <b>Contact</b>                    | <b>Recorders</b> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <b>Permits</b>   |           |         |
| 19-3-0169 | Bohena Creek PAD1                 | GDA              | 55   | 759458  | 6633363  | Open site | Valid       | Artefact : -, Potential<br>Archaeological<br>Deposit (PAD) : - |           |         |
|           | <b>Contact</b>                    | <b>Recorders</b> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <b>Permits</b>   |           |         |
| 19-3-0170 | NM AS1                            | GDA              | 55   | 763091  | 6642134  | Open site | Valid       | Artefact : -   |           |         |
|           | <b>Contact</b>                    | <b>Recorders</b> | Jacobs Group (Australia) Pty Ltd - Newcastle,Mr.Andy Roberts |         |          |           |             | <b>Permits</b>   |           |         |
| 19-3-0184 | Namoi River Scar tree             | GDA              | 55   | 766474  | 6639342  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    |           |         |
|           | <b>Contact</b>                    | <b>Recorders</b> | Paul Houston,Mr.Steven Booby                                 |         |          |           |             | <b>Permits</b>   |           |         |
| 19-3-0185 | Namoi River IF                    | GDA              | 55   | 766653  | 6639633  | Open site | Valid       | Artefact : 1   |           |         |
|           | <b>Contact</b>                    | <b>Recorders</b> | Paul Houston,Mr.Steven Booby                                 |         |          |           |             | <b>Permits</b>   |           |         |
| 19-3-0186 | Namoi River IF 2                  | GDA              | 55   | 766653  | 6639625  | Open site | Valid       | Artefact : 1   |           |         |
|           | <b>Contact</b>                    | <b>Recorders</b> | Paul Houston,Mr.Steven Booby                                 |         |          |           |             | <b>Permits</b>   |           |         |
| 19-3-0187 | Namoi River Artefact with Pattern | GDA              | 55   | 766975  | 6639584  | Open site | Valid       | Artefact : 1   |           |         |
|           | <b>Contact</b>                    | <b>Recorders</b> | Paul Houston,Mr.Steven Booby                                 |         |          |           |             | <b>Permits</b>   |           |         |
| 19-5-0223 | Baradine Creek IF1                | GDA              | 55   | 695077  | 6582549  | Open site | Valid       | Artefact : -   |           |         |
|           | <b>Contact</b>                    | <b>Recorders</b> | Mr.Peter Saad  |         |          |           |             | <b>Permits</b>   |           |         |
| 19-5-0224 | Baradine Creek IF2                | GDA              | 55   | 695083  | 6582543  | Open site | Valid       | Artefact : -   |           |         |
|           | <b>Contact</b>                    | <b>Recorders</b> | Mr.Peter Saad  |         |          |           |             | <b>Permits</b>   |           |         |
| 19-5-0225 | Cumbil Forest Creek GDG2          | GDA              | 55   | 700344  | 6589154  | Open site | Valid       | Grinding Groove : -  |           |         |
|           | <b>Contact</b>                    | <b>Recorders</b> | Mr.Peter Saad  |         |          |           |             | <b>Permits</b>   |           |         |
| 19-5-0226 | Baradine Creek AS1                | GDA              | 55   | 695066  | 6582494  | Open site | Valid       | Artefact : -   |           |         |
|           | <b>Contact</b>                    | <b>Recorders</b> | Mr.Peter Saad  |         |          |           |             | <b>Permits</b>   |           |         |
| 19-5-0227 | Coolanger Creek IF1               | GDA              | 55   | 698282  | 6586037  | Open site | Valid       | Artefact : -   |           |         |
|           | <b>Contact</b>                    | <b>Recorders</b> | Mr.Peter Saad  |         |          |           |             | <b>Permits</b>   |           |         |
| 19-5-0228 | Baradine Creek IF3                | GDA              | 55   | 695026  | 6582956  | Open site | Valid       | Artefact : -   |           |         |
|           | <b>Contact</b>                    | <b>Recorders</b> | Mr.Peter Saad  |         |          |           |             | <b>Permits</b>   |           |         |
| 19-5-0229 | Cumbil Forest Creek GDG1          | GDA              | 55   | 700328  | 6589176  | Open site | Valid       | Grinding Groove : -  |           |         |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 North 3

Client Service ID : 596311

| SiteID    | SiteName            | Datum            | Zone          | Easting | Northing | Context   | Site Status | SiteFeatures                                     | SiteTypes | Reports |
|-----------|---------------------|------------------|---------------|---------|----------|-----------|-------------|--|-----------|---------|
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>                                   |           |         |
| 19-5-0230 | Baradine Creek PAD  | GDA              | 55            | 695019  | 6582711  | Open site | Valid       | Potential<br>Archaeological<br>Deposit (PAD) : - |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>                                   |           |         |
| 19-5-0231 | Coolanger Creek IF4 | GDA              | 55            | 698268  | 6586058  | Open site | Valid       | Artefact : -                                     |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>                                   |           |         |
| 19-5-0232 | Coolanger Creek IF3 | GDA              | 55            | 698299  | 6586005  | Open site | Valid       | Artefact : -                                     |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>                                   |           |         |
| 19-5-0233 | Coolanger Creek IF2 | GDA              | 55            | 699204  | 6585253  | Open site | Valid       | Artefact : -                                     |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>                                   |           |         |
| 19-5-0234 | Etoo Creek ST2      | GDA              | 55            | 702414  | 6595566  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>                                   |           |         |
| 19-5-0235 | Etoo Creek ST1      | GDA              | 55            | 702041  | 6596022  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>                                   |           |         |
| 19-5-0236 | Baradine Creek ST2  | GDA              | 55            | 695050  | 6582610  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>                                   |           |         |
| 19-5-0237 | Baradine Creek ST1  | GDA              | 55            | 694990  | 6583099  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>                                   |           |         |
| 19-5-0238 | Baradine Creek ST3  | GDA              | 55            | 694517  | 6582915  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>                                   |           |         |
| 19-5-0239 | Etoo Creek ST3      | GDA              | 55            | 702226  | 6595652  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>                                   |           |         |
| 19-5-0240 | Etoo Creek ST4      | GDA              | 55            | 702378  | 6595374  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-      |           |         |
|           | <u>Contact</u>      | <u>Recorders</u> | Mr.Peter Saad |         |          |           |             | <u>Permits</u>                                   |           |         |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

Your Ref/PO Number : IA191801 North 3

Client Service ID : 596311

| SiteID    | SiteName                               | Datum            | Zone  | Easting | Northing | Context   | Site Status | SiteFeatures   | SiteTypes | Reports |
|-----------|--|------------------|---|---------|----------|-----------|-------------|--|-----------|---------|
| 19-5-0241 | Coolanger Creek IF5                    | GDA              | 55  | 699460  | 6584816  | Open site | Valid       | Artefact : -   |           |         |
|           | <u>Contact</u>                         | <u>Recorders</u> | Mr.Peter Saad   |         |          |           |             | <u>Permits</u>   |           |         |
| 19-3-0183 | WSP-HTH15                              | GDA              | 55  | 751193  | 6624594  | Open site | Valid       | Hearth : -   |           |         |
|           | <u>Contact</u>                         | <u>Recorders</u> | Biosis Pty Ltd - Wollongong,Mrs.Samantha Keats                    |         |          |           |             | <u>Permits</u>   |           |         |
| 19-5-0242 | White Cliffs-OS1                       | GDA              | 55  | 700091  | 6584756  | Open site | Valid       | Artefact : -   |           |         |
|           | <u>Contact</u>                         | <u>Recorders</u> | OzArk Environmental and Heritage Management, Miss.Stephane Rusden |         |          |           |             | <u>Permits</u>   |           |         |
| 19-3-0216 | Namoi River PAD 1                      | GDA              | 55  | 763562  | 6641610  | Open site | Valid       | Artefact : -, Potential<br>Archaeological<br>Deposit (PAD) : - |           |         |
|           | <u>Contact</u>                         | <u>Recorders</u> | Jacobs Group (Australia) Pty Ltd - Newcastle, Ms.Alison Lamond    |         |          |           |             | <u>Permits</u>   |           |         |
| 19-5-0246 | Cumbil_C329_CumbilRoad_GDG1            | GDA              | 55  | 700313  | 6589159  | Open site | Valid       | Grinding Groove : -  |           |         |
|           | <u>Contact</u>                         | <u>Recorders</u> | Forestry Corporation of NSW - Bathurst Office, Ms.Xiying Zhao     |         |          |           |             | <u>Permits</u>   |           |         |
| 19-6-0237 | PilligaEast_C710_BohenaCreekRoad_AFT30 | GDA              | 55  | 754030  | 6620174  | Open site | Valid       | Artefact : -   |           |         |
|           | <u>Contact</u>                         | <u>Recorders</u> | Forestry Corporation of NSW - Bathurst Office, Ms.Xiying Zhao     |         |          |           |             | <u>Permits</u>   |           |         |
| 19-5-0249 | Cumbil_C329_CumbilRoad_AFT1            | GDA              | 55  | 700402  | 6589240  | Open site | Valid       | Artefact : -   |           |         |
|           | <u>Contact</u>                         | <u>Recorders</u> | Forestry Corporation of NSW - Bathurst Office, Ms.Xiying Zhao     |         |          |           |             | <u>Permits</u>   |           |         |
| 19-5-0250 | Cumbil_C211_MistletoeRoad_AFT2         | GDA              | 55  | 702938  | 6590865  | Open site | Valid       | Artefact : -   |           |         |
|           | <u>Contact</u>                         | <u>Recorders</u> | Forestry Corporation of NSW - Bathurst Office, Ms.Xiying Zhao     |         |          |           |             | <u>Permits</u>   |           |         |

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# APPENDIX

# B

## Mapping of potential impacts on Aboriginal heritage

NARROMINE TO NARRABRI PROJECT



Mapping removed from public version to protect sensitive information

JacobsGHD

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T: +61 2 4979 9999 F: +61 2 4979 9988 E: [ntlmail@ghd.com](mailto:ntlmail@ghd.com)

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