



**NARRABRI MINE  
ENVIRONMENTAL  
MANAGEMENT  
SYSTEM**


Document owner:	Environmental Superintendent
Document approver:	General Manager
Revision period:	3 years
Revision:	6
Last revision date:	8 June 2023

**WHC\_PLN\_NAR\_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN**

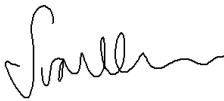

# **NARRABRI MINE**

## **ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN**

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

**Prepared by:**

Title	Name	Signature	Date
Senior Environmental Manager	S. van der Meulen Onward Consulting		8 June 2023
Director	Matthew Whincop Whincop Archaeology		8 June 2023


This document has been prepared by Onward Consulting to comply with the conditions of the Narrabri Mine Project Approval and has relied upon the relevant information available at the time of writing and all findings, conclusions or recommendations contained herein are based thereon. This document is for the use of Narrabri Coal Operations Pty Ltd and no responsibility will be taken for its use by other parties. Narrabri Coal Operations Pty Ltd may, at its discretion, use this document to inform regulators and the public.



Onward document number:  
NCO-003-1-6-PLN






	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## Acronyms and abbreviations

Acronym	Description
ACHA	Aboriginal Cultural Heritage Assessment
AHIP	Aboriginal Heritage Impact Permit
ACHMP	Aboriginal Cultural Heritage Management Plan (this document)
AHIMS	Aboriginal Heritage Information Management System
ATSIHP Act	<i>Aboriginal and Torres Strait Islander Heritage Protection Act 1984</i> (Cth)
BOA	Biodiversity Offset Area
CCC	Community Consultative Committee
Cwth	Commonwealth
DECCW	The former NSW Department of Environment, Climate Change and Water
DPE	NSW Department of Planning and Environment
EA	Environmental Assessment
EIS	Environmental Impact Statement
EMS	Environmental Management Strategy
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i> (NSW)
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cth)
GNAC	Gomeroi Narrabri Aboriginal Corporation
IEA	Independent Environmental Audit
km	kilometre
LW	longwall panel
m	metre
ML	Mining lease
Mt	million tonnes
Mtpa	million tonnes per annum
NLALC	Narrabri Local Aboriginal Land Council
NCOPL	Narrabri Coal Operations Pty Ltd
NNTT	National Native Title Tribunal
NP&W Act	<i>National Parks and Wildlife Act 1974</i> (NSW)
OEH	The former NSW Office of Environment and Heritage
RAP	Registered Aboriginal Party
ROM	run of mine
WHC	Whitehaven Coal Limited


	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## Table of contents

<b>1. Introduction.....</b>	<b>1</b>
1.1 Background .....	1
1.2 Purpose and scope .....	3
1.3 Objectives.....	3
1.4 Preparation and consultation .....	4
1.5 Access to information .....	4
<b>2. Roles and responsibilities .....</b>	<b>5</b>
<b>3. Statutory requirements.....</b>	<b>6</b>
3.1 Environment Protection and Biodiversity Conservation Act 1999 (Cwlth) .....	6
3.1.1 EPBC Act approval .....	6
3.2 Environmental Planning and Assessment Act 1979 .....	6
3.2.1 Project approval .....	6
3.3 Mining Act 1992.....	7
3.3.1 Mining lease .....	7
3.4 National Parks and Wildlife Act 1974 .....	7
3.5 Native Title Act 1993 (Cwlth).....	8
3.6 Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (Cwlth).....	8
3.7 Aboriginal Land Rights Act 1983.....	8
3.8 Relevant guidelines, codes, and standards .....	8
<b>4. Existing environment.....</b>	<b>10</b>
4.1 Aboriginal history.....	10
4.2 Natural resources .....	10
4.3 Previous archaeological investigations .....	10
4.4 Aboriginal cultural heritage sites .....	11
4.5 Aboriginal community consultation.....	14
4.6 Cultural values.....	14
<b>5. Predicted impacts.....</b>	<b>15</b>
5.1 Scientific significance .....	15
5.2 Potential impacts from surface development .....	15
5.3 Potential impacts from subsidence .....	16
5.4 Cumulative impacts.....	16
<b>6. Management and mitigation measures .....</b>	<b>17</b>
6.1 Surface development footprint .....	17

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			


6.2	Vegetation and soil striping measures .....	18
6.3	Subsidence areas.....	18
6.4	Additional measures.....	19
6.4.1	Management protocols and procedures .....	19
6.4.2	Permit to work .....	19
<b>7.</b>	<b>Conservation program.....</b>	<b>21</b>
7.1	Principles and commitments .....	21
7.2	Methods of investigation .....	21
7.3	Site protection .....	21
7.3.1	Cultural Heritage Monitors .....	22
7.3.2	Monitoring impacts of the development.....	24
7.3.3	Mayfield GG1 Investigations.....	24
7.3.4	Biodiversity offset areas.....	24
7.4	Aboriginal cultural heritage sites database .....	25
7.5	Keeping Place .....	25
7.6	Induction and training.....	26
7.7	Ongoing RAP consultation .....	26
<b>8.</b>	<b>Contingency plan .....</b>	<b>27</b>
<b>9.</b>	<b>Incidents and non-compliance.....</b>	<b>28</b>
9.1	Incident notification.....	28
9.2	Non-compliance notification.....	28
<b>10.</b>	<b>Reporting, evaluation and review .....</b>	<b>29</b>
10.1	Annual review .....	29
10.2	Independent Environmental Audit .....	29
10.3	ACHMP review and evaluation.....	29
10.4	Improvement measures.....	30
<b>11.</b>	<b>Complaints management .....</b>	<b>31</b>
<b>12.</b>	<b>References.....</b>	<b>32</b>
<b>13.</b>	<b>Glossary.....</b>	<b>34</b>
<b>14.</b>	<b>Review History .....</b>	<b>36</b>
<b>Appendix A - Consultation records .....</b>		<b>37</b>
<b>Appendix B - Compliance conditions relevant to this Plan .....</b>		<b>49</b>
<b>Appendix C - AHIMS Search Results.....</b>		<b>55</b>
<b>Appendix D - Aboriginal cultural heritage sites .....</b>		<b>67</b>
<b>Appendix E - Site salvage procedure .....</b>		<b>73</b>

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

<b>Appendix F - Discovery of possible human remains procedure .....</b>	<b>75</b>
<b>Appendix G - Salvage and curation of scarred trees procedure .....</b>	<b>77</b>
<b>Appendix H - Accidental damage to known sites procedure.....</b>	<b>80</b>
<b>Appendix I - Unidentified Aboriginal cultural heritage sites procedure .....</b>	<b>82</b>
<b>Appendix J - Consultation and communication protocol .....</b>	<b>84</b>

## Figures

Figure 1-1 Underground mining layout.....	2
Figure 4-1 Identified Aboriginal cultural heritage sites .....	12
Figure 4-2 Aboriginal cultural heritage sites relative to surface disturbance.....	13
Figure 7-1 Areas requiring cultural heritage monitors .....	23

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## 1. Introduction

### 1.1 Background

The Narrabri Mine is an existing underground coal mining operation situated in the Gunnedah Coalfield. It is located approximately 25 kilometres (km) south-east of Narrabri and approximately 60 km north-west of Gunnedah, within the Narrabri Shire Council Local Government Area in NSW. The Narrabri Mine includes an underground coal mine, a coal handling and preparation plant, and associated rail siding and surface infrastructure.

The Narrabri Mine is operated by Narrabri Coal Operations Pty Ltd (**NCOPL**), on behalf of the Narrabri Mine Joint Venture<sup>1</sup>, which consists of two Whitehaven Coal Limited (**WHC**) wholly owned subsidiaries, and other joint-venture partners. The underground mine is covered by Mining Lease (**ML**) 1609 which covers an area of 5,298 hectares (**ha**) for the predominant purpose of mining for coal from the Hoskissons Coal Seam.

Stage 1 of the Narrabri Mine was approved in November 2007 under Part 3A of the *Environmental Planning and Assessment Act 1979* (**EP&A Act**). Construction of the mine and supporting infrastructure commenced in 2008, with production using a continuous miner commencing in 2010. Following the approval of the Stage 2 Environmental Assessment (R.W Corkery & Co., 2009) (the **EA**) and the issue of the Stage 2 Project Approval 08\_0144 (**Project Approval**) in July 2010, and *Environment Protection and Biodiversity Conservation Act 1999* (**EPBC Act**) approval (**2009/5003**) in January 2011, the Narrabri Mine was converted to an 8 million tonnes per annum (**Mtpa**) run of mine (**ROM**) longwall mining operation, which commenced in 2012.

The Project Approval has been subsequently modified on a number of occasions. The environmental assessment for Modification 5 (Resource Strategies, 2015) (**MOD 5**), approved in December 2015, changed the mine geometry by reducing the number of longwall (**LW**) panels from 26 to 20, increased some LW panel widths and increased the production to 11 Mtpa of ROM coal until July 2031.

Modification 7, the most recent modification of the Project Approval, was approved on 23 November 2021. The environmental assessment for Modification 7 (Resource Strategies, 2021) (**MOD 7**) describes the change in mining method within the extent of the previously approved LW 201 and LW 202 and allows for up to 0.7 Mtpa via bord and pillar extraction at pillar reduction panels Cut and Flit (**CF**) 201 to CF 205. There is no change to the previously approved longwall panels LW 203 to LW 209. The bord and pillar mining will occur concurrently with existing longwall operations for a period of approximately five years, with the maximum ROM coal production rate remaining within the approved limit of 11 Mtpa.

The Narrabri Mine Stage 2 underground mining layout is shown in Figure 1-1.

<sup>1</sup> For full details on the joint venture ownership, refer to the introduction of the Environmental Management Strategy.





**NARRABRI MINE**


**LEGEND**

- ML 1609
- Stage 2 underground mining layout
- Namoi River pipeline
- Ventilation complex (upcast-decommissioned)
- Ventilation complex (upcast)
- Ventilation complex (downcast)
- Highway
- Roads
- + Railway
- Watercourse
- State forest

Figure 1-1

Underground Mining Layout



	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

## 1.2 Purpose and scope

This Aboriginal Cultural Heritage Management Plan (**ACHMP** or **Plan**) has been developed in accordance with Schedule 4, Condition 23 of the Project Approval, the applicable Commonwealth and NSW State regulatory framework, and the requirements of Heritage NSW and the Registered Aboriginal Parties (**RAPs**).

This ACHMP incorporates site protection measures associated with the Narrabri Mine approved disturbance areas. It defines the tasks, scope and conduct of all Aboriginal cultural heritage management activities to ensure compliance with the Project Approval and will remain in place for the life of mine.

This ACHMP describes how the impact of activities required for the Narrabri Mine on Aboriginal cultural heritage will be managed such that, to the greatest extent possible, there is no impact on Aboriginal cultural heritage. Where the impact cannot be avoided, the impact on any Aboriginal cultural heritage will be minimised, and other reasonable and feasible management measures, as appropriate, will be implemented to minimise or mitigate harm.

This Plan forms part of the Narrabri Mine Environmental Management System and is supported by the Environmental Management Strategy (**EMS**) required under Schedule 6, Conditions 1 of the Project Approval.

## 1.3 Objectives

The objectives of this ACHMP are to:

- provide detail of the relevant statutory requirements, including any relevant approval, licence or lease conditions;
- provide detail on the predicted impacts on Aboriginal cultural heritage sites and values;
- describe the management and mitigation measures to protect, monitor and manage Aboriginal cultural heritage sites and values within the approved disturbance area;
- provide a precise set of procedures and protocols that include:
  - appropriate archaeological investigation and recording of all identified Aboriginal objects within the approved disturbance areas, with a particular focus on site Mayfield GG1; and
  - management activities for the protection and conservation of tangible and intangible cultural heritage values within the mine site, including ongoing consultation with the RAPs.
- provide for the management of suspected human remains and any new Aboriginal objects, including provisions for burials, over the life of mine;
- provide a strategy for the care, control and storage of Aboriginal objects salvaged on the site, both during the life of the development and in the long-term;
- describe the protocol for managing and reporting any incident, non-compliance or exceedance of any impact assessment or performance criterion, complaint, or failure to comply with other statutory requirements;
- detail the regulatory reporting requirements;
- describe the NCOPL training and awareness requirements to ensure all workers receive suitable Aboriginal cultural heritage training/inductions prior to carrying out any activities which may cause impacts to Aboriginal objects or Aboriginal places;
- describe the protocol for periodic review of this Plan; and
- identify the roles and responsibilities for implementation of this Plan.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## 1.4 Preparation and consultation

The initial ACHMP for the Stage 2 operations was prepared in consultation with the Gomeri Narrabri Aboriginal Corporation (**GNAC**) and the Narrabri Local Aboriginal Land Council (**NLALC**) in 2011. The consultation was undertaken in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents* (DECCW, 2010).

Revision 4 of the ACHMP was prepared following the detailed survey of LW 108 to LW 113 for which the RAPs provided their advice on the suitability of the survey methodology. The revised version on the Plan was prepared in consultation with the NSW Department of Environment and Heritage (formerly the Office of Environment and Heritage [**OEH**]), the NLALC and the GNAC. The Department of Planning and Environment (**DPE**) (formerly the Department of Planning, Industry and Environment [**DPI&E**]) approved the ACHMP (v4) on 3 October 2019.

NCOPL has since conducted a review of Revision 4 with minor edits made to reflect the progression of mining and management required for specific Aboriginal cultural heritage sites. Updates also included new sites identified during the Stage 3 Environmental Impact Assessment (**EIS**) (part of which covers the Stage 2 mining area for the 200-longwall series), and the Narrabri Mine's internal 'site number' references were replaced with the Aboriginal Heritage Information Management System (**AHIMS**) reference number. The revised plan was provided to the NLALC and the GNAC on 3 December 2020. Heritage NSW received the draft plan following consultation with the RAPs and noted on the 19 August 2021 evidence of consultation with the RAPs, and that the proposed changes to the Plan were relatively minor and that no issues were raised by the RAPs in relation to the minor updates.

Revision 5 of the plan was then submitted to DPE for approval on 6 May 2021. NCOPL received a Request for Information (**RFI**) from DPE on 15 May 2022, however Revision 5 of the Plan was withdrawn from assessment on the basis of the proposed submission of the Stage 3 ACHMP.

Due to an unexpected delay in receiving Commonwealth approval for the Stage 3 Project, NCOPL are currently revising the secondary approval strategy to ensure the continuation of mining operations under the Stage 2 Project Approval (PA 08\_0144). This requires the Stage 2 ACHMP to be revised in accordance with Schedule 6 Condition 3 of the Project Approval. No material updates have been made since Revision 5 was submitted.


Notwithstanding the above, Revision 6 of the Stage 2 ACHMP (this Plan) has incorporated relevant commitments made in the recently approved Stage 3 ACHMP to ensure alignment with contemporary requirements and expectations. As the extensive consultation was carried out for Revision 5 and the approved Stage 3 ACHMP, the consultation completed to date is considered adequate and relevant. Accordingly, no further consultation has been conducted for Revision 6.

Appendix A provides evidence of consultation undertaken for Revision 5 of the Stage 2 ACHMP.

## 1.5 Access to information

In accordance with Schedule 6, Condition 10 of the Project Approval, the ACHMP will be made publicly available on the WHC website following approval by the DPE. Any subsequent revision of the ACHMP approved by the DPE will be made publicly available on the website, and the superseded version will be removed to ensure the information is kept up to date. A copy of this Plan will also be kept on the Narrabri Mine site server. Any printed copies of this Plan are uncontrolled.



	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

## 2. Roles and responsibilities

All NCOPL employees and contractors (and their sub-contractors) are responsible for the environmental performance of their activities and for complying with all legal requirements and obligations. All personnel will be required to comply with the statutory approval requirements of the activities they undertake, and any potential environmental impacts from all activities will be managed in accordance with the relevant strategies, plans and programs.

In accordance with Schedule 6, Condition 1 of the Project Approval, the EMS sets out the roles, responsibilities, authorities, and accountabilities of all key personnel involved in the environmental management of operations at Narrabri Mine, which encompasses the requirements and obligations under this ACHMP.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

### 3. Statutory requirements

#### 3.1 Environment Protection and Biodiversity Conservation Act 1999 (Cwlth)

The EPBC Act establishes the National Heritage List, which includes natural, Indigenous, and historic places of outstanding heritage value to the nation. Under the EPBC Act, there are penalties for anyone who takes an action that has or will have a significant impact on the Indigenous heritage values of a place that is recognised in the National Heritage List.

The Act also establishes the Commonwealth Heritage List, which includes places on Commonwealth lands and waters or under Australian Government control that have Indigenous heritage significance. In addition, the Act protects heritage on Commonwealth land and from actions undertaken by the Commonwealth.

##### 3.1.1 EPBC Act approval

The Narrabri Mine was granted EPBC 2009/5003 in 2011 issued under the EPBC Act (last varied on 24 March 2021).

#### 3.2 Environmental Planning and Assessment Act 1979


The EP&A Act requires that environmental and heritage impacts are considered by consent authorities prior to granting development approval. The original approvals for the Narrabri Mine were obtained under the Part 3A, 'Major Projects' provisions of the EP&A Act. While Part 3A has since been repealed, it remains applicable to NCOPL under transitional provisions. Under Section 75U(d) of these provisions, an Aboriginal Heritage Impact Permit (**AHIP**) under the NP&W Act (NSW) is not required for a project approved under Part 3A. In such instances, management of Aboriginal heritage follows the applicable Aboriginal assessment guidelines and any relevant Statement of Commitments (**SoC**) included in the Project Approval, which usually requires the development of a regulator-approved Aboriginal Cultural Heritage Management Plan.

##### 3.2.1 Project approval

This Plan has been developed in accordance with Schedule 4, Condition 23 of the Project Approval. In accordance with Schedule 6 Condition 2(b), Appendix B, Table B-1 provides a summary of the relevant Project Approval conditions relating to Aboriginal cultural heritage and outlines the section of the ACHMP in which each of these conditions have been addressed.

In accordance with Schedule 6 Condition of the Project Approval, the ACHMP must include:

- relevant limits or performance measures/criteria and specific performance indicators for Aboriginal cultural heritage;
- a description of the measures to comply with the relevant statutory requirements, limits, or performance measures/criteria;
- a program to monitor and report on the:
  - impacts and environmental performance of the project; and
  - effectiveness of any management measures.
- a contingency plan to manage any unpredicted impacts and their consequences; and

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

- a program to investigate and implement ways to improve the environmental performance of the project over time.

The SoCs (Appendix 3 to the Project Approval) relating to Aboriginal cultural heritage are detailed in Appendix B, Table B-2 which includes a cross reference to the section of the ACHMP in which each of these commitments have been addressed.

### 3.3 Mining Act 1992

The *Mining Act 1992 (Mining Act)* provides an integrated framework for the effective regulation of authorisations for prospecting and mining operations and compensation to landholders for loss or damage resulting from such operations. The Act also encourages ecologically sustainable development by ensuring mineral resources are identified and developed in ways that minimise impacts on the environment.

The *Native Title Act 1993 (Cwlth)*, in conjunction with the Mining Act (where applicable), will be complied with in relation to the mining lease.

#### 3.3.1 Mining lease

NCOPL are the holder of Mining Lease 1609 (**ML 1609**) issued in January 2008. NCOPL are required to implement all practicable measures to prevent and/or minimise any harm to the environment that may result from the construction, operation, or rehabilitation of the development.

This Plan will be updated with any relevant conditions associated with future mining leases once these have been granted.


### 3.4 National Parks and Wildlife Act 1974

The NP&W Act provides blanket protection for Aboriginal objects (material evidence of Indigenous occupation) and Aboriginal places (areas of cultural significance to the Aboriginal community) across NSW. An Aboriginal place is any place declared to be an Aboriginal place by the Minister for the Environment, under section 84 of the Act. An Aboriginal object is defined 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.*

It is an offence to disturb Aboriginal objects or places without an AHIP administered under section 90 of the Act, or consent under Part 3A of the EP&A Act. In addition, anyone who discovers an Aboriginal object is obliged to report the discovery to the relevant authorities. Part 6 of the NP&W Act is administered by Heritage NSW.

NCOPL will not destroy damage or deface any known Aboriginal objects (as defined in the NP&W Act) without the written approval of the Secretary.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

### 3.5 Native Title Act 1993 (Cwlth)

The *Native Title Act 1993* provides recognition and protection for native title by establishing the National Native Title Tribunal (NNTT) to administer native title claims to rights and interests over lands and waters by Aboriginal people. The NNTT also administers the future act processes that attract the right to negotiate under the *Native Title Act 1993*.

The Native Title Act 1993, where applicable, will be complied with in relation to the mining lease.

### 3.6 Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (Cwlth)

The *Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (ATSIHP Act)* protects areas and objects that are of particular significance to Indigenous people. The ATSIHP Act allows the Environment Minister, on the application of an Aboriginal person or group of persons, to make a declaration to protect an area, object or class of objects from a threat of injury or desecration.

There are no areas, objects or class of objects within or adjacent to the Narrabri Mine that are protected under the ATSIHP Act.

### 3.7 Aboriginal Land Rights Act 1983

The *Aboriginal Land Rights Act 1983* allows for the transfer of ownership to a Local Aboriginal Land Council of vacant Crown Land not required for an essential purpose or for residential land. These lands are then managed and maintained by the Local Aboriginal Land Council.

Consultation throughout all stages of mine development has been conducted with the NLALC. The NLALC will be actively consulted regarding mine operations and rehabilitation activities that may have an impact on Aboriginal cultural heritage values.


### 3.8 Relevant guidelines, codes, and standards

The following guidelines have been utilised during the preparation of the ACHMP:

- *Dhawura Ngilan: A vision for Aboriginal and Torres Strait Islander heritage in Australia* (Heritage Chairs of Australia and New Zealand 2020);
- *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (Department of Environment, Climate Change and Water [DECCW] 2010);
- *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010);
- *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010);
- *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011);
- *The Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance* (Australia International Council on Monuments and Sites 2013);
- *Aboriginal Cultural Heritage: Standards and Guidelines Kit* (NSW National Parks and Wildlife Service 1997);
- *Ask First: A Guide to Respecting Indigenous Heritage Places and Values* (Australian Heritage Commission 2002);

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

- *Engage Early – Guidance for proponents on best practice Indigenous engagement for environmental assessments under the Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) (Commonwealth Department of Environment and Energy 2016); and*
- *NSW Minerals Industry Due Diligence Code of Practice for the Protection of Aboriginal Objects (NSW Minerals Council 2010).*

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## 4. Existing environment

### 4.1 Aboriginal history

Aboriginal people of the Kamilaroi (or Gamilaraay) language group occupied the North West Slopes and Plains at the time of European contact. The territory of the Kamilaroi extended from Singleton in the south to the Warrumbungle Mountains in the west and incorporated areas today associated with Quirindi, Tamworth, Narrabri, Boggabri, Walgett, Moree and Mungindi in northern NSW, as well as some parts of southern Queensland. Tribal boundaries were linked with physiographic features (e.g. mountain ranges) and should not be considered as rigid lines in the landscape.

European observers noted that the Kamilaroi were hunter-fisher-gatherers who appeared to lead a semi-nomadic lifestyle. Much of the country close to the river consisted of open woodland where Aboriginal landscape management practices, such as cold season burn-offs, had modified the landscape to make it more productive (i.e. attracting grazers).

In the past 150 years, pastoralist activities, farming, forestry, mining and other intensive land management practices have combined to significantly alter the fabric of the North West Slopes and Plains landscape. Changes in fire regime have also resulted in the development of more intense bushfires. As a result of these influences, it is likely that the majority of artefact scatters have either been significantly disturbed or eroded, while the potential for traditional scarred trees to survive clearing and logging activities, as well as fire, is considered to be low.

### 4.2 Natural resources

A variety of natural resources would have been available to the local Aboriginal population. The Kamilaroi caught fish, eels, freshwater crayfish, yabbies, tortoises and freshwater mussels in the Namoi River and other streams and wetlands in the region. Watercrafts were constructed from large slabs of bark cut from river red gum trees.


Reed nets were used to catch birds, whose eggs were also collected. Other animals that Kamilaroi hunted included kangaroos, wallabies, possums, emus, echidnas, lizards, snakes, and frogs. A wide variety of plant foods were also collected, including wild orange, native lime, tubers, yams, and roots.

### 4.3 Previous archaeological investigations

Since 2007, a number of Aboriginal cultural heritage surveys and assessments have been conducted for the development of Narrabri Mine, as summarised below<sup>2</sup>:

- 2007 - an initial Aboriginal archaeology survey was conducted for the Pit Top Area to accompany the Stage 1 Narrabri Coal Project Environmental Assessment;
- 2009 - an investigation was then conducted for the initial longwall mining area and associated infrastructure to support the Stage 2 EA;
- 2009 - a comprehensive survey of former LW 1 to LW 7 and water pipeline was conducted, as well as preliminary reconnaissance of former LW 8 to LW 26 which were considered as having higher potential for Aboriginal site occurrence and identification;
- 2010 - the spatial extent of known Aboriginal sites within former LW 1 to LW 5 was investigated;

<sup>2</sup> all Aboriginal cultural surveys and assessments were undertaken in consultation with the RAPs.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

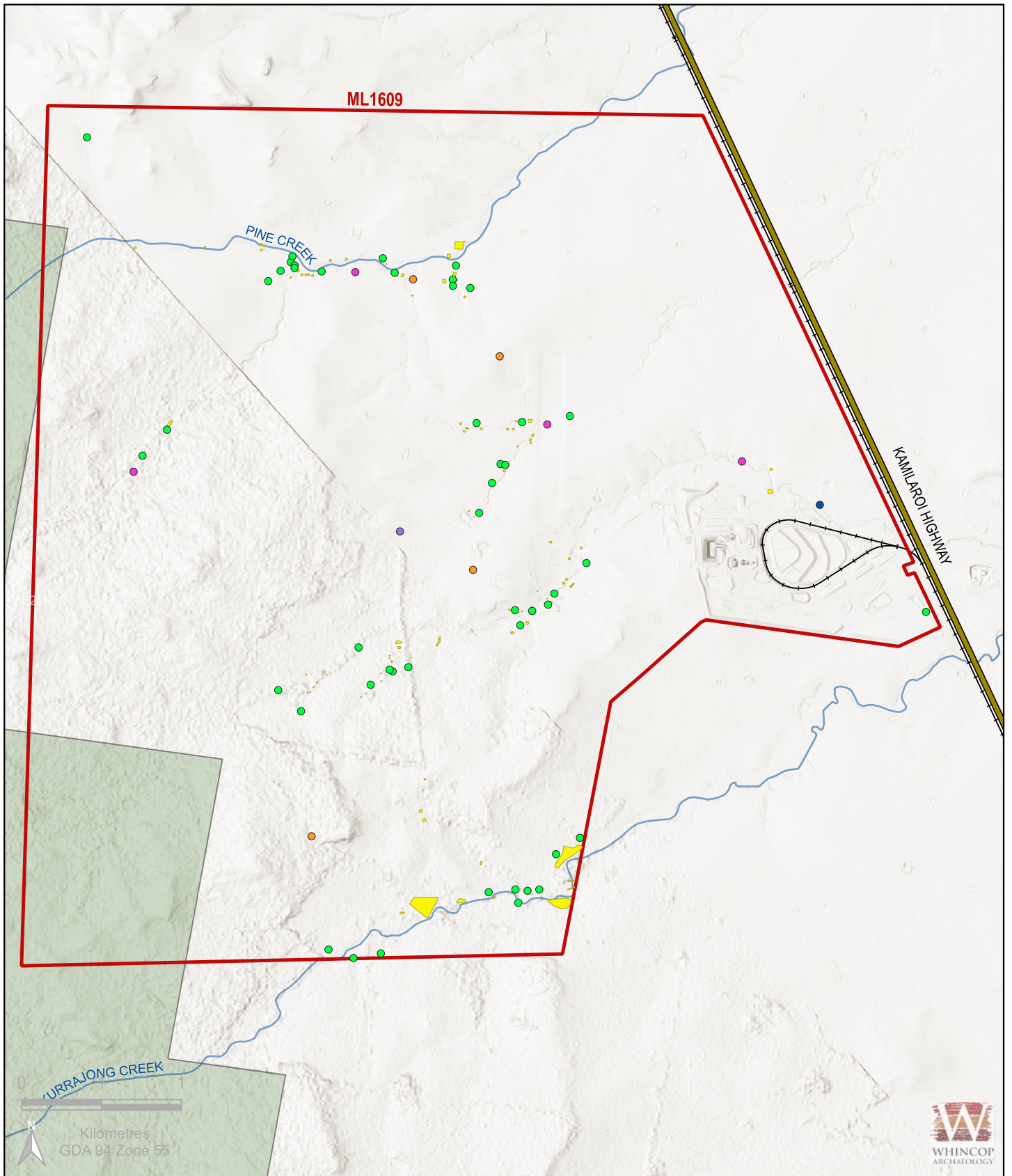
- 2012 - followed by another detailed archaeological investigation above former LW 6 and LW 7;
- 2012 - an archaeological survey above former LW 2 and LW 3 to assess potential axe grinding grooves (GGs);
- 2013 - an archaeological survey was conducted above former LW 8 to LW 13 as part of MOD 5;
- 2015 - an Aboriginal Cultural Heritage Assessment (**ACHA**) was then prepared for the Narrabri Mine for MOD 5;
- 2018 - an archaeological survey was conducted above former LW 118 to LW 120;
- 2019 – a comprehensive archaeological survey was undertaken for Narrabri Mine Stage 3 Extension Project within land subject to the proposed expansion. Due to the size and extent of the investigation area, the site was divided into 124 discrete survey units based on property, landform, and accessibility. The ACHA was conducted in accordance with the Secretary’s Environmental Assessment Requirements over proposed LW 203 to LW 210. The survey was informed by the archaeological predictive model and focused on areas:
  - containing mature native trees in association with the larger creeks and drainage lines; and/or
  - within 200 m of a named watercourse and/or 100 m of a mapped drainage line and/or 50 m of a known Aboriginal cultural heritage site and on slopes no greater than 30°; and/or
  - where sandstone outcrops are likely to occur.

#### 4.4 Aboriginal cultural heritage sites












Recent searches of the AHIMS database (Search IDs 786667 and 789740 – see Appendix C) revealed records for 169 locations, of which two are outside the mining lease, five have been incorporated into larger sites and nine have been salvaged. As a result, a total of 153 ‘valid’ Aboriginal cultural heritage sites are knowingly located within the Narrabri Mine ML 1609 boundary, including 96 artefact scatters, 47 isolated finds, four grinding grooves, four scarred trees, a hearth, and an Aboriginal Resource and Gathering site (refer to Figure 4-1). Archaeological investigations at the mine have determined that artefact scatters are generally located in close proximity to creeks and drainage lines, in particular Kurrajong Creek and its tributaries. Artefact densities quickly reduce with an increase in distance from water. This phenomenon is well attested across the broader Gunnedah Basin, with archaeological investigations at nearby mines (Maules Creek, Boggabri, Tarrawonga, and Vickery) confirming the close relationship between artefact density and water.

Appendix D, Table D-1 provides the full list of Aboriginal cultural heritage sites for the Narrabri Mine. The sites are listed according to their AHIMS ID; the original site numbers assigned by NCOPL have been removed. All Aboriginal cultural heritage sites are now referenced in this Plan by the registered site name and AHIMS ID (e.g. Pine Creek T2/OS 1 AHIMS 19-3-0084). Figure 4-2 provides an overview of the Aboriginal cultural heritage sites in relation to the approved surface disturbance footprint.





**LEGEND**

- |  |              |   |
|--|--------------|---|
|  | ML1609       | <b>Aboriginal sites</b>   |
|  | Highway      |  Grinding Grooves  |
|  | Railway      |  Hearth            |
|  | Watercourse  |  Isolated artefact |
|  | State forest |  Resource site     |
|  |              |  Scarred Tree      |
|  |              |  Artefact Scatter  |







**NARRABRI MINE**

**FIGURE 4-1**  
Aboriginal Cultural Heritage Sites






**LEGEND**

- |  |   |
|--|---|
|  ML1609                        |  Highway |
|  Surface disturbance footprint |  Roads   |
|  Aboriginal sites              |  Railway |

**NARRABRI MINE**

**FIGURE 4-2**  
Aboriginal Cultural Heritage Sites  
Relative to Surface Disturbance



	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

## 4.5 Aboriginal community consultation

Comprehensive consultation was undertaken for the Narrabri Mine Stage 1 and Stage 2 assessments in accordance with the relevant legislation and guidelines. Consultation mechanisms included information sessions, public notices, written and verbal correspondence, archaeological survey attendance and site inspections.

## 4.6 Cultural values

Consultation regarding cultural values established several themes of traditional knowledge, these are:

- Inter-connectedness of places - traditionally, Kamilaroi people are considered to have traversed the broader region for trade, hunting and foraging along established routes defined by the topography (e.g. certain creek lines and ridgelines);
- 'Nature' and 'Culture' - some Aboriginal people do not make a clear distinction between the natural world and culture, as the two things are closely intertwined (e.g. totemic species). RAPs identified some flora and fauna species of traditional importance to them; and
- Access - some Kamilaroi people have a keen interest in their history and traditions, and they wish to be afforded opportunities to access Country.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## 5. Predicted impacts

Aboriginal cultural heritage sites have the potential to be indirectly impacted as a result of:

- subsidence associated with underground mining activities;
- potential ponding of surface water as a result of subsidence;
- deposition of dust generated by mining;
- accidental disturbance by peripheral activities; and
- inappropriate visitation of known Aboriginal cultural heritage sites, including the unauthorised removal of Aboriginal objects.

### 5.1 Scientific significance

The assessment of cultural heritage value or ‘significance’ is a fundamental component of the heritage management process in that it assists in determining which sites, places, landscapes, environments and items are of sufficient importance that they require more careful management and conservation.


The assessment of the significance of Aboriginal cultural heritage sites is a complex process and involves the consideration of both scientific significance and the value to the local Aboriginal community (cultural significance). The Aboriginal cultural heritage values of the Narrabri Mine are commonly associated with the archaeological evidence within the mining lease boundary and its cultural significance for RAPs. All identified Aboriginal archaeological sites within the mining lease boundary have been identified by RAPs as being culturally significant. These archaeological sites have the potential to provide RAPs a link between the past and the present, and they should be cared for appropriately.

Scientific significance of the archaeological sites at Narrabri Mine have been assessed by examining the research potential and rarity/representativeness of the Aboriginal cultural heritage sites recorded. The resulting scientific significance of archaeological sites identified during the Stage 2 and Stage 3 investigations are included in Appendix D. The scientific significance for Aboriginal cultural heritage sites within the mine area have been assessed as predominately low (n = 149). This is due to these sites containing low artefact densities (<10 artefacts) within disturbed deposits. The Narrabri Mine contains nine sites of medium scientific significance, which includes a scarred tree, a grinding grooves site, and seven artefact scatters with research potential. The Narrabri Mine also contains six sites of high significance, all of which are located within ML1609. Sites of high significance include a fireplace (AHIMS 19-6-0093), a scarred tree, two grinding groove sites and two artefact scatters with potential in situ subsurface deposits.

### 5.2 Potential impacts from surface development

The Stage 2 assessment identified that mining activities may have the potential to impact Aboriginal cultural heritage sites, both as a result of surface disturbing activities (i.e., associated with the progressive development of mine ventilation and gas drainage infrastructure) as well as subsidence impacts (refer to section 5.3).

It is anticipated that none of the known sites will be directly impacted by mining operations; however, some flexibility in the development footprint is needed over the life of the mine due to further detailed mine planning, operational/mine safety requirements, and for specific siting of infrastructure to minimise impacts. Due to the current design, surface disturbance will not result in a loss of value of the known Aboriginal cultural heritage sites.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

### 5.3 Potential impacts from subsidence

The likely impacts from subsidence on sites identified as part of Stage 2 were assessed as ‘minimal’, with the exception of Claremont GG1. This site is located on exposed sandstone and has ‘low’ archaeological significance. Claremont GG1 is within the Mining Reduction Zone, which will be implemented by NCOPL to reduce potential impacts to this site (now considered ‘unlikely’).

Mine subsidence is generally considered to carry negligible risks for Aboriginal cultural heritage sites located on soil and similar ‘flexible’ surfaces. For this reason, the potential impacts from subsidence on artefact scatters and isolated artefacts are likely to be negligible.


The Extraction Plan – Aboriginal Heritage Management Plan details the management of potential subsidence impacts on objects or items of Aboriginal cultural heritage which may include the temporary salvage of artefacts within the subsidence area (refer to Appendix E).

A procedure for Subsidence Repair in Aboriginal Cultural Heritage Sites has been prepared in consultation with the RAPs to develop a methodology for conducting surface crack repair and other subsidence impacts within identified Aboriginal cultural heritage sites. The procedure aims to enable rehabilitation activities which avoid and/or minimise any potential adverse impacts to Aboriginal cultural heritage values.

An assessment of the likely impacts of subsidence on the axe-grinding groove sites identified as part of the Stage 3 assessment concluded that only grinding groove sites located on bedrock are likely to be impacted as loose boulders are unlikely to crack. Mayfield GG1 is a grinding groove site of moderate scientific significance (and high cultural significance) and is thought to be located on sandstone bedrock and, therefore, has been assessed as having a ‘possible to likely’ potential for cracking.

### 5.4 Cumulative impacts

The cumulative effect that may result from the development and operation of the mine is considered to be low and will be mitigated by the management measures recommended in section 6.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

## 6. Management and mitigation measures

The mitigation and management measures detailed in the following sections have been developed in consultation with the RAPs, in consideration of the cultural and scientific significance of Aboriginal cultural heritage sites identified within the surface development footprint, which has been designed to avoid all known Aboriginal cultural heritage sites. In accordance with Schedule 2, Condition 1 of the Project Approval, NCOPL will implement all practicable measures to prevent and/or minimise any harm to the environment that may result from the construction, operation, or rehabilitation of the project. These measures will also extend to Aboriginal objects and places identified outside the approved disturbance area.

### 6.1 Surface development footprint


NCOPL will implement the following measures (or protocols) to manage the potential impacts of surface disturbance:

- maintain an up to date spatial database of known Aboriginal cultural heritage sites and mark these sites on relevant mine documentation and plans;
- continue to implement a protocol for surface disturbance works to reduce the risk of accidental damage to known Aboriginal cultural heritage sites (i.e. demarcation of Aboriginal cultural heritage sites located in proximity to, but outside of, proposed disturbance areas);
- the location of known Aboriginal cultural heritage sites will be considered during final detailed engineering designs of surface infrastructure;
- surface impacts will be avoided at the grinding groove site Mayfield GG1, and within the Mining Reduction Zone (Clermont GG1);
- where practicable, known Aboriginal cultural heritage sites will be avoided during construction and operational works associated with components with flexible design;
- where changes to current design of the Surface Development Footprint mean that avoidance of known Aboriginal cultural heritage sites is not practicable<sup>3</sup>, the site(s) will be subject to salvage of a representative collection of visible surface artefacts in consultation with the RAPs, and an assessment undertaken whether the site is likely to hold in situ subsurface archaeological deposits that warrant excavation;
- protocols for the management of previously unidentified Aboriginal cultural heritage sites and/or human remains will be implemented;
- a protocol to be developed that prescribe the involvement of RAPs in cultural heritage works conducted under this Plan; and
- a communication protocol to be developed that describes clear methods of communication, including expectations of suitable notification and response times between NCOPL and the RAPs.

Options for the final storage location (Keeping Place) of any collected artefacts is to be determined in consultation with the RAPs, with consideration of returning all cultural objects to the landscape post-rehabilitation and/or retaining for use by the Aboriginal community for display/educational purposes.

Section 6.2 outlines further protection measures for vegetation clearing and soil stripping to be implemented during disturbance activities.

<sup>3</sup> in the interest of mine safety, there may be limited scope to relocate critical mine safety infrastructure.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## 6.2 Vegetation and soil striping measures

Any soil disturbance work within 100 m of a watercourse or drainage line, or in areas not previously inspected by RAPs for cultural heritage purposes requires the presence of the RAPs to monitor the works and minimise the risk of Aboriginal sites/objects of being disturbed by clearing activities (refer to section 7.3.1 for further detail).

Should an emergency situation arise that requires vegetation clearance (e.g. firefighting, hazardous materials spill) in the vicinity of protected Aboriginal cultural heritage sites, vegetation clearance will be undertaken with minimum possible disturbance to the topsoil. Under section 87A of the NP&W Act, the concept of 'Harming or desecrating' Aboriginal objects or places does not apply for:

- emergency firefighting or bush fire hazard reduction work within the meaning of the NSW *Rural Fires Act 1997* that is authorised or required to be carried out under that Act; and
- anything authorised by or under the NSW *State Emergency and Rescue Management Act 1989* in relation to an emergency (within the meaning of that Act) and that is reasonably necessary in order to avoid an actual or imminent threat to life or property.

Activities relating to maintenance, construction and initial mining, or operational activities do not comprise emergency situations.


## 6.3 Subsidence areas

The following measures will be undertaken to manage potential impacts to Aboriginal cultural heritage sites from subsidence throughout the life of mine:

- where subsidence-related impacts such as surface cracking are identified within the boundary of an existing site of moderate or high scientific significance, the site will be inspected by representatives of the RAPs and an appropriately qualified specialist (e.g. archaeologist, geologist, geomorphologist) to determine the nature and extent of impacts, and to provide advice on whether mitigation is required or feasible;
- mitigation measures may include further monitoring, surface collection or open area salvage excavation (if warranted);
- implementation of the Mining Reduction Zone for Claremont GG1; and
- investigations of the grinding groove site Mayfield GG1 by an appropriately qualified specialist (e.g. archaeologist, geologist, geomorphologist) and RAPs are required to determine potential connection to bedrock (see section 7.3.3). If connection to bedrock is identified, additional management measures will be determined on the advice from the qualified archaeologist and in consultation with the RAPs.

A procedure for subsidence repair in the vicinity of Aboriginal cultural heritage sites has been prepared in consultation with the RAPs to develop a method for conducting surface crack repair and other subsidence impacts. The procedure aims to enable rehabilitation activities which avoid and/or minimise any potential adverse impacts to Aboriginal cultural heritage values.

Site specific subsidence management measures will be detailed in the Extraction Plan - Aboriginal Heritage Management Plan, with the proposed measures subject to approval by the RAPs and the relevant regulatory agencies.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## 6.4 Additional measures

In addition to the above, NCOPL will implement the following additional measures that have been formulated in consultation with the RAPs:

- seek to minimise the risk of inadvertent damage to Aboriginal cultural heritage sites by promoting an awareness of heritage conservation via the induction process;
- a comprehensive Aboriginal Cultural Heritage Sites Database (section 7.4), which contains all relevant information of Aboriginal cultural heritage sites located at the Narrabri Mine and surrounds, will be established and maintained for the life of mine;
- all known Aboriginal cultural heritage sites within the mine site will be fenced and appropriately signed to avoid accidental damage;
- maintain ongoing consultation with the Aboriginal community over the life of mine, including appropriate Aboriginal representation during archaeological fieldwork;
- provide opportunities for Aboriginal community members to access known Aboriginal cultural heritage sites located on NCOPL owned land in accordance with relevant work health and safety requirements; and
- investigate opportunities to incorporate RAPs in on site activities such as biodiversity management and rehabilitation.

Should any skeletal remains be identified, work in that location will cease immediately and the find notified to the relevant authorities (including the NSW Police) (see Appendix F). Subject to the NSW Police requiring no further involvement, the management of any Aboriginal skeletal remains will be determined in consultation with Heritage NSW and the RAPs.

### 6.4.1 Management protocols and procedures


NCOPL have developed numerous protocols and procedures for the protection of Aboriginal cultural heritage sites and to implement the mitigation measures detailed above, which are provided as appendices to this ACHMP:

- Appendix E - Site salvage procedure
- Appendix F - Discovery of possible human remains procedure
- Appendix G - Salvage and curation of scarred trees procedure
- Appendix H - Accidental damage to known sites procedure
- Appendix I - Unidentified Aboriginal cultural heritage sites procedure
- Appendix J - Consultation and communication protocol

Appendix E to J provide further details regarding the roles and responsibilities of the RAPs.


### 6.4.2 Permit to work

No personnel, including contractors, are permitted to carry out surface disturbance or excavation work without a permit to work. The purpose of the permit to work is to ensure there are adequate controls in place to reduce the potential for loss or damage to Aboriginal cultural heritage sites and/or breach NCOPLs legislative obligations. Prior to issuing the permit to work, environmental compliance checks will assess the proposed disturbance for potential to impact on environmental and/or known Aboriginal cultural heritage sites.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

Surface disturbance works will, wherever possible, be designed to avoid impacts to identified Aboriginal cultural heritage sites. In the event that disturbance to the Aboriginal cultural heritage site cannot be avoided, the salvage of the impacted site(s), which requires approval of the Planning Secretary, will be managed as per the site salvage procedures.



	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

## 7. Conservation program

### 7.1 Principles and commitments

NCOPL recognises the importance of Aboriginal sites to all traditional owners, members of the RAPs, and its obligations under the NP&W Act. NCOPL is committed to undertaking all activities in a manner which conserves the Aboriginal cultural heritage values identified within the mine site and surrounding areas, including offset areas. Central to the satisfaction of this commitment will be the continuation of an open and honest relationship and regular consultation between NCOPL, the RAPs and the relevant NSW regulatory agencies.

The NCOPL Aboriginal cultural heritage Conservation Program has been prepared based on all Aboriginal cultural heritage surveys and assessment recommendations, and in consultation with the RAPs.

The following sections detail the program currently implemented to enhance and conserve Aboriginal cultural heritage values.

### 7.2 Methods of investigation

In order to identify any Aboriginal cultural heritage sites within Narrabri Mine, cultural heritage surveys and assessments generally follow the steps outlined below:

1. A review of the available archaeological information on and surrounding the mine site.
2. A reconnaissance field survey of the areas considered likely to contain cultural heritage values e.g. drainage lines and rocky outcrops. The field surveys include on-site representatives of the RAPs.
3. The location of any identified Aboriginal cultural heritage sites is recorded and plotted, and the Aboriginal Cultural Heritage Sites Database updated accordingly.
4. Additional areas of potential archaeological sensitivity within the mine site identified through consideration of the field assessment survey results.
5. The significance of Aboriginal cultural heritage sites or objects identified during the reconnaissance survey/s are assessed by a qualified archaeologist in consultation with the RAPs.
6. A set of management procedures for all identified sites and areas of potential archaeological sensitivity identified within the mine site is developed.
7. The impact on Aboriginal cultural heritage as a result of the surface disturbance on the mine site is assessed.

### 7.3 Site protection

All known Aboriginal cultural heritage sites within the mine site will be fenced and appropriately signed to avoid accidental damage. The fencing of any newly identified Aboriginal cultural heritage sites will adhere to the Unidentified Aboriginal cultural heritage sites protocol (Appendix I). Fencing will fully enclose the extent of each site, to be determined according to the Aboriginal Cultural Heritage Sites Database and in consultation with a qualified archaeologist and RAPs, and will include the following buffer:

- artefact site – site extent with 10m buffer;
- scarred tree – extent of canopy (i.e. outermost circumference) with 5m buffer;

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

- grinding grooves – site extent with 10m buffer;
- hearth – site extent with 10m buffer; and
- resource site – site extent with 5m buffer.

As stock will be accessing areas of the mining lease, and to protect Aboriginal cultural heritage values, each known Aboriginal cultural heritage site will comprise of sturdy and durable stock proof fencing that is consistent with farm fencing. A high visibility sign will be positioned on the fencing perimeter to identify the area as an archaeological site. The signs will include the below, or similar wording:

“Archaeological Site – Do Not Disturb – Contact Environmental Officer”.

Stock proof fencing is deemed to be long-term structures that do not warrant constant monitoring. Therefore, an annual audit of existing site fences will be undertaken to ensure fencing is maintained and in good condition.

### 7.3.1 Cultural Heritage Monitors

To reduce the risk of impacts on previously unidentified Aboriginal cultural heritage values, a Cultural Heritage Monitor/s is required (acting as a representative of the RAPs) on site during disturbance activities within the areas identified in Figure 7-1 (i.e. any soil disturbance work within 100 m of a water course or drainage line).

The monitors will generally walk the proposed area immediately prior to vegetation clearing and will also be in attendance during excavation works (to 400mm depth). All parties (i.e., machine operators, cultural heritage monitors, ecologists) must sign onto a Permit to Work form (section 6.4.2) prior to undertaking the disturbance activity.

The Environmental Superintendent will arrange for monitors to attend site for the proposed works.

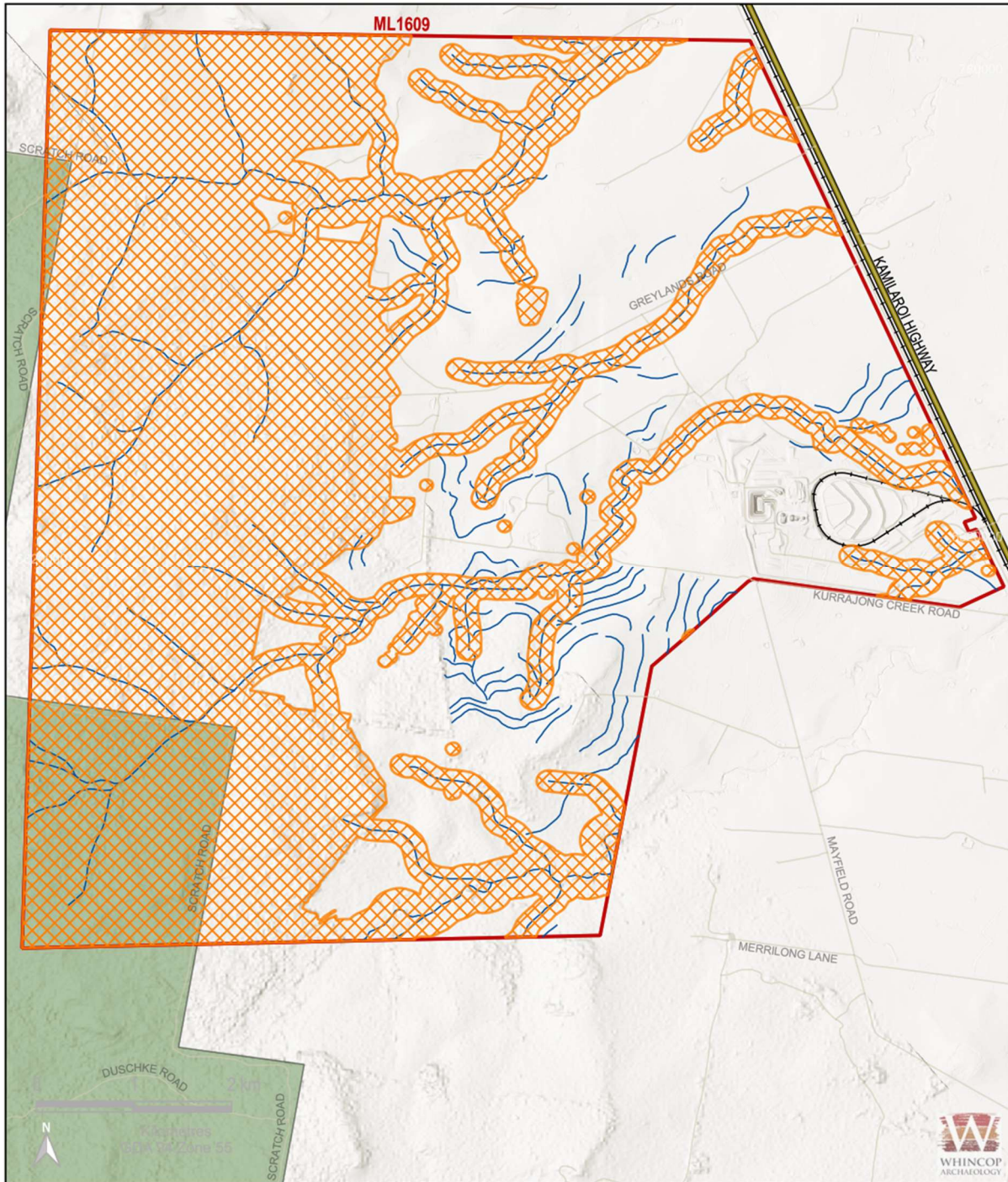
In the event that a new Aboriginal site is identified, and in accordance with the procedures documented within this ACHMP, the relevant site details will be submitted to AHIMS for registration. The Narrabri Aboriginal cultural heritage sites database will be updated accordingly (section 7.4). Any salvaged artefacts will be stored in the current Keeping Place, in accordance with section 7.5.



**NARRABRI MINE  
ENVIRONMENTAL  
MANAGEMENT  
SYSTEM**

Document owner:	Environmental Superintendent
Document approver:	General Manager
Revision period:	3 years
Revision:	6
Last revision date:	8 June 2023

**WHC\_PLN\_NAR\_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN**



**LEGEND**

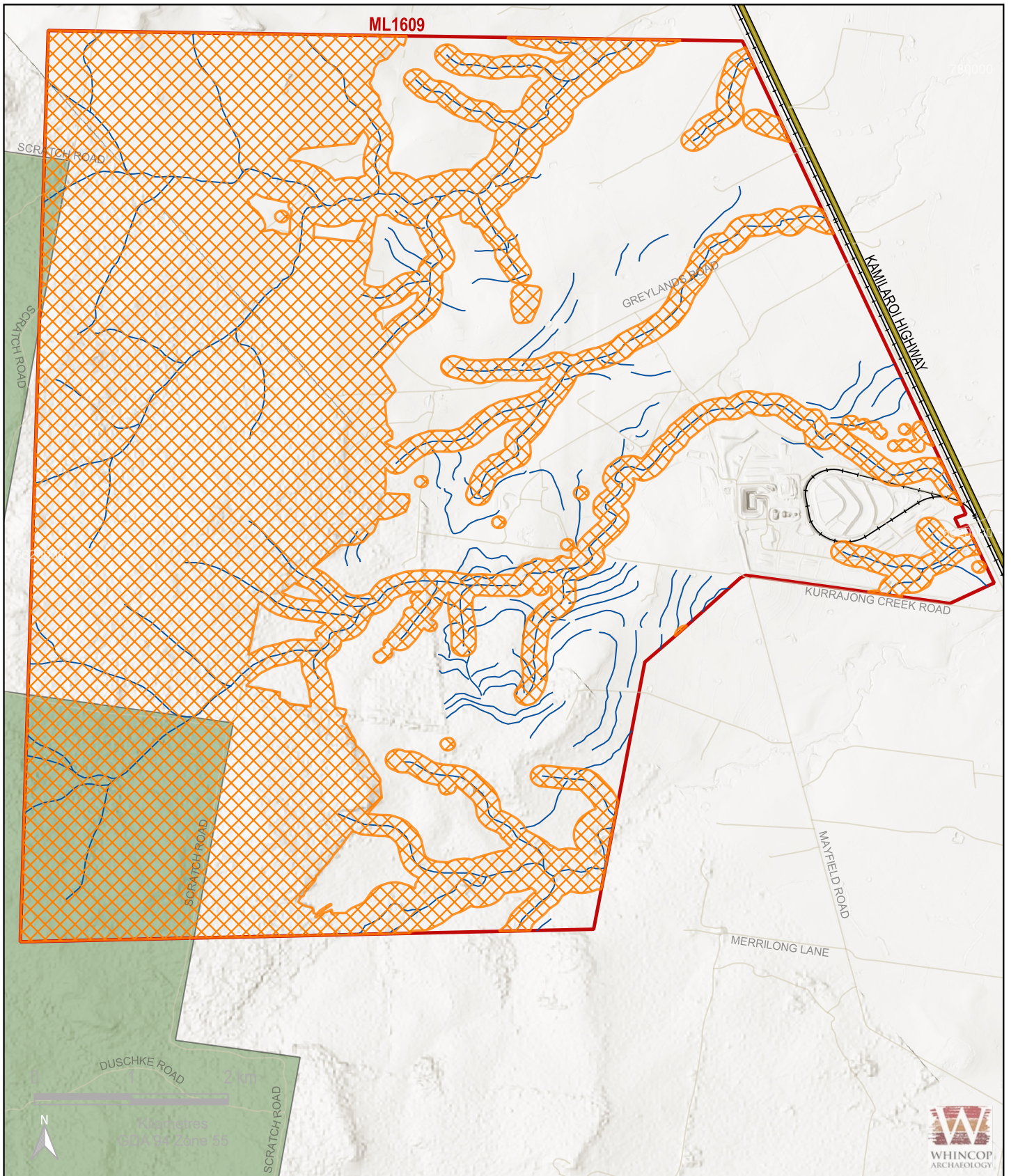
- ML1609
- Areas requiring RAPs
- Highway
- Railway
- Watercourses

**NARRABRI MINE**






**FIGURE 7-1**  
Aboriginal Cultural Heritage Sensitive Areas

**Figure 7-1 Areas requiring cultural heritage monitors**





**LEGEND**

-  ML1609
-  Areas requiring RAPs
-  Highway
-  Railway
-  Watercourses

**NARRABRI MINE**

**FIGURE 7-1**  
Aboriginal Cultural Heritage Sensitive Areas

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

### 7.3.2 Monitoring impacts of the development

A program to monitor impacts of the development on Aboriginal cultural heritage sites and to monitor the effectiveness of the management measures will be described in the relevant Extraction Plan. The program will include monitoring of all identified Aboriginal cultural heritage sites prior to, during and six months following cessation of mining of the relevant Extraction Plan longwall panels.

As discussed in section 7.3, NCOPL will conduct annual audits of stock proof fencing to ensure fencing is maintained and in good condition.

### 7.3.3 Mayfield GG1 Investigations

Mayfield GG1 is subject to indirect impacts associated with the effects of subsidence or, if connected to bedrock, may be subject to potential cracking and/or possible erosion damage. NCOPL will undertake further investigation within 6 months of the approval of the Extraction Plan - Heritage Management Plan for LW 203 to LW 206 (and prior to the commencement of secondary workings) to determine the potential connection to bedrock with an appropriately qualified specialist (e.g. archaeologist, geologist, geomorphologist) and the RAPs.

If the investigations determine that the site is connected to bedrock, additional management measures will be determined in consultation with the appropriately qualified specialist and the RAPs. These measures may include electronic monitoring equipment, regular inspections by the RAPs, and/or potential relocation of the grinding grooves to a suitable location. The *Narrabri Mine Subsidence Assessment for Longwalls LW203 to LW206* (DGS, 2022) suggests that partial soil excavation around each slab with hand tools may reduce strain transfer into the slabs during subsidence and reduce the potential for cracking.

An action plan will be developed for the management of this site following the investigation which will include the outcomes of the investigation and will outline the mitigation options determined in consultation with the RAPs.


During active subsidence, NCOPL will monitor Mayfield GG1 on a monthly basis to assess potential cracking and subsidence impacts. Monitoring for cracking will cease once monitoring indicates that subsidence movement has ceased.

### 7.3.4 Biodiversity offset areas

The management of Aboriginal heritage sites and values within the Biodiversity Offset Areas (**BOAs**) is consistent with this ACHMP. There is not expected to be any conflict between biodiversity management works in the offset areas and any cultural and historical heritage values and sites by adopting the following measures:

- any new offset area will have an Aboriginal heritage due diligence assessment completed prior to commencing biodiversity management works that cause surface disturbance. In addition, prior to biodiversity management works (e.g. fire break track maintenance, revegetation ground preparation or infrastructure/asset removal), NCOPL will review the Aboriginal cultural heritage site locations to avoid these being impacted;
- any existing tracks that traverse a known Aboriginal cultural heritage site can continue to be used by 'soft' wheel vehicles (i.e., rubber tyres) and can be maintained accordingly. These portions of track, however, cannot be graded or be subjected to ground disturbance activities. An alternative track location is the preferred option;



	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

- no ground disturbance works can be undertaken at the location of any Aboriginal cultural heritage sites. An Aboriginal Heritage Impact Permit (AHIP) must be obtained from the relevant authority before any Aboriginal cultural heritage site can be impacted on a biodiversity offset, if impact is unavoidable;
- routinely maintain and update the Aboriginal cultural heritage sites database with newly identified cultural heritage sites (see section 7.4);
- all Aboriginal cultural heritage sites within BOAs will be fenced and appropriately signed to avoid inadvertent impact or disturbance during biodiversity management activities. Signage will include a WHC contact number so that only authorised access can be permitted, and all activities must be authorised;
- all Aboriginal cultural heritage sites will have an annual fencing inspection to ensure the integrity of the fencing and site condition has not been compromised and that heritage sites are appropriately managed; and
- if any potential Aboriginal cultural heritage objects, artefacts, or human remains are identified during biodiversity management activities; the procedures documented in Appendix E to Appendix I will be implemented.

The Narrabri Mine Stage 2 Biodiversity Offset Strategy further outlines the management of Aboriginal cultural heritage sites within the Narrabri Mine BOAs. The management of Aboriginal cultural heritage sites for these areas will be undertaken in accordance with the *'NSW Minerals Industry Due Diligence Code of Practice for the Protection of Aboriginal Objects'*.

## 7.4 Aboriginal cultural heritage sites database

A comprehensive Aboriginal cultural heritage sites database, which contains the name, AHIMS number, site type, scientific (or other) significance, coordinates and status of all Aboriginal cultural heritage sites located within and surrounding the site (including within the offset areas) has been established and will be maintained for the life of mine. This database will be maintained with accurate and up-to-date information.

NCOPL will contact Heritage NSW to advise of any errors in the AHIMS register where discrepancies are identified. Updates to the NCOPL Aboriginal cultural heritage sites database will be undertaken as required.

Each of the identified Aboriginal cultural heritage sites has been registered with AHIMS and site cards retained by NCOPL.

## 7.5 Keeping Place

Consultation with RAPs to identify a culturally appropriate keeping place for all salvaged material from the Narrabri Mine has begun. Although a final Keeping Place has not yet been determined, a Care Agreement, as required under the NP&W Act, will be required for all salvaged artefacts. An Interim Keeping Place has been established for the storage of salvaged Aboriginal objects from the salvage program. This Interim Keeping Place consists of a locked cupboard within the NCOPL offices at the mine site.

Consultation regarding the final Keeping Place is ongoing and will be discussed with all RAPs at the biennial RAP consultation meetings.

Following closure of the mine, RAPs will be consulted to determine whether and, if so, where previously salvaged artefacts will be repatriated back onto Country.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

## 7.6 Induction and training

NCOPL seeks to minimise the risk of inadvertent damage to Aboriginal cultural heritage sites by promoting an awareness of heritage conservation via the induction process. All NCOPL personnel have a duty of care to protect and manage Aboriginal cultural heritage sites from adverse impacts.

All personnel undertaking work at Narrabri Mine are required to complete an induction package, which includes a training module focusing on Aboriginal cultural heritage awareness. The module provides information in relation to the presence, identification, reporting and protection of Aboriginal cultural heritage sites within and surrounding the site.

The induction package was developed in consultation with the RAPs and is delivered through an NCOPL on-line portal.

NCOPL retains records of all completed inductions.

## 7.7 Ongoing RAP consultation

NCOPL is committed to maintaining ongoing consultation with RAPs throughout the life of mine. Ongoing consultation with RAPs will occur via scheduled meetings that are open to the applicable RAPs. The objectives of the meetings are to provide a forum for RAPs to raise any issues they may have regarding the mine and for NCOPL to provide updates.

Meetings with RAPs will be convened by NCOPL every six months. Issues that may be discussed in the meetings include, but are not limited to:

- mine progress;
- update on the Keeping Place;
- fieldwork timing and arrangements;
- fieldwork policies and protocols;
- implementation of Aboriginal Cultural Awareness Training;
- ACHMP review;
- key results of any fieldwork (including the outcomes of salvage activities and post-salvage analysis and any additional training opportunities); and
- RAP input on, and facilitating access to, certain species of flora and fauna for cultural purposes.

RAPs will be notified of upcoming meetings with a minimum of 14 days' notice.

Aboriginal community members other than RAPs may attend individual meetings, if agreed by NCOPL prior to the meeting.

Additional meetings with RAPs (i.e. in addition to the scheduled meetings) may be held on an as needed/requested basis if agreed by NCOPL, and may be called to address issues that cannot be dealt with by means of established protocols.

Meeting notes (minutes) of all RAP meetings will be made available to all RAPs at subsequent meetings.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			


## 8. Contingency plan

In the event that a non-compliance against a performance measure has occurred, or is likely to occur, NCOPL will:

1. Report the non-compliance as soon as practicable to the relevant agencies as required under the Project Approval and relevant legislation in accordance with section 9.
2. Identify and implement an appropriate course of action with respect to the non-compliance in consultation with a suitably qualified person/s, relevant agencies and the RAPs.
3. Review the effectiveness of the ACHMP management measures in accordance with section 10.3.

A Trigger Action Response Plan will be developed as part of the relevant Extraction Plan/s to identify, assess, and respond to triggers and manage risks associated with meeting the Aboriginal cultural heritage performance measures.



	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## 9. Incidents and non-compliance

### 9.1 Incident notification

An incident is defined under the Project Approval as *a set of circumstances that causes or threatens to cause material harm, and/or breaches or exceeds the limits of performance measures/criteria*. Material harm to the environment is defined under the Project Approval as *involving actual or potential harm to the health or safety of human beings or to the environment that is not trivial*. This definition excludes “harm” that is authorised under the Project Approval or any other statutory approval (e.g., the Environmental Protection Licence).

In the event of any exceedance of the performance criteria, NCOPL will advise the Secretary and any other relevant agencies as soon as practicable after becoming aware of the incident, in accordance with Schedule 6 Condition 4. Within 7 days of the event, NCOPL will also provide the Secretary and any relevant agencies a detailed report which will:

- describe the date, time and nature of the exceedance/incident;
- identify the cause (or likely cause) of the exceedance/incident;
- describe what action has been taken to date; and
- describe the proposed measures to address the exceedance/incident.

Notifications to the NSW Environment Protection Authority will be made by contacting the Environment Line on 131 555 and written details of the notification will be provided within 7 days of the date on which the incident occurred.

Incident reporting and emergency response is further described in NCOPLs Environmental Management Strategy.

### 9.2 Non-compliance notification

In accordance with Schedule 6 Condition 2, where a non-compliance with a statutory requirement/s or an exceedance of the relevant criteria or performance measures has occurred, NCOPL will, at the earliest opportunity, take all reasonable and feasible steps to ensure that the exceedance ceases and does not recur. Once this has been achieved, all reasonable and feasible options for remediation (where relevant) will be considered.

In accordance with Schedule 6 Condition 4, within seven days of becoming aware of a non-compliance, NCOPL will notify DPE of the non-compliance<sup>4</sup>. The notification will be made in writing via the Major Projects website and identify the development (including the development application number and name), set out the condition or requirement that the development is non-compliant with, why it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.

NCOPL will implement any reasonable remediation measures as directed by the Secretary, to the satisfaction of the Secretary.

<sup>4</sup> A non-compliance which has been notified as an incident under section 9.1 does not need to also be notified as a non-compliance under section 9.2.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## 10. Reporting, evaluation and review

### 10.1 Annual review

In accordance with Schedule 6 Condition 6, NCOPL will review the performance of its environmental management for the previous calendar year and report the relevant results within the Annual Review, to the satisfaction of the Secretary. The Annual Review will at minimum provide information regarding the effectiveness of the management measures to prevent, and if prevention is not reasonable and feasible, to minimise any impact on Aboriginal cultural heritage values.

Further, the Annual Review requires a number of items to be reviewed or assessed. In summary these are:

- monitoring results and complaints;
- non-compliances and incidents;
- compliance with performance measures;
- discrepancies between predicted and actual impacts; and
- measures to be implemented to improve environmental performance.

The Annual Review may also make recommendations for any additions, changes, or improvements to NCOPLs environmental management procedures.

The Annual Review will be made available on the WHC website.

### 10.2 Independent Environmental Audit

Prior to 13 September 2010, and every 3 years thereafter, unless the Secretary directs otherwise, NCOPL will commission and pay the full cost of an Independent Environmental Audit (**IEA**) of the development (Stages 1 and 2), to be conducted in accordance with the requirements of Schedule 6 Condition 7.

The audit team will be led by a suitably qualified auditor and the IEA will be conducted by suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary.

In accordance with Schedule 6, Condition 8, NCOPL will submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report within 6 weeks of the completing the audit, or as otherwise agreed by the Secretary.

### 10.3 ACHMP review and evaluation

As required by Schedule 6 Condition 3 of the Project Approval, within three months of any of the following:

- completion of an IEA (as required by Schedule 6 Condition 7);
- submission of an Incident Report (as required by Schedule 6 Condition 4);
- submission of an Annual Review (as required by Schedule 6 Condition 6); and
- any modification to the conditions of the Project Approval (unless the conditions require otherwise).

NCOPL will then review, and if necessary, revise this ACHMP. This is to ensure that the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the Narrabri Mine operations.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

Condition 3 of Schedule 6 further states that if the review determines that this ACHMP requires revision, then this will be completed to the satisfaction of the Secretary. A dedicated review register will be maintained which will provide the details of the review of all relevant strategies, plans and programs that need to be reviewed as required by Schedule 6 Condition 3 of the Project Approval. The revision status of this ACHMP is indicated in section 14.


## 10.4 Improvement measures

Project Approval Schedule 6 Condition 2(f) requires this Plan to include a program to investigate and implement ways to improve the environmental performance of the development over time. Improvement measures may be investigated through review of the following:

- monitoring data, and any assessment of trends;
- audit outcomes, including audits of Aboriginal cultural heritage management measures; and
- incident reports, including any community complaints.

Reasonable and feasible improvement measures will be implemented and documented as a management measure in a revision to the Plan as described in section 10.3.

In accordance with Schedule 6 Condition 2(g) a protocol for periodic review of this Plan has been addressed under section 10.3.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			


## 11. Complaints management

Any complaints received in relation to Aboriginal cultural heritage will be managed in accordance with the complaints management protocol as follows:

- Publicly advertised telephone complaints line, 1800WHAVEN, will be in place to receive complaints.
- Each complaint received will be recorded in a Complaints Register, which will include the following details:
  - date and time of complaint;
  - method by which a complaint was made;
  - personal details the complainant wishes to provide or, if no such details are provided, a note to that effect;
  - nature of the incident that led to the complaint;
  - action taken by NCOPL in relation to the complaint (i.e., any required remedial actions), including any follow-up contact with the complainant; and
  - if no action was taken, the reason why no action was taken.
- The Environmental Superintendent will be responsible for ensuring that an initial response is provided within 24 hours of receipt of a complaint (except in the event of complaints recorded when the mine is not operational or outside of usual business hours).
- Once the identified measures are undertaken, the Environmental Superintendent will sign off on the relevant complaint within the Complaints Register.
- If necessary, follow-up monitoring will take place to confirm the source of the complaint is adequately mitigated.
- A summary of the complaints will be maintained by NCOPL and made available to the Community Consultative Committee, the complainant (on request) and on the WHC website. A summary of complaints received every 12 months will be provided in the Annual Review.


In the event that any complainant considers that NCOPL has not adequately addressed their concerns, the NCOPL representative will convene additional meetings with the complainant. If the complainant believes the matter remains unresolved, and no further agreement can be reached as to additional measures to be undertaken, then they may refer the matter to DPE.



	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			


## 12. References

- Australian Heritage Commission (2002). *Ask First: A Guide to Respecting Indigenous Heritage Places and Values*.
- Archaeological Surveys and Reports Pty Ltd (ASR) (2009) *Aboriginal Heritage Assessment of the Narrabri Coal Mine – Stage 2 Longwall Project*. Prepared for Narrabri Coal Operations Pty Ltd (Part 5 of the Specialist Consultant Studies Compendium).
- Commonwealth Department of Environment and Energy (2016). *Engage Early – Guidance for proponents on best practice Indigenous engagement for environmental assessments under the Environment Protection and Biodiversity Conservation Act 1999*.
- Department of Environment, Climate Change and Water (DECCW) (2010a) *Aboriginal Cultural Heritage Consultation Requirements for Proponents*.
- Department of Environment, Climate Change and Water (DECCW) (2010b) *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales*.
- Ditton Geotechnical Services (2022). *Mine Subsidence Assessment for Longwalls LW203 to LW206 at the Narrabri Underground Mine*. Prepared for Narrabri Coal Operations Pty Ltd.
- Eco Logical Australia (ELA) (2014) *Narrabri Coal Mine Stage 1 and 2 Biodiversity Offset Strategy*. Prepared for Narrabri Coal Operations Pty Ltd.
- Heritage Chairs of Australia and New Zealand (2020) *Dhawura Ngilan: A vision for Aboriginal and Torres Strait Islander heritage in Australia*.
- ICOMOs (Australia) 2013. *The Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance*.
- National Parks and Wildlife Service (1997). *Aboriginal Cultural Heritage: Standards and Guidelines Kit*.
- Niche Environment and Heritage (NEH) (2015a) *Narrabri Mine Modification 5 Aboriginal Cultural Heritage Assessment*. Prepared for Narrabri Coal Operations Pty Ltd.
- Niche Environment and Heritage (NEH) (2015b) *Re: Narrabri Mine – Verification of Newly Identified Aboriginal Cultural Heritage Objects*. Prepared for Narrabri Coal Operations Pty Ltd.
- NSW Independent Planning Commission (April 2022). *Development Consent SSD 10269, Narrabri Underground Mine Stage 3 Extension Project*.
- NSW Minerals Council (NSWMC) (2010) *NSW Minerals Industry Due Diligence Code of Practice for the Protection of Aboriginal Objects*.
- Office of Environment and Heritage (OEH) (2011). *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW*.
- Resource Strategies Pty Ltd (2020) *Narrabri Underground Mine Stage 3 Extension Project – Environmental Impact Statement*. Prepared for Narrabri Coal Operations Pty Ltd.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			


R.W. Corkery & Co Pty Ltd (RWC) (2009) *Environmental Assessment for the Narrabri Coal Mine Stage 2 Longwall Project*. Prepared for Narrabri Coal Operations Pty Ltd.

Whincop Archaeology (2020) *Aboriginal Cultural Heritage Assessment for the Narrabri Underground Mine Stage 3 Extension Project*. Prepared for Narrabri Coal Operations Pty Ltd.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			


## 13. Glossary

Term	Definition
Aboriginal cultural heritage site	Location of evidence of Aboriginal occupation (typically, Aboriginal objects, but also places of traditional or historical cultural value for which no Aboriginal objects exist).
Aboriginal object	As defined under section 5 of the NP&W Act.
Aboriginal place	As defined under section 5 of the NP&W Act.
Aboriginal remains	As defined under section 5 of the NP&W Act.
Artefact	An object made by human agency (e.g. stone artefacts).
Assessment	Refers to an environmental assessment of the environmental consequences of a project prior to the decision to move forward with the proposed action.
Cumulative impacts	Combination of individual effects of the same kind due to multiple actions from various sources over time.
Department	Planning and Assessment Group within the NSW Department of Planning and Environment (DPE).
Development	The development described in the Stage 2 EA as modified by the Project Approval.
Environment	Includes all aspects of the surroundings of humans, whether affecting any human as an individual or in his or her social groupings.
Extent of canopy	A guide measurement used to prevent unnecessary damage to trees during construction works. It is defined as the outermost circumference of the tree's canopy, from which water drips onto the ground. It includes the soil and roots that lie within that circumference.
Heritage NSW	Heritage NSW within the Department of Premier and Cabinet.
Incident	A set of circumstances that causes or threatens to cause material harm to the environment, and/or breaches or exceeds the limits of performance measures/criteria in the Project Approval.
In situ	Latin terminology meaning 'undisturbed'.
Land	In general, the definition of land is consistent with the definition in the EP&A Act. However, in relation to the noise and air quality conditions in Schedule 4 of the Project Approval it means the whole of a lot, or contiguous lots owned by the same landowner, in a current plan registered at the Land Titles Office at the date of the Project Approval.
Material harm	Material harm to the environment is defined in section 147 of the <i>Protection of the Environment Operations Act 1997</i> .
Mine owned land	Land owned by a mining, petroleum or extractive industry company (or its subsidiary or related party).
Minimise	Implement all reasonable and feasible mitigation measures to reduce the impacts of the Project.
Mining operations	The extraction, processing and transportation of coal on the site, including the formation of mine access drifts and associated surface infrastructure such as gas and water drainage facilities.
Mitigation	Activities associated with reducing the impacts of the project.
MOD 5	Reduced the number of longwall panels from 26 to 20; increased the longwall panel widths for LW 107 to LW 120 from approximately 295 m to approximately 400 m; extended the western footprint approximately 60 m; and increased the maximum ROM coal processing rate from 8 Mtpa to 11 Mtpa.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

Term	Definition
MOD 7	Describes the change in mining method within the extent of the previously approved LW 201 and LW 202 and allows for up to 0.7 Mtpa via bord and pillar extraction at pillar reduction panels CF 201 to CF 205.
Narrabri Mine	The development approved under Project Approval 05_0102 and Project Approval 08_0144.
Negligible	Small and unimportant, such as to be not worth considering.
Non-compliance	An occurrence, set of circumstances or development that is a breach of the conditions of the statutory approvals.
Plan	Aboriginal Cultural Heritage Management Plan
Registered Aboriginal Parties	As described in the National Parks and Wildlife Regulation 2019.
Rehabilitation	The restoration of land disturbed by the development to ensure it is safe, stable and non-polluting over the short, medium and long term.
Secretary	Planning Secretary under the EP&A Act, or nominee.
Site	Has the same meaning as Aboriginal cultural heritage site.
Stage 1	The project approval granted by the Minister Planning for the Narrabri Coal Project, dated 14 November 2007.
Stage 2	Narrabri Mine Stage 2 approved under Project Approval 08_0144.
Statement of Commitments	The Proponent's revised commitments in Appendix 3 of the Project Approval, dated May 2010.
Subsidence	The totality of subsidence effects, subsidence impacts and environmental consequences of subsidence impacts.
the Proponent	Narrabri Coal Operations Pty Ltd.
Watercourse	A river, creek or other stream, including a stream in the form of an anabranch or tributary, in which water flows permanently or intermittently, regardless of the frequency of flow events: In a natural channel, whether artificially modified or not, or in an artificial channel that has changed the course of the stream. It also includes weirs, lakes and dams.



	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## 14. Review History

Revision	Comments	Author	Authorised by	Date
1	Initial document	D Young	C Burgess	December 2007
2	Stage 2 revision	S Farrar	S Pegg	6 December 2011
3	Update following annual review submission	S Farrar	D Ellwood	6 April 2017
4	Update to address DPE and OEH comments	M Vile	B Elvy	24 June 2019
5	Update following Stage 3 EIS, biannual consultation meetings, changes to regulatory agency and other minor improvements	M Gregory	B Baker	17 November 2020
6	Resubmission following withdraw from the Departments assessment. Approved by the Department of Planning and Environment 3 October 2023	M Whincop S Van Der Meulen	S Rily	8 June 2023

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## Appendix A - Consultation records

06 May 2021

Department of Planning, Industry & Environment  
Submitted via DPIE&E Major Projects Portal

To the Proper Officer

Narrabri Coal Operations (NCO) have made revisions to the Aboriginal Cultural Heritage Management Plan (ACHMP\_v4). As required under Schedule 4, Condition 23(b) of Project Approval 08\_0144 the amendments have been undertaken in consultation with the Registered Aboriginal Parties: Narrabri Local Aboriginal Land Council (NLALC) and the Gomeroi Narrabri Aboriginal Corporation (GNAC). Consultation included:

- outlining the changes during an on-site consultation meeting held on 17 November 2020, and
- provision of a copy of the revised plan to the RAPs via email requesting a written response.

Email responses containing evidence of consultation with RAPs have been attached to this letter;

- NLALC advised they had no comments on the updated ACHMP, and
- GNAC representative declined to provide comments.

Yours sincerely

A handwritten signature in black ink, appearing to read "Brent Baker".

Brent Baker  
**Environmental Superintendent- Narrabri Coal Operations**

**Attachments:**

1. Email from NLALC representative dated 18 December 2020
2. Email from GNAC representative dated 18 December 2020

## 1. NLALC response



## Brent Baker

---

**From:** CEO | Narrabri LALC <ceo@narrabrilalc.com.au>  
**Sent:** Friday, 18 December 2020 10:15 AM  
**To:** Brent Baker  
**Subject:** RE: Narrabri Mine ACHMP- revised version for RAP consultation

### This Message Is From an External Sender

This message came from outside your organization.

Hi Brent

Narrabri LALC is advising Narrabri CM that there is no comment with the updated ACHMP

cheers

*Lynn Trindall*

Lynn Trindall | Chief Executive Officer | Narrabri Local Aboriginal Land Council  
96 Barwan Street, Narrabri NSW 2390  
Phone: 02 67924228 | Mobile: 0439 924 222 | Email: [ceo@narrabrilalc.com.au](mailto:ceo@narrabrilalc.com.au)



*I acknowledge and pay respect to the Gomeri People the traditional Custodians and ancestors of the lands I work across*

---

**From:** Brent Baker  
**Sent:** Thursday, 17 December 2020 4:33 PM  
**To:** CEO | Narrabri LALC <ceo@narrabrilalc.com.au>  
**Subject:** RE: Narrabri Mine ACHMP- revised version for RAP consultation

Hello Lynn

Do NLALC have any comment on the revisions to the Aboriginal Cultural Heritage Management Plan?  
If not, can I ask that you drop me a short email stating that you have no comment. This will assist the approval process when I submit the plan to the DPI&E for review.

Regards,

**Brent Baker**  
Environmental Superintendent - Narrabri Coal Operations

**Whitehaven Coal Limited**  
10 Kurrajong Creek Rd, Baan Baa NSW 2390 Australia  
**Tel:** +61 2 6794 4167 **Mobile:** +61 488 002 205  
**Email:** [BrentBaker@whitehavencoal.com.au](mailto:BrentBaker@whitehavencoal.com.au) [www.whitehavencoal.com.au](http://www.whitehavencoal.com.au)



---

**From:** Brent Baker  
**Sent:** Thursday, 3 December 2020 8:25 AM  
**To:** 'CEO | Narrabri LALC' <[ceo@narrabrilalc.com.au](mailto:ceo@narrabrilalc.com.au)>  
**Subject:** Narrabri Mine ACHMP- revised version for RAP consultation

Morning Lynn.

As discussed during the consultation meeting at Narrabri Mine on 17 November (which has been communicated to you via a copy of the presentation) there have been minor amendments made to the Aboriginal Cultural Heritage Management Plan, which include:

- Naming convention changed from site numbering system, now using AHIMS site names (refer Table 2);
- Addition of sites identified during Stage 3 survey (refer Table 2);
- Inclusion of formal Biannual Consultation meeting (section 1.4);
- Removing reference to management of individual sites above LW101-105 as longwall mining is complete and any subsidence impacts have ceased (section 3.1.2); and
- Changes to Roles and Responsibilities table (refer Table 3).

I attach a copy for review by the Narrabri Local Aboriginal Land Corporation.

If NLALC have any feedback on the plan you can:

- insert comments into the relevant section of the attached document,
- provide comments in a reply email, or
- call me to discuss over the phone.

Can I ask that NLALC provide a written response within the next 14 days (even if you have no comment on the revisions).

Evidence of this consultation will be attached to the revised plan when it is submitted to the Department of Planning, Industry & Environment for their review and subsequent approval.

Regards,

**Brent Baker**  
Environmental Superintendent - Narrabri Coal Operations

**Whitehaven Coal Limited**  
10 Kurrajong Creek Rd, Baan Baa NSW 2390 Australia  
**Tel:** +61 2 6794 4167 **Mobile:** +61 488 002 205  
**Email:** [BrentBaker@whitehavencoal.com.au](mailto:BrentBaker@whitehavencoal.com.au) [www.whitehavencoal.com.au](http://www.whitehavencoal.com.au)



## 2. GNAC response

## Brent Baker

---

**From:** alira tufui <alira\_tufui@hotmail.com>  
**Sent:** Friday, 18 December 2020 1:42 PM  
**To:** Brent Baker  
**Subject:** Re: Narrabri Mine ACHMP- revised version for RAP consultation

### This Message Is From an External Sender

This message came from outside your organization.

Hi Brent,

I cannot at this stage provide commentary with regard to the amendments made to the Aboriginal Cultural Heritage Management Plan. I cannot speak for the descendants of the apical ancestors or for GNAC as a registered party.

There are too many differing opinions and raised concerns from individuals and family groups, including individuals seeking independent legal advice and representation, that I feel as though I am not in a position to make comment on behalf of GNAC.

The only comments I am happy to provide are a direct reflection of myself, my grandfather who has given permission for myself to speak on his behalf and on behalf of our family with our engagement as members of the registered aboriginal party.

In light of the recent media coverage of the environmental breaches and legal action with regard to NCO EL, I am not willing to pass comment on behalf of GNAC, due to my cultural obligations and commitment to remaining neutral in community and not being seen as supporting mining activities on country.

All comments made are not a reflection of the opinions of GNAC members, as I cannot speak for everyone, as I stated earlier. With regard to future correspondence, my grandfather Jim Trindall is still the current chairperson of GNAC, however, we cannot offer commentary as we do not speak for all parties concerned.

I am happy to provide comments that directly reflect my own opinions with regard to the amended changes to the document and also those views of my family and grandfather, however, I would assume this would be of no assistance to yourself for the approval process with DPIE.

Kind regards,

Alira Tufui  
Direct Descendant Gomeroi Narrabri Aboriginal People

Sent from my iPhone

On 17 Dec 2020, at 4:33 pm, Brent Baker <BrentBaker@whitehavencoal.com.au> wrote:

Hello Alira

Do GNAC have any comment on the revisions to the Aboriginal Cultural Heritage Management Plan? If not, can I ask that you drop me a short email stating that you have no comment. This will assist the approval process when I submit the plan to the DPI&E for review.



Regards,

**Brent Baker**

Environmental Superintendent - Narrabri Coal Operations

**Whitehaven Coal Limited**

10 Kurrajong Creek Rd, Baan Baa NSW 2390 Australia

Tel: +61 2 6794 4167 Mobile: +61 488 002 205

Email: [BrentBaker@whitehavencoal.com.au](mailto:BrentBaker@whitehavencoal.com.au) [www.whitehavencoal.com.au](http://www.whitehavencoal.com.au)

[<image001.png>](#)

---

**From:** Brent Baker

**Sent:** Thursday, 3 December 2020 8:26 AM

**To:** 'alira tufui' <[alira\\_tufui@hotmail.com](mailto:alira_tufui@hotmail.com)>

**Subject:** Narrabri Mine ACHMP- revised version for RAP consultation

Morning Alira.

As discussed during the consultation meeting at Narrabri Mine on 17 November there have been minor amendments made to the Aboriginal Cultural Heritage Management Plan, which include:

- Naming convention changed from site numbering system, now using AHIMS site names (refer Table 2);
- Addition of sites identified during Stage 3 survey (refer Table 2);
- Inclusion of formal Biannual Consultation meeting (section 1.4);
- Removing reference to management of individual sites above LW101-105 as longwall mining is complete and any subsidence impacts have ceased (section 3.1.2); and
- Changes to Roles and Responsibilities table (refer Table 3).

I attach a copy for review by the Gomeri Narrabri Aboriginal Corporation.

If GNAC have any feedback on the plan you can:

- insert comments into the relevant section of the attached document,
- provide comments in a reply email, or
- call me to discuss over the phone.

Can I ask that GNAC provide a written response within the next 14 days (even if you have no comment on the revisions).

Evidence of this consultation will be attached to the revised plan when it is submitted to the Department of Planning, Industry & Environment for their review and subsequent approval.

Regards,

**Brent Baker**

Environmental Superintendent - Narrabri Coal Operations

**Whitehaven Coal Limited**

10 Kurrajong Creek Rd, Baan Baa NSW 2390 Australia

Tel: +61 2 6794 4167 Mobile: +61 488 002 205

Email: [BrentBaker@whitehavencoal.com.au](mailto:BrentBaker@whitehavencoal.com.au) [www.whitehavencoal.com.au](http://www.whitehavencoal.com.au)

<image001.png>

## Brent Baker

---

**From:** no-reply@majorprojects.planning.nsw.gov.au  
**Sent:** Thursday, 19 August 2021 1:59 PM  
**To:** Narrabri Environmental Approvals  
**Subject:** Narrabri Coal Mine - Stage 2 Aboriginal Cultural Heritage Management Plan - Response from Heritage NSW – Aboriginal cultural heritage (ACH)

### This Message Is From an External Sender

This message came from outside your organization.

Heritage NSW – Aboriginal cultural heritage (ACH) has responded to your request for advice in relation to the Narrabri Coal Mine - Stage 2 Aboriginal Cultural Heritage Management Plan . The response is below and/or attached. Record of this consultation has been automatically saved to the portal.

When you are ready, login to your profile to submit the final document to the Department.

#### Public Authority Response

Heritage NSW (HNSW) accept the proponent's attached documentation as evidence of consulting with the Registered Aboriginal Parties (RAP) on changes to the Cultural Heritage Management Plan, as conditioned in the Plan. HNSW note several key facts: The proposed changes to the Plan are relatively minor; replies were received from the Narrabri Local Aboriginal Land Council and the Gomeroi Narrabri Aboriginal Corporation; a meeting was convened with the RAPs to discuss the proposed changes prior to seeking a formal response; and no issues have been raised regarding the proposed minor amendments. HNSW do however note the response from the Gomeroi Narrabri Aboriginal Corporation.

To sign in to your account click [here](#) or visit the [Major Projects Website](#).

Please do not reply to this email.

Kind regards

The Department of Planning, Industry and Environment



Subscribe to our [newsletter](#)

---

This email is intended for the addressee(s) named and may contain confidential and/or privileged information.

If you are not the intended recipient, please notify the sender and then delete it immediately.

PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS EMAIL

Mr Shane Rily  
Environmental Superintendent  
Narrabri Coal Operations Pty Ltd

Via Email: [SRily@whitehavencoal.com.au](mailto:SRily@whitehavencoal.com.au)

03/10/2023

---

**Subject: Aboriginal Cultural Heritage Management Plan and Extraction Plan (LW203 – LW206)  
Consultation with Aboriginal Stakeholders**

Dear Mr Rily

I refer to the revised Aboriginal Cultural Heritage Management Plan, revision 6 dated 8 June 2023 (ACHMP), which was submitted in accordance with Condition 22 of Schedule 4 of the approval for the Narrabri Coal Project – Stage 2 (08\_0144) and the extraction plan for Longwalls 203 – 206 dated 7 February 2023 (EP LW203-206).

**Approval of ACHMP Revision 6**

The Department notes that Heritage NSW and Aboriginal stakeholders, including the Narrabri Local Aboriginal Land Council (NLALC) and the Gomeri Narrabri Aboriginal Corporation (GNAC), were consulted and provided comments on the previous revision of the plan (revision 5) before it was withdrawn. No material changes were made to revision 6 and the Department considers the consultation to date is adequate.

Accordingly, as nominee of the Planning Secretary, I approve the Aboriginal Cultural Heritage Management Plan (revision 6, dated 8 June 2023). Please note that approval does not include salvage or harm to any other Aboriginal Cultural Heritage sites, such as grinding groove site Mayfield GG1, which is the subject of the conditional approval of EP LW203-206, dated 7 May 2023.

Please ensure you make the document publicly available on the project website at the earliest convenience.

**Reminder to Consult with Aboriginal Stakeholders**

The Department provided conditional approval of EP LW203-206 on 7 May 2023, which approved the extraction of longwall 203 only. The conditional approval (Condition 3) requires that:

- 3. Within 6 months of this approval, Narrabri Coal must provide a detailed response to the Panel's recommendations in relation to Aboriginal heritage.*

The Panel's recommendations in relation to Aboriginal heritage are largely focused on the management and monitoring of subsidence impacts on Aboriginal heritage site Mayfield GG1. A response to the recommendations is still due on 7 November 2023. The Department notes that a further request for approval of extraction plan for Longwalls 204-206 is expected in early 2024, which would propose mining closer to Mayfield GG1 and increase the potential for subsidence impacts.

The following information is provided as a reminder and to clarify the expected requirements for consultation

with the Registered Aboriginal Parties (RAPs) as part of the ongoing investigation of Mayfield GG1 and to assess possibilities for avoiding or mitigating potential harm.

The Department acknowledges the prior consultation on the Aboriginal Cultural Heritage Management Plan, revision 6 dated June 2023 (ACHMP) and the extraction plan for Longwalls 203-206 dated 7 February 2023 (EP LW203-206). However, the responses from the RAPs regarding Mayfield GG1 remain inconclusive.

In a letter received from the NLALC (dated 19 October 2022) and attached to EP LW203-206, NLALC states that Mayfield GG1 is “very significant” to the Aboriginal community and confirms it will determine its position on the management of Mayfield GG1 once a full assessment has been completed.

Noting the Panel’s advice that there is a credible ‘High’ risk for cracking at Mayfield GG1 and limited options for its relocation, the Department considers that there are relatively clear scenarios for Mayfield GG1 which should be presented to the RAPs to assist its decision making process.

The Department requests that you undertake further early proactive engagement with RAPs and invite them to consider the potential consequences to Mayfield GG1 if the sandstone boulders containing the axe grinding grooves were to crack due to mining subsidence and seek their advice about whether it would significantly diminish the significance of the site. The same inquiry should be made to the scenario of the grooves if they were to be relocated.

The Department’s objective is to ensure that the RAPs are comprehensively informed and actively involved in addressing the likely risks associated with Mayfield GG1.

Aside from Mayfield GG1, the Department is generally satisfied with the proposed operational activities for managing Aboriginal cultural heritage. This includes the collection of Aboriginal objects (stone artefacts) within areas of planned land surface disturbance. Additionally, it is understood that negotiations are underway for the development of a Keeping Place to serve as a repository for salvaged Aboriginal objects in collaboration with the RAPs. The Department is satisfied with the temporary management proposal for Aboriginal objects outlined in the ACHMP.


If you wish to discuss the matter further, please contact Philip Nevill on (02) 8275 1036.

Yours sincerely




Stephen O'Donoghue  
Director  
Resource Assessments  
As nominee of the Planning Secretary



	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## Appendix B - Compliance conditions relevant to this Plan

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

**Table B-1 Project Approval conditions relevant to this Plan**

Project Approval 08_0144 conditions		Document reference
Condition	Requirement	
Schedule 2, Condition 1	The Proponent shall implement all practicable measures to prevent and/or minimise any harm to the environment that may result from the construction, operation, or rehabilitation of the project.	Section 6 Section 7
Schedule 2, Condition 2	The Proponent shall carry out the project generally in accordance with the: (a) EA; and (b) conditions of this approval.	Appendix B
Schedule 2, Condition 4	The Proponent shall comply with any reasonable and feasible requirements of the Secretary arising from the Department's assessment of:	
	(a) any reports, plans, programs, strategies or correspondence that are submitted in accordance with the conditions of this approval; and	Section 1.4 Section 10.3
	(b) the implementation of any actions or measures contained in these reports, plans, programs, strategies or correspondence.	Appendix A
Schedule 2 Condition 11	With the approval of the Secretary, the Proponent may submit any management plan or monitoring program required by this approval on a progressive basis.  <i><b>Note:</b> The conditions of this approval require certain strategies, plans, and programs to be prepared for the project. They also require these documents to be reviewed and audited on a regular basis to ensure they remain effective. However, in some instances, it will not be necessary or practicable to prepare these documents for the whole project at any one time, particularly as these documents are intended to be dynamic and improved over time. Consequently, the documents may be prepared and implemented on a progressive basis, subject to the conditions of this approval. In doing this however, the Proponent will need to demonstrate that it has suitable documents in place to manage the existing operations of the project.</i>	There is no staging of the ACHMP proposed
Schedule 4, Condition 22	The Proponent shall not destroy damage or deface any known Aboriginal objects (as defined in the <i>National Parks and Wildlife Act 1974</i> ) without the written approval of the Secretary.	Section 3.4 Section 6 Section 7
Schedule 4, Condition 23	The Proponent shall revise the Aboriginal Cultural Heritage Management Plan for the Stage 1 project to encompass all proposed mine activities and potential impacts associated with Aboriginal cultural heritage management for the site (Stages 1 and 2) and subsequently implement this revised version of the Aboriginal Cultural Heritage Management Plan to the satisfaction of the Secretary. This plan must:	
	a) be submitted the Secretary by 30 June 2011;	Not applicable to this revision
	b) be prepared in consultation with Heritage NSW, the Narrabri Local Aboriginal Land Council and the Narrabri Goomeroi Aboriginal Corporation;	Section 1.4 Section 4.5

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

Project Approval 08_0144 conditions		Document reference
Condition	Requirement	
	c) include a protocol for the ongoing consultation and involvement of Aboriginal communities in the conservation and management of Aboriginal heritage on site; and	Appendix J
	d) describe the measures that would be implemented to protect Aboriginal sites on the mine site, (in particular all known Aboriginal sites on lands overlying Longwalls 1-3 and sites 10b, 38, 39 and 106-112), or any new Aboriginal objects or skeletal remains that are identified during the project.	Section 6 Section 7
Schedule 4, Condition 24	Prior to undertaking any activities involving surface disturbance or vegetation removal for the lands overlying Longwalls 8-26, the Proponent shall undertake a detailed Aboriginal cultural heritage survey in consultation with the local Aboriginal community and Heritage NSW, and to the satisfaction of the Secretary. The Secretary may approve this survey being undertaken in several stages, as mining progresses.	Section 4.3
Schedule 6, Condition 2	The Proponent shall ensure that the management plans required under this approval are prepared in accordance with any relevant guidelines, and include:	
	a) detailed baseline data;	Section 4 Appendix C Appendix D
	b) a description of:	
	<ul style="list-style-type: none"> <li>the relevant statutory requirements (including any relevant approval, licence or lease conditions);</li> </ul>	Section 3
	<ul style="list-style-type: none"> <li>any relevant limits or performance measures/criteria;</li> </ul>	Section 6 Section 7
	<ul style="list-style-type: none"> <li>the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the project or any management measures</li> </ul>	Section 6 Section 7
	c) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria:	Section 6 Section 7
	d) a program to monitor and report on the:	
	<ul style="list-style-type: none"> <li>impacts and environmental performance of the project;</li> </ul>	Section 7.3.2
	<ul style="list-style-type: none"> <li>effectiveness of any management measures (see (c) above);</li> </ul>	Section 7.3.3
	e) a contingency plan to manage any unpredicted impacts and their consequences;	Section 8
	f) a program to investigate and implement ways to improve the environmental performance of the project over time;	Section 10.4
	g) a protocol for managing and reporting any:	

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

Project Approval 08_0144 conditions		Document reference
Condition	Requirement	
	<ul style="list-style-type: none"> <li>• incidents;</li> </ul>	Section 9.1
	<ul style="list-style-type: none"> <li>• complaints;</li> </ul>	Section 11
	<ul style="list-style-type: none"> <li>• non-compliances with statutory requirements; and</li> </ul>	Section 9.2
	<ul style="list-style-type: none"> <li>• exceedances of the impact assessment criteria and/or performance criteria; and</li> </ul>	
	h) a protocol for periodic review of the plan.	Section 10.3
Schedule 6 Condition 3	<p>Within 3 months of the submission of an:</p> <ul style="list-style-type: none"> <li>a) audit under condition 7 of Schedule 6;</li> <li>b) incident report under condition 4 of Schedule 6; and</li> <li>c) annual review under condition 5 of Schedule 6; and</li> <li>d) any modification to the conditions of this approval (unless the conditions require otherwise),</li> </ul> <p>the Proponent shall review, and if necessary revise, the strategies, plans, and programs required under this approval to the satisfaction of the Secretary.</p>	Section 10.3
Schedule 6 Condition 4	The Proponent shall notify the Secretary in writing via the Major Projects website and any other relevant agencies of any incident associated with the project as soon as practicable after the Proponent becomes aware of the incident. Within 7 days of the date of the incident, the Proponent shall provide the Secretary and any relevant agencies with a detailed report on the incident.	
Schedule 6 Condition 5	The Proponent shall provide regular reporting on the environmental performance of the project on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this approval, and to the satisfaction of the Secretary.	
Schedule 6 Condition 6	By the end of March each year, the Proponent must submit a review of the environmental performance of the project for the previous calendar year to the satisfaction of the Secretary.	
Schedule 6 Condition 7	Prior to 13 September 2010, and every 3 years thereafter, unless the Secretary directs otherwise, the Proponent shall commission and pay the full cost of an Independent Environmental Audit of the project (Stages 1 and 2).	


	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

Project Approval 08_0144 conditions		Document reference
Condition	Requirement	
Schedule 6 Condition 10	The Proponent shall: (a) make copies of the following publicly available on its website: <ul style="list-style-type: none"> <li>the documents referred to in Condition 2 of Schedule 2;</li> <li>all current statutory approvals for the project;</li> <li>all approved strategies, plans and programs required under the conditions of this approval;</li> <li>a comprehensive summary of the monitoring results of the project, reported in accordance with the specifications in any conditions of this approval, or any approved plans and programs;</li> <li>a complaints register, updated on a monthly basis;</li> <li>minutes of CCC meetings;</li> <li>the annual reviews of the project;</li> <li>any independent environmental audit of the project, and the Proponent's response to the recommendations in any audit;</li> <li>any other matter required by the Secretary; and</li> </ul>	Section 1.5 Section 10.1 Section 10.2 Section 11 Appendix B
	(b) keep this information up-to-date, to the satisfaction of the Secretary.	Section 1.5

**Table B-2 Statement of Commitments**

SoC requirements		ACHMP reference
SoC	Summary of the requirement	
1.5	Advise relevant personnel on restrictions placed on activities by identification of sites of ecological or heritage significance and management requirements.	Section 6.4.2
5.7	Note the effects of any ponding and commission a hydrologist or ecologist to recommend remedial actions should the area of ponding encroach upon sites of conservation or heritage significance.	Refer to the relevant Extraction Plan/s
9.1	Involve all site employees and contractors in an awareness program re: Aboriginal heritage issues.	Section 7.6
9.3	Erect a sign on the fencing identifying an "Environmental Protection Zone".	Section 7.3
9.8	In the event that one of the Aboriginal sites (other than Aboriginal Sites 10, 19, 38 and 39) cannot be avoided, commission an archaeologist and invite representatives of registered Aboriginal stakeholders (Gomerioi and Narrabri LALC) to salvage the artefacts identified at the affected site ("the Salvage Area").	Appendix E
9.9	Undertake a full analysis of the material salvaged from within the Salvage Area by allowing the archaeologist to take the artefacts for further analysis.	Appendix E
9.10	Return the salvaged artefacts to the authorised Aboriginal organisation.	Appendix E
9.11	Place the salvaged artefacts in the care and control of the Aboriginal organisation agreed to by Narrabri LALC and Gomerioi. (The Proponent (if required) has agreed to provide an interim 'keeping place' in a designated storage facility within the Pit Top Area until such time as a suitable location is identified and agreed to by Narrabri LALC and Gomerioi).	Section 7.5
9.12	Commission the preparation of a report ("Salvage Report") including full descriptions of the salvaged material, and an interpretation of the archaeological record within the Salvage Area.	Appendix E



	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

SoC requirements		ACHMP reference
SoC	Summary of the requirement	
9.13	Provide copies of the Salvage Report to Narrabri LALC, Gomeroi and the DECCW	Appendix E
9.15	Identify and protect through fencing and signage, those sites determined to be of high scientific significance as agreed and determined in consultation between the Proponent, the registered Aboriginal stakeholders and the archaeologist.	Section 7.3
9.16	In the event that an identified site cannot be avoided, commission an archaeologist and invite representatives of registered Aboriginal stakeholders (Gomeroi and Narrabri LALC) to salvage the identified artefacts. All salvage is to be undertaken as per Commitments 9.9 to 9.13 above.	Appendix E
9.18	Ensure that if any further Aboriginal artefacts are uncovered at any time during the life of the mine, work in the vicinity of the subject area ceases and the Proponent follows the procedures recorded in the ACHMP.	Appendix I
9.19	Wherever possible, if a tree is identified as having culturally made scars, it is retained in situ and protected.	Section 7.3
9.20	Ensure that, where it is not possible to retain a scarred tree in-situ, the tree is cut down to preserve the scar, and relocated into a designated protected area. All activity associated with cutting of the tree and preservation of the scar is to be conducted in consultation with the Aboriginal stakeholders and the archaeologist.	Appendix G

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## Appendix C - AHIMS Search Results



## AHIMS Web Services (AWS)

### Extensive search - Site list report

Your Ref/PO Number : 2023\_244

Client Service ID : 786667

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status**	SiteFeatures	SiteTypes	Reports
19-3-0158	Pine Creek OS 127	GDA	55	773442	6623531	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Niche Environment and Heritage,Mr.Balazs Hansel						<a href="#">Permits</a>	
19-3-0154	Pine Creek ISO 124	GDA	55	774207	6623420	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Niche Environment and Heritage,Mr.Balazs Hansel						<a href="#">Permits</a>	
19-3-0106	Pine Creek OS 47	GDA	55	774254	6623273	Open site	Valid	Artefact : 5		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-3-0084	Pine Creek T2/OS 1	GDA	55	774380	6623220	Open site	Valid	Artefact : 15		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0123	Kurrajong T1/OS 84	GDA	55	774282	6619053	Open site	Valid	Artefact : 5		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0122	Kurrajong T1/OS 83	GDA	55	774312	6619099	Open site	Valid	Artefact : 7		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-3-0211	Pine Creek T1 ST2 (123)	GDA	55	774755	6623246	Open site	Valid	Modified Tree (Carved or Scarred) :		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-3-0097	Pine Creek T2/ISO 12	GDA	55	775640	6623290	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0071	Pine Creek T1/OS 10	GDA	55	775700	6621640	Open site	Valid	Artefact : 4		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-3-0096	Pine Creek T2/ISO 11	GDA	55	775760	6623060	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0087	Pine Creek T1/ISO 10	GDA	55	775780	6620780	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0132	Kurrajong T1/OS 93	GDA	55	774958	6619354	Open site	Valid	Artefact : 2		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0207	Westhaven IA1	GDA	55	775119	6619233	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0149	Kurrajong CR/OS 110	GDA	55	775119	6616801	Open site	Valid	Artefact : 3		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton,Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0144	Kurrajong CR/OS 105	GDA	55	775233	6618102	Open site	Valid	Artefact : 2		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-3-0155	Pine Creek ISO 126	GDA	55	773989	6623174	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Niche Environment and Heritage,Mr.Balazs Hansel						<a href="#">Permits</a>	
19-3-0109	Pine Creek OS 50	GDA	55	774341	6623233	Open site	Valid	Artefact : 2		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0191	Mayfield GG1	GDA	55	774227	6617543	Open site	Valid	Grinding Groove : -		

Report generated by AHIMS Web Service on 30/05/2023 for Matthew Whincop for the following area at Search using shape-file AHIMSsearchArea244\_Z55 with a buffer of 0 meters. Additional

Info : Due Diligence. Number of Aboriginal sites and Aboriginal objects found is 94

This information is not guaranteed to be free from error omission. Heritage NSW and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.



## AHIMS Web Services (AWS) Extensive search - Site list report

Your Ref/PO Number : 2023\_244

Client Service ID : 786667

SiteID	SiteName	Datum	Zone	Eastings	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd					<a href="#">Permits</a>		
19-6-0072	Pine Creek T1/ISO 4	GDA	55	775780	6621690	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton					<a href="#">Permits</a>		
19-6-0183	Mayfield IA5	GDA	55	775765	6616937	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd					<a href="#">Permits</a>		
19-6-0133	Kurrajong T1/OS 94	GDA	55	774955	6619330	Open site	Valid	Artefact : 6		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton					<a href="#">Permits</a>		
19-6-0131	Kurrajong T1/ISO 92	GDA	55	774954	6619212	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton					<a href="#">Permits</a>		
19-6-0134	Kurrajong T1/OS 95	GDA	55	774977	6619291	Open site	Valid	Artefact : 7		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton					<a href="#">Permits</a>		
19-6-0140	Kurrajong T1/ISO 101	GDA	55	774980	6619194	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton					<a href="#">Permits</a>		
19-6-0093	Pine Creek T1/FP1	GDA	55	775080	6620610	Open site	Valid	Hearth : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton					<a href="#">Permits</a>		
19-6-0148	Kurrajong CR/OS 109	GDA	55	775089	6616834	Open site	Valid	Artefact : 4		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton,Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd					<a href="#">Permits</a>		
19-6-0150	Kurrajong CR/OS 111	GDA	55	775217	6616803	Open site	Valid	Artefact : 36		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton,Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd					<a href="#">Permits</a>		
19-6-0151	Kurrajong CR/OS 112	GDA	55	775248	6616821	Open site	Valid	Artefact : 50		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton,Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd					<a href="#">Permits</a>		
19-3-0098	Pine Creek T2/OS 25	GDA	55	775580	6623390	Open site	Valid	Artefact : 13		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton					<a href="#">Permits</a>		
19-6-0213	NCM Stage 1 (7)	GDA	55	772759	6621273	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd					<a href="#">Permits</a>		
19-3-0103	Pine Creek ISO 44	GDA	55	774191	6623362	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton					<a href="#">Permits</a>		
19-6-0126	Kurrajong T1/ISO 87	GDA	55	774166	6618811	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton					<a href="#">Permits</a>		
19-3-0208	Pine Tree Grove IA1	GDA	55	775608	6623149	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd					<a href="#">Permits</a>		
19-6-0089	Pine Creek T1/OS 20	GDA	55	775730	6620740	Open site	Valid	Artefact : 3		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton					<a href="#">Permits</a>		
19-6-0145	Kurrajong CR/OS 106	GDA	55	775007	6616792	Open site	Valid	Artefact : 3		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton					<a href="#">Permits</a>		

Report generated by AHIMS Web Service on 30/05/2023 for Matthew Whincop for the following area at Search using shape-file AHIMSsearchArea244\_Z55 with a buffer of 0 meters. Additional

Info : Due Diligence. Number of Aboriginal sites and Aboriginal objects found is 94

This information is not guaranteed to be free from error omission. Heritage NSW and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.

Page 2 of 6



**NARRABRI MINE  
ENVIRONMENTAL  
MANAGEMENT  
SYSTEM**

Document owner:	Environmental Superintendent
Document approver:	General Manager
Revision period:	3 years
Revision:	6
Last revision date:	8 June 2023

**WHC\_PLN\_NAR\_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN**



**AHIMS Web Services (AWS)  
Extensive search - Site list report**

Your Ref/PO Number : 2023\_244

Client Service ID : 786667

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
19-3-0089	Pine Creek T2/OS 5 <a href="#">Contact</a>	GDA	55	775250	6623000	Open site	Valid	Artefact : 1		<a href="#">Permits</a>
19-6-0192	Mayfield AS13 <a href="#">Contact</a>	GDA	55	775312	6616894	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-3-0209	Pine Tree Grove AS1 <a href="#">Contact</a>	GDA	55	775535	6623132	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-3-0104	Pine Creek ISO 45 <a href="#">Contact</a>	GDA	55	774225	6623326	Open site	Valid	Artefact : 1		<a href="#">Permits</a>
19-3-0108	Pine creek OS 49 <a href="#">Contact</a>	GDA	55	774321	6623231	Open site	Valid	Artefact : 5		<a href="#">Permits</a>
19-6-0125	Kurrajong T1/OS 86 <a href="#">Contact</a>	GDA	55	774230	6618998	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-6-0124	Kurrajong T1/OS 85 <a href="#">Contact</a>	GDA	55	774250	6619003	Open site	Valid	Artefact : 3		<a href="#">Permits</a>
19-3-0085	Pine Creek T2/IOS 1 <a href="#">Contact</a>	GDA	55	774460	6623260	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-3-0087	Pine Creek T2/OS 3 <a href="#">Contact</a>	GDA	55	774540	6623370	Open site	Valid	Artefact : 6		<a href="#">Permits</a>
19-3-0102	Pine Creek T2/OS 28 <a href="#">Contact</a>	GDA	55	775640	6623140	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-6-0088	Pine Creek T1/OS 19 <a href="#">Contact</a>	GDA	55	775690	6620800	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-3-0156	Turrawan Track ISO 128 <a href="#">Contact</a>	GDA	55	772435	6624670	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-6-0167	Pine Creek T3 ISO 132 <a href="#">Contact</a>	GDA	55	773063	6621692	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-3-0092	Pine Creek T2/ISO 3 <a href="#">Contact</a>	GDA	55	775000	6623380	Open site	Valid	Artefact : 1		<a href="#">Permits</a>
19-6-0200	Westhaven AS1 <a href="#">Contact</a>	GDA	55	775066	6619486	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-3-0090	Pine Creek T2/OS 6 <a href="#">Contact</a>	GDA	55	775170	6623200	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-6-0143	Kurrajong CR/OS 104 <a href="#">Contact</a>	GDA	55	775220	6617682	Open site	Valid	Artefact : 3		<a href="#">Permits</a>
19-6-0129	Kurrajong T1/OS 90 <a href="#">Contact</a>	GDA	55	774221	6619181	Open site	Valid	Artefact : 5		<a href="#">Permits</a>

Report generated by AHIMS Web Service on 30/05/2023 for Matthew Whincop for the following area at Search using shape-file AHIMSsearchArea244\_Z55 with a buffer of 0 meters. Additional

Info : Due Diligence. Number of Aboriginal sites and Aboriginal objects found is 94

This information is not guaranteed to be free from error omission. Heritage NSW and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.

Page 3 of 6





**NARRABRI MINE  
ENVIRONMENTAL  
MANAGEMENT  
SYSTEM**

Document owner:	Environmental Superintendent
Document approver:	General Manager
Revision period:	3 years
Revision:	6
Last revision date:	8 June 2023

**WHC\_PLN\_NAR\_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN**



**AHIMS Web Services (AWS)  
Extensive search - Site list report**

Your Ref/PO Number : 2023\_244

Client Service ID : 786667

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
19-6-0121	Kurrajong T1/OS 82 <a href="#">Contact</a>	GDA	55	774400	6619174	Open site	Valid	Artefact : 9		<a href="#">Permits</a>
19-6-0137	Kurrajong T1/OS 98 <a href="#">Contact</a>	GDA	55	774742	6618977	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-3-0101	Pine Creek T2/OS 27. <a href="#">Contact</a>	GDA	55	775630	6623220	Open site	Valid	Artefact : 7		<a href="#">Permits</a>
19-3-0100	Pine Creek T2/OS 27 <a href="#">Contact</a>	GDA	55	775720	6623530	Open site	Valid	Artefact : 4		<a href="#">Permits</a>
19-3-0095	Pine Creek T2/OS 24 <a href="#">Contact</a>	GDA	55	775710	6622970	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-6-0212	Claremont GG1 <a href="#">Contact</a>	GDA	55	775711	6620205	Open site	Valid	Grinding Groove : -		<a href="#">Permits</a>
19-6-0136	Kurrajong T1/ISO 97 <a href="#">Contact</a>	GDA	55	774783	6619064	Open site	Valid	Artefact : 1		<a href="#">Permits</a>
19-6-0139	Kurrajong T1/OS 100 <a href="#">Contact</a>	GDA	55	774878	6619099	Open site	Valid	Artefact : 4		<a href="#">Permits</a>
19-3-0091	Pine Creek T2/ISO 2 <a href="#">Contact</a>	GDA	55	775100	6623230	Open site	Valid	Artefact : 1		<a href="#">Permits</a>
19-6-0147	Kurrajong CR/OS 108 <a href="#">Contact</a>	GDA	55	775185	6616760	Open site	Valid	Artefact : 12		<a href="#">Permits</a>
19-3-0105	Pine Creek ISO 46 <a href="#">Contact</a>	GDA	55	774223	6623302	Open site	Valid	Artefact : 1		<a href="#">Permits</a>
19-3-0086	Pine Creek T2/OS 2 <a href="#">Contact</a>	GDA	55	774680	6623380	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-6-0120	Kurrajong T1/ISO 81 <a href="#">Contact</a>	GDA	55	774687	6619444	Open site	Valid	Artefact : 1		<a href="#">Permits</a>
19-6-0198	Mayfield AS7 <a href="#">Contact</a>	GDA	55	775709	6617249	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-3-0111	Pine Creek OS 52 <a href="#">Contact</a>	GDA	55	773960	6623535	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-3-0212	Pine Creek AS1 <a href="#">Contact</a>	GDA	55	775030	6623319	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-6-0146	Kurrajong CR/OS 107 <a href="#">Contact</a>	GDA	55	775020	6616744	Open site	Valid	Artefact : 34		<a href="#">Permits</a>
19-6-0142	Kurrajong CR/OS 103 <a href="#">Contact</a>	GDA	55	775195	6617782	Open site	Valid	Artefact : 3		<a href="#">Permits</a>

Report generated by AHIMS Web Service on 30/05/2023 for Matthew Whincop for the following area at Search using shape-file AHIMSsearchArea244\_Z55 with a buffer of 0 meters. Additional

Info : Due Diligence. Number of Aboriginal sites and Aboriginal objects found is 94

This information is not guaranteed to be free from error omission. Heritage NSW and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.

Page 4 of 6



**NARRABRI MINE  
ENVIRONMENTAL  
MANAGEMENT  
SYSTEM**

Document owner:	Environmental Superintendent
Document approver:	General Manager
Revision period:	3 years
Revision:	6
Last revision date:	8 June 2023

**WHC\_PLN\_NAR\_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN**



**AHIMS Web Services (AWS)  
Extensive search - Site list report**

Your Ref/PO Number : 2023\_244

Client Service ID : 786667

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
36-3-3319	Kurrajong T1 OS 136 <a href="#">Contact</a>	GDA	55	775391	6619507	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-6-0128	Kurrajong T1/ISO 89 <a href="#">Contact</a>	GDA	55	773971	6619030	Open site	Valid	Artefact : 1		<a href="#">Permits</a>
19-3-0153	Pine Creek ISO 125 <a href="#">Contact</a>	GDA	55	774100	6623275	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-3-0113	Pine Creek OS 54 <a href="#">Contact</a>	GDA	55	774187	6623206	Open site	Valid	Shell : 2		<a href="#">Permits</a>
19-3-0207	Pine Tree Grove IA2 <a href="#">Contact</a>	GDA	55	775608	6623084	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-6-0070	Pine Creek T1/OS 9 <a href="#">Contact</a>	GDA	55	775640	6621690	Open site	Valid	Artefact : 3		<a href="#">Permits</a>
19-6-0127	Kurrajong T1/OS 88 <a href="#">Contact</a>	GDA	55	773570	6618800	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-6-0168	Pine Creek T3 OS 130 <a href="#">Contact</a>	GDA	55	773065	6621721	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-6-0135	Kurrajong T1/OS 96 <a href="#">Contact</a>	GDA	55	774877	6619178	Open site	Valid	Artefact : 3		<a href="#">Permits</a>
19-3-0088	Pine Creek T2/OS 4 <a href="#">Contact</a>	GDA	55	775150	6622600	Open site	Valid	Artefact : 3		<a href="#">Permits</a>
19-3-0093	Pine Creek T2/OS 7 <a href="#">Contact</a>	GDA	55	775270	6623190	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-3-0157	Pine Creek OS 129 <a href="#">Contact</a>	GDA	55	772831	6623540	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-3-0107	Pine Creek OS 48 <a href="#">Contact</a>	GDA	55	774286	6623232	Open site	Valid	Artefact : 5		<a href="#">Permits</a>
19-6-0138	Kurrajong T1/OS 99 <a href="#">Contact</a>	GDA	55	774697	6618941	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-3-0099	Pine Creek T2/OS 26 <a href="#">Contact</a>	GDA	55	775660	6623500	Open site	Valid	Artefact : 5		<a href="#">Permits</a>
19-6-0199	Mayfield AS6 <a href="#">Contact</a>	GDA	55	775515	6616874	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-6-0069	Pine Creek T1/OS 8 <a href="#">Contact</a>	GDA	55	775670	6621610	Open site	Valid	Artefact : 11		<a href="#">Permits</a>
19-3-0110	Pine Creek OS 51 <a href="#">Contact</a>	GDA	55	773932	6623550	Open site	Valid	Artefact : 2		<a href="#">Permits</a>

Report generated by AHIMS Web Service on 30/05/2023 for Matthew Whincop for the following area at Search using shape-file AHIMSsearchArea244\_Z55 with a buffer of 0 meters. Additional

Info : Due Diligence. Number of Aboriginal sites and Aboriginal objects found is 94

This information is not guaranteed to be free from error omission. Heritage NSW and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.

Page 5 of 6



**NARRABRI MINE  
ENVIRONMENTAL  
MANAGEMENT  
SYSTEM**

Document owner:	Environmental Superintendent
Document approver:	General Manager
Revision period:	3 years
Revision:	6
Last revision date:	8 June 2023

**WHC\_PLN\_NAR\_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN**



**AHIMS Web Services (AWS)  
Extensive search - Site list report**

Your Ref/PO Number : 2023\_244

Client Service ID : 786667

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status**	SiteFeatures	SiteTypes	Reports
19-3-0112	Pine Creek OS 53 <u>Contact</u>	GDA	55	773936	6623490	Open site	Valid	Artefact : 6		<u>Permits</u>
19-6-0166	Pine Creek T3 ISO 131 <u>Contact</u>	GDA	55	772841	6621434	Open site	Valid	Artefact : -		<u>Permits</u>
19-6-0130	Kurrajong T1/OS 91 <u>Contact</u>	GDA	55	774975	6619298	Open site	Valid	Artefact : 2		<u>Permits</u>
19-6-0141	Kurrajong T1/OS 102 <u>Contact</u>	GDA	55	775044	6619434	Open site	Valid	Artefact : 3		<u>Permits</u>
19-3-0094	Pine Creek T2/AGG 1 <u>Contact</u>	GDA	55	775260	6623160	Open site	Valid	Grinding Groove : 3		<u>Permits</u>

**\*\* Site Status**

**Valid** - The site has been recorded and accepted onto the system as valid

**Destroyed** - The site has been completely impacted or harmed usually as consequence of permit activity but sometimes also after natural events. There is nothing left of the site on the ground but proponents should proceed with caution.

**Partially Destroyed** - The site has been only partially impacted or harmed usually as consequence of permit activity but sometimes also after natural events. There might be parts or sections of the original site still present on the ground

**Not a site** - The site has been originally entered and accepted onto AHIMS as a valid site but after further investigations it was decided it is NOT an aboriginal site. Impact of this type of site does not require permit but Heritage NSW should be notified

Report generated by AHIMS Web Service on 30/05/2023 for Matthew Whincop for the following area at Search using shape-file AHIMSsearchArea244\_Z55 with a buffer of 0 meters. Additional

Info : Due Diligence. Number of Aboriginal sites and Aboriginal objects found is 94

This information is not guaranteed to be free from error omission. Heritage NSW and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.

Page 6 of 6



**NARRABRI MINE  
ENVIRONMENTAL  
MANAGEMENT  
SYSTEM**

Document owner:	Environmental Superintendent
Document approver:	General Manager
Revision period:	3 years
Revision:	6
Last revision date:	8 June 2023

**WHC\_PLN\_NAR\_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN**



**AHIMS Web Services (AWS)  
Extensive search - Site list report**

Your Ref/PO Number : 2023\_196b

Client Service ID : 789740

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
19-6-0085	Pine Creek T1/OS 18 <a href="#">Contact</a>	GDA	55	776010	6621200	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-6-0080	Pine Creek T1/OS 15 <a href="#">Contact</a>	GDA	55	776050	6621620	Open site	Valid	Artefact : 5		<a href="#">Permits</a>
19-6-0082	Pine Creek T1/OS 17 <a href="#">Contact</a>	GDA	55	776130	6621450	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-6-0075	Pine Creek T1/ISO 5 <a href="#">Contact</a>	GDA	55	776180	6621690	Open site	Valid	Artefact : 1		<a href="#">Permits</a>
19-6-0091	Pine Creek T1/OS 22 <a href="#">Contact</a>	GDA	55	776250	6621510	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-6-0190	Mayfield IA11 <a href="#">Contact</a>	GDA	55	776365	6617307	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-6-0095	Kurrajong T1/OS 55 <a href="#">Contact</a>	GDA	55	776560	6620006	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-6-0195	Mayfield AS10 <a href="#">Contact</a>	GDA	55	776515	6616966	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-6-0160	Kurrajong T1/OS 121 <a href="#">Contact</a>	GDA	55	778646	6621082	Open site	Destroyed	Artefact : 5		<a href="#">Permits</a>
19-6-0219	NCM Stage 1 (1) <a href="#">Contact</a>	GDA	55	778770	6620785	Open site	Valid	Aboriginal Resource and Gathering : -		<a href="#">Permits</a>
19-6-0186	Mayfield IA2 <a href="#">Contact</a>	GDA	55	774346	6616392	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-6-0184	Mayfield IA4 <a href="#">Contact</a>	GDA	55	774562	6616300	Open site	Valid	Artefact : -		<a href="#">Permits</a>
19-6-0083	Pine Creek T1/ISO 7 <a href="#">Contact</a>	GDA	55	775980	6621270	Open site	Valid	Artefact : 1		<a href="#">Permits</a>
19-6-0105	Kurrajong T1/OS 66 <a href="#">Contact</a>	GDA	55	776046	6619560	Open site	Valid	Artefact : 4		<a href="#">Permits</a>
19-6-0115	Kurrajong T1/OS 76 <a href="#">Contact</a>	GDA	55	776129	6619772	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-6-0090	Pine Creek T1/OS 21 <a href="#">Contact</a>	GDA	55	776250	6621480	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-6-0104	Kurrajong T1/OS 65 <a href="#">Contact</a>	GDA	55	776354	6619896	Open site	Valid	Artefact : 2		<a href="#">Permits</a>
19-6-0107	Kurrajong T1/ISO 68 <a href="#">Contact</a>	GDA	55	776360	6619836	Open site	Valid	Artefact : 1		<a href="#">Permits</a>

Report generated by AHIMS Web Service on 08/06/2023 for Matthew Whincop for the following area at Search using shape-file AHIMS\_ML1609buffer100eraseAHIMS244 with a buffer of 0 meters. Additional Info : Management Plan (eg. Vegetation Management Plan). Number of Aboriginal sites and Aboriginal objects found is 75

This information is not guaranteed to be free from error omission. Heritage NSW and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.





## AHIMS Web Services (AWS)

### Extensive search - Site list report

Your Ref/PO Number : 2023\_196b

Client Service ID : 789740

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
19-6-0100	Kurrajong T1/OS 60	GDA	55	776400	6620467	Open site	Valid	Artefact : 4		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0102	Kurrajong T1/OS 62	GDA	55	776503	6620048	Open site	Valid	Artefact : 3		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0101	Kurrajong T1/OS 61	GDA	55	776529	6620088	Open site	Valid	Artefact : 7		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0079	Pine Creek T1/ISO 6	GDA	55	776600	6621740	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0099	Kurrajong T1/OS 59	GDA	55	776665	6620401	Open site	Valid	Artefact : 6		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0218	NCM Stage 1 (2)	GDA	55	778351	6621156	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0154	Kurrajong T1/ISO 115	GDA	55	779096	6621008	Open site	Destroyed	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton,Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0086	Pine Creek T1/ISO 9	GDA	55	775900	6621080	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0169	Pine Creek T1-AGG1	GDA	55	776000	6622361	Open site	Valid	Grinding Groove : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Niche Environment and Heritage,Mr.Balazs Hansel						<a href="#">Permits</a>	
19-6-0113	Kurrajong T1/OS 74	GDA	55	776035	6619560	Open site	Valid	Artefact : 2		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0197	Mayfield AS9	GDA	55	776481	6616837	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0097	Kurrajong T1/ISO 57	GDA	55	776708	6620248	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0081	Pine Creek T1/OS 16	GDA	55	776100	6621620	Open site	Valid	Artefact : 3		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0181	Mayfield IA7	GDA	55	776022	6616822	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0180	Mayfield IA8	GDA	55	776106	6616942	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0106	Kurrajong T1/OS 67	GDA	55	776269	6619975	Open site	Valid	Artefact : 2		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0103	Kurrajong T1/ISO 64	GDA	55	776419	6619946	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0159	Kurrajong T1/ISO 120	GDA	55	778757	6621065	Open site	Destroyed	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton,Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	

Report generated by AHIMS Web Service on 08/06/2023 for Matthew Whincop for the following area at Search using shape-file AHIMS\_ML1609buffer100eraseAHIMS244 with a buffer of 0 meters. Additional Info : Management Plan (eg. Vegetation Management Plan). Number of Aboriginal sites and Aboriginal objects found is 75

This information is not guaranteed to be free from error omission. Heritage NSW and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.





**NARRABRI MINE  
ENVIRONMENTAL  
MANAGEMENT  
SYSTEM**

Document owner:	Environmental Superintendent
Document approver:	General Manager
Revision period:	3 years
Revision:	6
Last revision date:	8 June 2023

**WHC\_PLN\_NAR\_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN**



**AHIMS Web Services (AWS)  
Extensive search - Site list report**

Your Ref/PO Number : 2023\_196b

Client Service ID : 789740

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
19-6-0215	NCM Stage 1 (5)	GDA	55	778859	6620615	Open site	Valid	Artefact : -		
	<b>Contact</b>									<b>Permits</b>
19-6-0214	NCM Stage 1 (6)	GDA	55	779673	6619677	Open site	Valid	Artefact : -		
	<b>Contact</b>									<b>Permits</b>
19-6-0209	Merrilong IA1	GDA	55	774804	6616341	Open site	Valid	Artefact : -		
	<b>Contact</b>									<b>Permits</b>
19-6-0182	Mayfield IA6	GDA	55	776000	6616959	Open site	Valid	Artefact : -		
	<b>Contact</b>									<b>Permits</b>
19-6-0111	Kurrajong T1/OS 72	GDA	55	776174	6619651	Open site	Valid	Artefact : 9		
	<b>Contact</b>									<b>Permits</b>
19-6-0077	Pine Creek T1/OS 14	GDA	55	776250	6621700	Open site	Valid	Artefact : 18		
	<b>Contact</b>									<b>Permits</b>
19-6-0092	Pine Creek T1/OS 23	GDA	55	776270	6621560	Open site	Valid	Artefact : 4		
	<b>Contact</b>									<b>Permits</b>
19-6-0078	Pine Creek T1/ST 1	GDA	55	776400	6621660	Open site	Valid	Modified Tree (Carved or Scarred) :		
	<b>Contact</b>									<b>Permits</b>
19-6-0110	Kurrajong T1/OS 71	GDA	55	776453	6619769	Open site	Valid	Artefact : 2		
	<b>Contact</b>									<b>Permits</b>
19-6-0152	Kurrajong T1/OS 113	GDA	55	779082	6620856	Open site	Destroyed	Artefact : 3		
	<b>Contact</b>									<b>Permits</b>
19-6-0073	Pine Creek T1/OS 11	GDA	55	775820	6621630	Open site	Valid	Artefact : 2		
	<b>Contact</b>									<b>Permits</b>
19-6-0074	Pine Creek T1/OS 12	GDA	55	776130	6621700	Open site	Valid	Artefact : 7		
	<b>Contact</b>									<b>Permits</b>
19-6-0076	Pine Creek T1/OS 13	GDA	55	776200	6621700	Open site	Valid	Artefact : 4		
	<b>Contact</b>									<b>Permits</b>
19-6-0119	Kurrajong T1/OS 80	GDA	55	776210	6619810	Open site	Valid	Artefact : 5		
	<b>Contact</b>									<b>Permits</b>
19-6-0188	Mayfield IA9	GDA	55	776209	6616953	Open site	Valid	Artefact : -		
	<b>Contact</b>									<b>Permits</b>
19-6-0109	Kurrajong T1/OS 70	GDA	55	776393	6619862	Open site	Valid	Artefact : 4		
	<b>Contact</b>									<b>Permits</b>
19-6-0098	Kurrajong T1/OS 58	GDA	55	776558	6620297	Open site	Valid	Artefact : 4		
	<b>Contact</b>									<b>Permits</b>
19-6-0189	Mayfield IA10	GDA	55	776579	6617467	Open site	Valid	Artefact : -		

Report generated by AHIMS Web Service on 08/06/2023 for Matthew Whincop for the following area at Search using shape-file AHIMS\_ML1609buffer100eraseAHIMS244 with a buffer of 0 meters. Additional Info : Management Plan (eg. Vegetation Management Plan). Number of Aboriginal sites and Aboriginal objects found is 75

This information is not guaranteed to be free from error omission. Heritage NSW and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.



**NARRABRI MINE  
ENVIRONMENTAL  
MANAGEMENT  
SYSTEM**

Document owner:	Environmental Superintendent
Document approver:	General Manager
Revision period:	3 years
Revision:	6
Last revision date:	8 June 2023

**WHC\_PLN\_NAR\_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN**



**AHIMS Web Services (AWS)  
Extensive search - Site list report**


Your Ref/PO Number : 2023\_196b

Client Service ID : 789740

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0216	NCM Stage 1 (4)	GDA	55	778338	6620931	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0158	Kurrajong T1/OS 119	GDA	55	778845	6621031	Open site	Destroyed	Artefact : 3		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton,Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0157	Kurrajong T1/OS 118	GDA	55	778892	6620972	Open site	Destroyed	Artefact : 3		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton,Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0206	Mayfield AS5	GDA	55	774587	6616229	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0117	Kurrajong T1/OS 78	GDA	55	776021	6619792	Open site	Valid	Artefact : 3		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0116	Kurrajong T1/ISO 77	GDA	55	776069	6619787	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0112	Kurrajong T1/ISO 73	GDA	55	776111	6619633	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0118	Kurrajong T1/ISO 79	GDA	55	776219	6619775	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0108	Kurrajong T1/OS 69	GDA	55	776353	6619843	Open site	Valid	Artefact : 3		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0096	Kurrajong T1/OS 56	GDA	55	776590	6620043	Open site	Valid	Artefact : 2		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0153	Kurrajong T1/OS 114	GDA	55	779193	6620847	Open site	Destroyed	Artefact : 5		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton,Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0155	Kurrajong T1/OS 116	GDA	55	779220	6621024	Open site	Destroyed	Artefact : 2		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton,Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0185	Mayfield IA3	GDA	55	774521	6616263	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0196	Mayfield AS8	GDA	55	775820	6616892	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd						<a href="#">Permits</a>	
19-6-0084	Pine Creek T1/ISO 8	GDA	55	776020	6621260	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0114	Kurrajong T1/OS 75	GDA	55	776054	6619757	Open site	Valid	Artefact : 3		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0161	Kurrajong T1/OS 63	GDA	55	776430	6619968	Open site	Valid	Artefact : 7		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mr.John Appleton						<a href="#">Permits</a>	
19-6-0194	Mayfield AS11	GDA	55	776519	6617034	Open site	Valid	Artefact : -		

Report generated by AHIMS Web Service on 08/06/2023 for Matthew Whincop for the following area at Search using shape-file AHIMS\_ML1609buffer100eraseAHIMS244 with a buffer of 0 meters. Additional Info : Management Plan (eg. Vegetation Management Plan). Number of Aboriginal sites and Aboriginal objects found is 75

This information is not guaranteed to be free from error omission. Heritage NSW and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			



## AHIMS Web Services (AWS)

### Extensive search - Site list report

Your Ref/PO Number : 2023\_196b

Client Service ID : 789740

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
	<u>Contact</u>	<u>Recorders</u>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd					<u>Permits</u>		
19-6-0193	Mayfield AS12	GDA	55	776549	6617367	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd					<u>Permits</u>		
19-6-0217	NCM Stage 1 (3)	GDA	55	778098	6621242	Open site	Valid	Modified Tree (Carved or Scarred) :		
	<u>Contact</u>	<u>Recorders</u>	Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd					<u>Permits</u>		
19-6-0156	Kurrajong T1/ISO 117	GDA	55	779002	6620852	Open site	Destroyed	Artefact : 1		
	<u>Contact</u>	<u>Recorders</u>	Mr.John Appleton,Doctor.Matthew Whincop,Whincop Archaeology Pty Ltd					<u>Permits</u>		

**\*\* Site Status**

**Valid** - The site has been recorded and accepted onto the system as valid

**Destroyed** - The site has been completely impacted or harmed usually as consequence of permit activity but sometimes also after natural events. There is nothing left of the site on the ground but proponents should proceed with caution.

**Partially Destroyed** - The site has been only partially impacted or harmed usually as consequence of permit activity but sometimes also after natural events. There might be parts or sections of the original site still present on the ground

**Not a site** - The site has been originally entered and accepted onto AHIMS as a valid site but after further investigations it was decided it is NOT an aboriginal site. Impact of this type of site does not require permit but Heritage NSW should be notified

Report generated by AHIMS Web Service on 08/06/2023 for Matthew Whincop for the following area at Search using shape-file AHIMS\_ML1609buffer100eraseAHIMS244 with a buffer of 0 meters. Additional Info : Management Plan (eg. Vegetation Management Plan). Number of Aboriginal sites and Aboriginal objects found is 75

This information is not guaranteed to be free from error omission. Heritage NSW and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## Appendix D - Aboriginal cultural heritage sites

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

**Table D-1 Aboriginal sites located within Narrabri Mine**

AHIMS ID	Site name	Easting	Northing	Type	Scientific significance	Description
19-3-0084	Pine Creek T2/OS 1	774380	6623220	Artefact Scatter	Medium	15 artefacts in 8mx8m on eroding creek bank of Pine Creek plus additional artefact 30m to east.
19-3-0085	Pine Creek T2/ISO 1	774460	6623260	Isolated artefact	Low	Isolated find within 30m of creek bank.
19-3-0086	Pine Creek T2/OS 2	774680	6623380	Artefact Scatter	Low	4 artefacts in a 3mx3m area on an eroding creek bank.
19-3-0087	Pine Creek T2/OS 3	774540	6623370	Artefact Scatter	Medium	6 Artefacts over 8mx5m area of actively eroding creek bank plus ground edged axe 10 metres west.
19-3-0088	Pine Creek T2/OS 4	775150	6622600	Artefact Scatter	Low	3 artefacts over 2mx2m area adjacent to Pine Creek.
19-3-0089	Pine Creek T2/OS 5	775250	6623000	Artefact Scatter	Low	3 artefacts over 3mx2m area adjacent to track at creek crossing.
19-3-0090	Pine Creek T2/OS 6	775170	6623200	Artefact Scatter	Low	6 artefacts over 30mx10m area within horseshoe bend of creek.
19-3-0091	Pine Creek T2/ISO 2	775100	6623230	Isolated artefact	Low	Chert flaked piece within 10m of creek.
19-3-0092	Pine Creek T2/ISO 3	775000	6623380	Isolated artefact	Low	Quartz trimming flake (debitage) within 20m of creek.
19-3-0093	Pine Creek T2/OS 7	775270	6623190	Artefact Scatter	Low	2 artefacts (chert flakes) 2m apart 20m from creek.
19-3-0094	Pine Creek T2/AGG 1	775260	6623160	Grinding grooves	High	3 grooves on 2 floaters of sandstone within 50m of creek with hand axe near grooves
19-3-0095	Pine Creek T2/OS 24	775710	6622970	Artefact Scatter	Low	2 artefacts 20m apart. flakes 30m from creek.
19-3-0096	Pine Creek T2/ISO 11	775760	6623060	Isolated artefact	Low	Chert flake 35m from creek.
19-3-0097	Pine Creek T2/ISO 12	775640	6623290	Isolated artefact	Low	Chert flake in road 15m from drainage line and 50m from creek.
19-3-0098	Pine Creek T2/OS 25	775580	6623390	Artefact Scatter	High	13 artefacts in 20mx15m area over low rise 30m from creek.
19-3-0099	Pine Creek T2/OS 26	775660	6623500	Artefact Scatter	High	>100 artefacts contained within these coordinates, 30m from the creek, comprising flakes and flake pieces.
19-3-0100	Pine Creek T2/OS 27	775720	6623530	Artefact Scatter	Low	4 artefacts over 7mx5m area 10m from creek comprising flakes and flake pieces.
19-3-0101	Pine Creek T2/OS 27.	775630	6623220	Artefact Scatter	Low	7 artefacts over 10mx5m area 15m from creek comprising scrapers and flakes.
19-3-0102	Pine Creek T2/OS 28	775640	6623140	Artefact Scatter	Low	2 artefacts 5m apart comprising flakes 15m from creek.
19-3-0103	Pine Creek ISO 44	774191	6623362	Isolated artefact	Low	1 silcrete flake; 60m from creek.
19-3-0104	Pine Creek ISO 45	774225	6623326	Isolated artefact	Low	1 mudstone flake; 60m from creek. Additional 4 artefacts found
19-3-0105	Pine Creek ISO 46	774223	6623302	Isolated artefact	Low	1 mudstone flake; 70m from creek. 3 additional artefacts found
19-3-0106	Pine Creek OS 47	774254	6623273	Artefact Scatter	Low	2 flakes 3m apart; 3 additional artefacts found
19-3-0107	Pine Creek OS 48	774286	6623232	Artefact Scatter	Low	3 flakes in 3mx3m area 40m from creek. 3 additional artefacts found
19-3-0108	Pine Creek OS 49	774321	6623231	Artefact Scatter	Low	5 flakes in 10mx5m area; 30m from creek. 3 additional artefacts found
19-3-0109	Pine Creek OS 50	774341	6623233	Artefact Scatter	Low	3 flakes in and beside gully 20m from creek. 3 additional artefacts found
19-3-0110	Pine Creek OS 51	773932	6623550	Artefact Scatter	Low	3 flakes in 10mx5m area of dam wall.
19-3-0111	Pine Creek OS 52	773960	6623535	Artefact Scatter	Low	2 flakes 2m apart – all flakes; in dam wall. 2 additional artefacts found
19-3-0112	Pine Creek OS 53	773936	6623490	Artefact Scatter	Low	6 artefacts in 20mx5m area of dam wall; includes flakes and core.
19-3-0113	Pine Creek OS 54	774187	6623206	Artefact Scatter	Low	2 flakes 5m apart on dam wall.
19-3-0153	Pine Creek ISO 125	774100	6623275	Isolated artefact	Low	Isolated artefact on existing vehicle track; 100m from creek
19-3-0154	Pine Creek ISO 124	774207	6623420	Isolated artefact	Low	Isolated artefact on existing vehicle track; 25m from creek
19-3-0155	Pine Creek ISO 126	773989	6623174	Isolated artefact	Low	Isolated artefact on existing vehicle track; 160m from creek.





**NARRABRI MINE  
ENVIRONMENTAL  
MANAGEMENT  
SYSTEM**

Document owner:	Environmental Superintendent
Document approver:	General Manager
Revision period:	3 years
Revision:	6
Last revision date:	8 June 2023

**WHC\_PLN\_NAR\_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN**

AHIMS ID	Site name	Easting	Northing	Type	Scientific significance	Description
19-3-0156	Turrawan Track ISO 128	772435	6624670	Isolated artefact	Low	Isolated artefact on existing vehicle track, 20m from creek
19-3-0157	Pine Creek OS 129	772831	6623540	Artefact Scatter	Low	4 artefacts in 15mx10m area; Pine Creek directly north
19-3-0158	Pine Creek OS 127	773442	6623531	Artefact Scatter	Low	5 artefacts in 10mx5m area; 20m from creek
19-3-0207	Pine Tree Grove IA2	775608	6623149	Isolated artefact	Low	Isolated stone artefact on elevated area south of creek line
19-3-0208	Pine Tree Grove IA1	775608	6623084	Isolated artefact	Low	Isolated broken flake artefact on elevated area
19-3-0209	Pine Tree Grove AS1	775535	6623132	Artefact Scatter	Low	5 artefacts located in Pine Tree grove
19-3-0211	Pine Creek T1 ST2 123	774755	6623246	Scarred Tree	High	Genuine looking scar with modern surveyors' markings
19-3-0212	Pine Creek AS1	775030	6623319	Artefact Scatter	Low	2 artefacts located in vicinity of Pine Creek
19-6-0069	Pine Creek T1/OS 8	775670	6621610	Artefact Scatter	Low	4 artefacts over 30mx2m area within 20m of creek comprising core and flakes.
19-6-0070	Pine Creek T1/OS 9	775640	6621690	Artefact Scatter	Low	3 chert cores over 2mx2m area.
19-6-0071	Pine Creek T1/OS 10	775700	6621640	Artefact Scatter	Low	4 artefacts over 30mx2m area comprising core and flakes.
19-6-0072	Pine Creek T1/ISO 4	775780	6621690	Isolated artefact	Low	Flaked piece of chert within 20m of creek.
19-6-0073	Pine Creek T1/OS 11	775820	6621630	Artefact Scatter	Low	2 artefacts 3m apart, core and flake.
19-6-0074	Pine Creek T1/OS 12	776130	6621700	Artefact Scatter	Low	7 Artefacts over 30mx3m area within 20m of creek.
19-6-0075	Pine Creek T1/ISO 5	776180	6621690	Isolated artefact	Low	Chert flake 10m from creek.
19-6-0076	Pine Creek T1/OS 13	776200	6621700	Artefact Scatter	Low	4 artefacts
19-6-0077	Pine Creek T1/OS 14	776250	6621700	Artefact Scatter	Low	18 artefacts over 20mx20m area including collapsed wall of dam.
19-6-0078	Pine Creek T1/ST 1	776400	6621660	Scarred Tree	Low	RAPs advised during December 2014 that this is not a scarred tree. Further consultation will be required to remove from AHIMS.
19-6-0079	Pine Creek T1/ISO 6	776600	6621740	Isolated artefact	Low	Chert flake within 30m of creek.
19-6-0080	Pine Creek T1/OS 15	776050	6621620	Artefact Scatter	Low	5 artefacts over 15mx5m area south of the wall of a dam.
19-6-0081	Pine Creek T1/OS 16	776100	6621620	Artefact Scatter	Low	3 flakes over 25mx1m area, 30-40m from creek.
19-6-0082	Pine Creek T1/OS 17	776130	6621450	Artefact Scatter	Low	2 artefacts in vehicle track crossing creek comprising core and flake.
19-6-0083	Pine Creek T1/ISO 7	775980	6621270	Isolated artefact	Low	Chert flake at junction of drainage line with creek.
19-6-0084	Pine Creek T1/ISO 8	776020	6621260	Isolated artefact	Low	Chert flake at junction of drainage line with creek.
19-6-0085	Pine Creek T1/OS 18	776010	6621200	Artefact Scatter	Low	2 flakes 3m apart
19-6-0086	Pine Creek T1/ISO 9	775900	6621080	Isolated artefact	Low	Flake at junction of drainage channel and creek.
19-6-0087	Pine Creek T1/ISO 10	775780	6620780	Isolated artefact	Low	Core at junction of drainage channel and creek.
19-6-0088	Pine Creek T1/OS 19	775690	6620800	Artefact Scatter	Low	2 artefacts 4m apart on gully bank.
19-6-0089	Pine Creek T1/OS 20	775730	6620740	Artefact Scatter	Low	3 artefacts in 5mx*1m area. Core and flakes within gully bank.
19-6-0090	Pine Creek T1/OS 21	776250	6621480	Artefact Scatter	Low	Core and flake 10m apparat and 40m from creek.
19-6-0091	Pine Creek T1/OS 22	776250	6621510	Artefact Scatter	Low	2 flakes 15m apart, 12m from creek.
19-6-0092	Pine Creek T1/OS 23	776270	6621560	Artefact Scatter	Low	4 flakes 15m apart, 10m from creek.
19-6-0093	Pine Creek T1/FP1	775080	6620610	Hearth	High	3 hearths identified in washout beside road approx. 40m from drainage line.
19-6-0095	Kurrajong T1/OS 55	776560	6620006	Artefact Scatter	Low	2 artefacts 15m apart, 30m from creek, includes flake and core
19-6-0096	Kurrajong T1/OS 56	776590	6620043	Artefact Scatter	Low	2 artefacts 15m apart, 25m from creek, includes flake and core



**NARRABRI MINE  
ENVIRONMENTAL  
MANAGEMENT  
SYSTEM**

Document owner:	Environmental Superintendent
Document approver:	General Manager
Revision period:	3 years
Revision:	6
Last revision date:	8 June 2023

**WHC\_PLN\_NAR\_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN**

AHIMS ID	Site name	Easting	Northing	Type	Scientific significance	Description
19-6-0097	Kurrajong T1/ISO 57	776708	6620248	Isolated artefact	Low	1 metasedimentary flake, 20m from creek
19-6-0098	Kurrajong T1/OS 58	776558	6620297	Artefact Scatter	Low	4 artefacts in 15mx15m area, 15m from creek, includes flakes and core
19-6-0099	Kurrajong T1/OS 59	776665	6620401	Artefact Scatter	Low	6 artefacts in 20mx15m area, 25m from creek, includes cores and flakes
19-6-0100	Kurrajong T1/OS 60	776400	6620467	Artefact Scatter	Low	4 artefacts in 30mx3m area, 20m from creek, includes core, flakes and potential hammer stone
19-6-0101	Kurrajong T1/OS 61	776529	6620088	Artefact Scatter	Low	7 artefacts in 20mx15m area, 20m from creek, includes cores and flakes
19-6-0102	Kurrajong T1/OS 62	776503	6620048	Artefact Scatter	Low	3 artefacts in 20mx5m area, 15m from creek, includes cores and flake
19-6-0103	Kurrajong T1/ISO 64	776419	6619946	Isolated artefact	Low	1 metasedimentary flake, 15m from creek
19-6-0104	Kurrajong T1/OS 65	776354	6619896	Artefact Scatter	Low	2 flakes 2m apart, 50m from creek
19-6-0105	Kurrajong T1/OS 66	776046	6619560	Artefact Scatter	Low	4 flakes in 20mx20m area, 100m from creek
19-6-0106	Kurrajong T1/OS 67	776269	6619975	Artefact Scatter	Low	2 flakes 15m apart, 200m from creek (top of knoll)
19-6-0107	Kurrajong T1/ISO 68	776360	6619836	Isolated artefact	Low	1 metasedimentary flake piece, dam wall.
19-6-0108	Kurrajong T1/OS 69	776353	6619843	Artefact Scatter	Low	3 flakes in 15mx2m strip, edge of paddock
19-6-0109	Kurrajong T1/OS 70	776393	6619862	Artefact Scatter	Low	4 flakes, edge of dam
19-6-0110	Kurrajong T1/OS 71	776453	6619769	Artefact Scatter	Low	2 flakes 3m apart, edge of dam
19-6-0111	Kurrajong T1/OS 72	776174	6619651	Artefact Scatter	Low	9 flakes, 70m from creek
19-6-0112	Kurrajong T1/ISO 73	776111	6619633	Isolated artefact	Low	1 chert flake, 100m from creek
19-6-0113	Kurrajong T1/OS 74	776035	6619560	Artefact Scatter	Low	2 flakes 5m apart, 100m from creek
19-6-0114	Kurrajong T1/OS 75	776054	6619757	Artefact Scatter	Low	3 flakes 5mx3m area, 50m from creek
19-6-0115	Kurrajong T1/OS 76	776129	6619772	Artefact Scatter	Low	2 flakes 10m apart, 60m from creek
19-6-0116	Kurrajong T1/ISO 77	776069	6619787	Isolated artefact	Low	1 chert flake, 80m from creek
19-6-0117	Kurrajong T1/OS 78	776021	6619792	Artefact Scatter	Low	3 flakes in 15mx10m area, 100m from creek
19-6-0118	Kurrajong T1/ISO 79	776219	6619775	Isolated artefact	Low	1 chert flake, 50m from creek
19-6-0119	Kurrajong T1/OS 80	776210	6619810	Artefact Scatter	Low	5 flakes along 15m narrow track, 80m from creek
19-6-0120	Kurrajong T1/ISO 81	774687	6619444	Isolated artefact	Low	1 metasedimentary flake, 30m from creek
19-6-0121	Kurrajong T1/OS 82	774400	6619174	Artefact Scatter	Low	9 flakes in 30mx20m area, 30m from creek
19-6-0122	Kurrajong T1/OS 83	774312	6619099	Artefact Scatter	Low	7 flakes in 30mx20m area, 30m from creek
19-6-0123	Kurrajong T1/OS 84	774282	6619053	Artefact Scatter	Low	5 flakes in 10m*5m area, 40m from creek
19-6-0124	Kurrajong T1/OS 85	774250	6619003	Artefact Scatter	Low	3 artefacts in 10mx5m area, 30m from creek, flakes and core
19-6-0125	Kurrajong T1/OS 86	774230	6618998	Artefact Scatter	Low	2 flakes 5m apart 20m from creek
19-6-0126	Kurrajong T1/ISO 87	774166	6618811	Isolated artefact	Low	1 flake piece, 40m from drainage line
19-6-0127	Kurrajong T1/OS 88	773570	6618800	Artefact Scatter	Low	2 flakes 10m apart, 20m from creek
19-6-0128	Kurrajong T1/ISO 89	773971	6619030	Isolated artefact	Low	1 metasedimentary flake, 25m from creek
19-6-0129	Kurrajong T1/OS 90	774221	6619181	Artefact Scatter	Low	5 artefacts in 40mx3m strip, inner dam face, includes cores and flakes
19-6-0130	Kurrajong T1/OS 91	774975	6619298	Artefact Scatter	Low	2 artefacts 10m apart, 40m from creek, includes core and flake
19-6-0131	Kurrajong T1/ISO 92	774954	6619212	Isolated artefact	Low	1 metasedimentary flake, 75m from creek



**NARRABRI MINE  
ENVIRONMENTAL  
MANAGEMENT  
SYSTEM**

Document owner:	Environmental Superintendent
Document approver:	General Manager
Revision period:	3 years
Revision:	6
Last revision date:	8 June 2023

**WHC\_PLN\_NAR\_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN**

AHIMS ID	Site name	Easting	Northing	Type	Scientific significance	Description
19-6-0132	Kurrajong T1/OS 93	774958	6619354	Artefact Scatter	Low	2 flakes in 40mx3m strip, inner dam face
19-6-0133	Kurrajong T1/OS 94	774955	6619330	Artefact Scatter	Low	6 flakes in 25mx25m area, 30m from creek
19-6-0134	Kurrajong T1/OS 95	774977	6619291	Artefact Scatter	Low	7 artefacts in 20mx20m area, 40m from creek, includes flakes and cores
19-6-0135	Kurrajong T1/OS 96	774877	6619178	Artefact Scatter	Low	3 artefacts in 15mx15m area, inner dam face
19-6-0136	Kurrajong T1/ISO 97	774783	6619064	Isolated artefact	Low	1 metasedimentary flake, 20m from creek
19-6-0137	Kurrajong T1/OS 98	774742	6618977	Artefact Scatter	Low	2 artefacts 10m apart, 40m from creek, includes core and flake
19-6-0138	Kurrajong T1/OS 99	774697	6618941	Artefact Scatter	Low	2 artefacts 15m apart, 40m from creek, includes core and flake
19-6-0139	Kurrajong T1/OS 100	774878	6619099	Artefact Scatter	Low	4 flakes in 15mx15m area, 20m from creek
19-6-0140	Kurrajong T1/ISO 101	774980	6619194	Isolated artefact	Low	1 quartz flake, 30m from creek
19-6-0141	Kurrajong T1/OS 102	775044	6619434	Artefact Scatter	Low	3 flakes in 20mx20m area, 50m from creek
19-6-0142	Kurrajong CR/OS 103	775195	6617782	Artefact Scatter	Low	3 cores in 30mx30m area, 80m from creek
19-6-0143	Kurrajong CR/OS 104	775220	6617682	Artefact Scatter	Low	3 artefacts in 30mx30m area, 150m from creek, included cores and flake
19-6-0144	Kurrajong CR/OS 105	775233	6618102	Artefact Scatter	Low	2 flakes in 20mx20m area, 150m from creek
19-6-0145	Kurrajong CR/OS 106	775007	6616792	Artefact Scatter	Medium	3 flakes in 40mx15m strip, 30m from creek
19-6-0146	Kurrajong CR/OS 107	775020	6616744	Artefact Scatter	Medium	34 artefacts in 40mx40m area, 150m from creek, included flakes and cores
19-6-0161	Kurrajong T1/OS 63	776430	6619968	Artefact Scatter	Low	7 flakes in 30mx5m area, 15m from creek
19-6-0166	Pine Creek T3 ISO 131	772841	6621434	Isolated artefact	Low	Isolated artefact on west bank of 2nd order ephemeral creek of Pine Creek
19-6-0167	Pine Creek T3 ISO 132	773063	6621692	Isolated artefact	Low	Isolated artefact on west bank of 2nd order ephemeral creek of Pine Creek
19-6-0168	Pine Creek T3 OS 130	773065	6621721	Artefact Scatter	Medium	20+ artefact scatter located on west bank of 2nd order ephemeral creek of Pine Creek
19-6-0169	Pine Creek T1-AGG1	776000	6622361	Grinding grooves	High	6 grinding grooves located on 3 sandstone platforms
19-6-0180	Mayfield IA8	776106	6616942	Isolated artefact	Low	1 chert flake
19-6-0181	Mayfield IA7	776022	6616822	Isolated artefact	Low	1 chert flake
19-6-0182	Mayfield IA6	776000	6616959	Isolated artefact	Low	1 silcrete flake
19-6-0183	Mayfield IA5	775765	6616937	Isolated artefact	Low	1 silcrete flake
19-6-0184	Mayfield IA4	774562	6616300	Isolated artefact	Low	1 silcrete flake
19-6-0186	Mayfield IA2	774346	6616392	Isolated artefact	Low	1 chert flake
19-6-0188	Mayfield IA9	776209	6616953	Isolated artefact	Low	1 silcrete flake
19-6-0189	Mayfield IA10	776579	6617467	Isolated artefact	Low	1 silcrete flake
19-6-0190	Mayfield IA11	776365	6617307	Isolated artefact	Low	1 silcrete flake
19-6-0191	Mayfield GG1	774227	6617543	Grinding Grooves	Medium	48 x grinding grooves within 23m x 15m area
19-6-0192	Mayfield AS13	775312	6616894	Artefact Scatter	Medium	132 artefacts within 300m x 120m – incorporates earlier sites 19-6-0147, 19-6-0148, 19-6-0149, 19-6-0150, 19-6-0151 (these are still considered valid in AHIMS)
19-6-0193	Mayfield AS12	776550	6617367	Artefact Scatter	Medium	130 artefacts within 250m x 150m
19-6-0194	Mayfield AS11	776519	6617035	Artefact Scatter	Low	2 chert flakes, and 1 silcrete flake
19-6-0195	Mayfield AS10	776515	6616966	Artefact Scatter	Low	2 silcrete flakes and 2 angular fragments
19-6-0196	Mayfield AS8	775820	6616892	Artefact Scatter	Low	2 silcrete flakes



**NARRABRI MINE  
ENVIRONMENTAL  
MANAGEMENT  
SYSTEM**

Document owner:	Environmental Superintendent
Document approver:	General Manager
Revision period:	3 years
Revision:	6
Last revision date:	8 June 2023


**WHC\_PLN\_NAR\_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN**

AHIMS ID	Site name	Easting	Northing	Type	Scientific significance	Description
19-6-0197	Mayfield AS9	776481	6616837	Artefact Scatter	Low	11 artefacts within 20m x 100m
19-6-0198	Mayfield AS7	775709	6617249	Artefact Scatter	Low	1 chert flake, 1 silcrete flake and 1 silcrete distal flake
19-6-0199	Mayfield AS6	775515	6616874	Artefact Scatter	Low	25 features within 80m x 40m scatter
19-6-0200	Westhaven AS1	775066	6619486	Artefact Scatter	Low	4 artefacts
19-6-0207	Westhaven IA1	775119	6619233	Isolated artefact	Low	1 chalcedony flake
19-6-0209	Merrilong IA1	774804	6616341	Isolated artefact	Low	1 chert flake
19-6-0212	Claremont GG1	775711	6620205	Grinding Groove	Low	Single grinding groove identified on sandstone
19-6-0213	NCM Stage 1 (7)	772759	6621273	Scarred Tree	Medium	A single cultural scar on a fallen tree
19-6-0214	NCM Stage 1 (6)	779673	6619677	Isolated artefact	Low	1 silcrete flake located in agricultural paddock
19-6-0215	NCM Stage 1 (5)	778859	6620615	Artefact Scatter	Low	3 Chert flakes exposed by small gully erosion joining the creek
19-6-0216	NCM Stage 1 (4)	778338	6620931	Artefact Scatter	Low	Low density scatter exposed by the erosion of the creek terrace. >10 artefacts within a 20m radius, including flakes and cores.
19-6-0217	NCM Stage 1 (3)	778098	6621242	Scarred Tree	Low	Dead tree, with upper half broken off and lying on ground. The cultural scar is approximately 104cm x 30cm
19-6-0218	NCM Stage 1 (2)	778351	6621156	Artefact Scatter	Low	Low density scatter located on the edge of the creek terrace. 12 flakes were identified within a 10m radius
19-6-0219	NCM Stage 1 (1)	778770	6620785	Resource site	Low	Wild orange trees, a native food resource
36-3-3319	Kurrajong T1 OS 136	775391	6619507	Artefact Scatter	Low	11 artefacts within 50m x 20m

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## Appendix E - Site salvage procedure



	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			


## Site salvage procedure

In the event that identified sites cannot be avoided, the following site salvage procedure will be followed:

1. Seek the written approval of the Secretary prior to commencing any salvaging works and apply for a 'Transfer of Aboriginal Objects' permit required by s85A of the NP&W Act.
2. Peg the location of the site to be salvaged.
3. Commission an archaeologist and invite representatives from the RAPs to salvage all visible artefacts by hand collection or excavation if warranted (e.g. undisturbed subsurface deposits are likely to exist).
4. The archaeologist will provide a Salvage Report outlining the results of the salvage activity, including a list and basic description of artefacts collected. The report will also provide recommendations for further detailed analysis, if warranted by the nature of the salvage activity (e.g., if artefacts were excavated from an undisturbed subsurface deposit associated with a rare or unusual cultural feature or object). When undertaken, artefact analysis will be completed within 6 months of the salvage program, and a short report outlining the results of the analysis prepared upon completion of the analysis.
5. Place the salvaged material in the care and control, requiring authorisation under a Care Agreement, of the Aboriginal organisation agreed by the RAPs. Narrabri Mine has agreed to provide a 'Keeping Place' within the Mining Lease.
6. Provide copies of the Salvage Report to DPE, the RAPs and Heritage NSW within 12 months of completing the salvage.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## Appendix F - Discovery of possible human remains procedure

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

## Discovery of possible human remains procedure


If potential human remains or burial are discovered, the NSW *Coroners Act 2009* requires that all works cease, and the NSW Police and the NSW Coroners Court be contacted. Should any potential human bone(s) be uncovered, or potential burials be identified by NCOPL personnel or contractors, the following procedure will be followed:

1. All work surrounding the area must cease immediately, and the area must be secured with a 50m buffer area around the object or place to cordon off and the relevant Supervisor notified. Work can continue beyond the 50 m buffer.
2. Notify the Environmental Superintendent who will notify the General Manager;
3. The Environmental Superintendent will immediately notify NSW Police and Heritage NSW on (02) 9873 8500 or Environment Protection Authority Environment Line on 131 555 to advise that potential human remains or a burial have been discovered and that the police have been notified.
4. The Environmental Superintendent will contact the RAPs to notify them that potential human remains and/or a burial have been discovered.
5. The Environmental Superintendent will implement any requirements of the police to protect the area of the find.
6. Traditional Aboriginal burials which occur outside designated cemeteries are protected under the NP&W Act and should not be disturbed. Interpreting the age and nature of skeletal remains is a specialist field and an appropriately skilled archaeologist or physical anthropologist should be engaged to inspect the find and recommend an appropriate course of action. NCOPL will engage a suitably qualified person to clearly identify the remains or burial.
7. Should the remains prove to be Aboriginal in origin, notification of Heritage NSW and the Local Aboriginal Land Council(s) will be required, in accordance with the NP&W Act (notification should also be made to the Commonwealth Minister for the Environment, under the provisions of the *Aboriginal and Torres Strait Islander Heritage Protection Act 1984*).
8. Do not recommence work in the area until authorised by NSW Police and Heritage NSW.

Failure to report a discovery and those responsible for the damage or destruction occasioned by unauthorised removal or alteration to a site or to archaeological material may be prosecuted under the NP&W Act (as amended).

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## Appendix G - Salvage and curation of scarred trees procedure

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

## Salvage and curation of scarred trees procedure

Any trees identified as having a culturally made scar(s) on the mine site will be retained in situ. NCOPL is committed to avoiding all culturally scarred trees, although this may not be possible for any newly identified trees (depending upon their location). Where this is not possible, the following procedure, based on an industry best practice scarred tree removal and relocation procedure (Rio Tinto Coal Australia, 2008), for salvage and curation will be followed:

### 1. Pre-removal preparation:

- prior to salvaging a scarred tree consultation will be undertaken with the RAPs which will include the methodology, the location of the keeping place and RAP representative involvement;
- a qualified arborist will be engaged to plan, conduct and direct the tree removal works;
- a qualified archaeologist will also be engaged to attend the removal to address potential archaeological issues, such as identifying new artefacts during tree removal;
- a pre-removal meeting will be held onsite with the identified people above; and
- advice from the RAPs will be sought as to whether, in the circumstances, a gender balance (male/female) is required.

### 2. Removal/relocation:


The following is a guide to removal/relocation but the process is subject to the arborist's recommendations:

- prepare access and safe work area;
- wrap carpet or similar around scar for protection;
- erect elevated platform to remove overhanging branches/limbs (if required);
- attach lift swing;
- use backhoe/excavator to trench around tree in order to expose the trunk above the roots;
- once the trench has been dug and the base of bole cut, use a crane or similar to remove the tree from the trench;
- load the tree on a truck, or similar, for transportation to the agreed keeping place for storage; and
- tree can then be cleaned and cared for including application of pest control.

### 3. Storage:

Consultation undertaken with the RAPs will have established an appropriate storage location/facility for the salvaged tree(s). This may be a large shed or container. Trees will be placed on non-timber based sleepers such as high strength concrete block or plinths. The storage facility must be of sufficient size to adequately store and maintain the number and sizes of all removed trees. The facility must be suitable for enabling cleaning and maintenance of the trees. A tag, identifying the tree, including AHIMS ID will be placed on the tree. In addition, a barrier layer of acrylic resin at the base or other suitable area of the tree and an indelible pigment-based pen will be used to apply the registration number of the scarred tree.



	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

#### 4. Management/preservation:

##### ***Preservation – Cleaning***


Many trees suffer from termite activity and rotting which subsequently hollows the tree's trunk. Therefore, all termite detritus will be cleared from the inside of the trunk and the outer surface. Termite detritus will be removed using brushes and probes and then vacuumed. Insects recovered during this process will be identified to determine an appropriate eradication procedure. Insect traps such as glue pads will be placed throughout the storage container or shed.

##### ***Preservation – Seasoning***

Should the scarred tree that is salvaged be a living or 'green' tree it must be stored indoors until the moisture content is below 20%. Trees with a moisture content less than 20% are unlikely to support decay fungi degradation and should also be relatively physically stable. In dry conditions, the trees will age and season readily.

Once seasoned, high temperatures should not affect the trees, however 'green' humidity may obstruct the drying process. Humidity indicators and moisture detection strips may be used as a guide to ventilation requirements. Such requirement may be as simple as opening the container or shed doors on a dry day. The scarred trees will be monitored regularly (monthly) during the initial stages of their storage.

Prior to salvaging scarred trees on-site in accordance with the above procedure the mine will seek the approval of the Planning Secretary nominating the tree(s) to be salvaged/stored.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			

## Appendix H - Accidental damage to known sites procedure

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN			


## Accidental damage to known sites procedure

In the event that inadvertent damage occurs to any Aboriginal site or artefact, the following procedure will be implemented:

1. Work will cease immediately in the area of impact.
2. The person causing/discovering the impact will notify their superior who will ensure that work has ceased, and area(s) is(are) cordoned off with tape.
3. The supervisor will notify the Environmental Superintendent. The Environmental Superintendent will:
  - (a) Notify DPE as soon as practicable, as required by the Project Approval and in accordance with section 9.1 of this ACHMP.
  - (b) Initiate an incident investigation to determine the cause and the extent of the impact.
  - (c) Request a qualified archaeologist and the RAPs to attend the site and advise on mitigation/management options for the impacted area.
4. Should it be required, and subject to the recommendations of the archaeologist and the RAPs, the appropriate permit to salvage the impacted Aboriginal items will be applied for with approval of the Planning Secretary (see Appendix E).
5. The Environmental Superintendent will implement any other procedures or recommendations issued by DPE and/or the RAPs.
6. If required following the incident, this ACHMP will be revised, in consultation with the Heritage NSW and RAPs, and submitted to DPE for review and approval.

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## Appendix I - Unidentified Aboriginal cultural heritage sites procedure

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## Unidentified Aboriginal cultural heritage sites procedure

Although Narrabri Mine was comprehensively surveyed, there remains potential for additional Aboriginal cultural heritage sites to be identified. Such previously unidentified features, should they occur, are likely to be additional isolated artefacts, low density concentrations of stone artefacts or, to a lesser degree, additional axe grinding grooves. In the event of the discovery of a potential Aboriginal site, the following procedure will be implemented:

1. All work in the immediate vicinity of the object or place must cease immediately.
2. If the area of discovery is in deposited material, then work will also cease in the area where the material originated from.
3. The person discovering the artefact will notify their superior who will ensure that work has ceased and a 10m buffer area around the object or place must be cordoned off.
4. The supervisor will notify the Environmental Superintendent. The Environmental Superintendent will immediately contact Heritage NSW.
5. The Environmental Superintendent will then:
  - (d) request a qualified archaeologist to attend the site and advise on its archaeological significance;
  - (e) request the site monitor from the RAPs (if not already present) to attend and advise on its cultural significance in consultation with the qualified archaeologist; and
  - (f) if the find is determined to be a site, notify Heritage NSW with the advice from the archaeologist and the RAPs as soon as practicable for determination of further management procedures.
6. If the find is confirmed as a site, the archaeologist will complete a Sites Register Card and forward to Heritage NSW via the AHIMS database.
7. Subject to the recommendations of the archaeologist and the RAPs, the appropriate permit to transfer (under section 85A of the NP&W Act) will be applied for prior to further work being undertaken in the vicinity of the site. Any such action to disturb or transfer Aboriginal items will also require the development of excavation and/or salvage plans, which require the approval of the Director-General, in consultation with Heritage NSW.
8. The Environmental Superintendent will then implement any other procedures or recommendations issued by Heritage NSW.

Work in the immediate vicinity may only recommence if:

- the potential Aboriginal site is confirmed by Heritage NSW, in consultation with the RAPs, not to be an Aboriginal object or Aboriginal place;
- the ACHMP is revised to include the Aboriginal site and appropriate measures in respect of it; or
- the Planning Secretary is satisfied with the measures to be implemented in respect of the Aboriginal site and makes a written direction in that regard.



	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## Appendix J - Consultation and communication protocol

	<b>NARRABRI MINE ENVIRONMENTAL MANAGEMENT SYSTEM</b>	Document owner:	Environmental Superintendent
		Document approver:	General Manager
		Revision period:	3 years
		Revision:	6
		Last revision date:	8 June 2023
<b>WHC_PLN_NAR_ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN</b>			

## Consultation and communication protocol

NCOPL is committed to involving the local Aboriginal community as an integral participant in the management of Aboriginal cultural heritage values at Narrabri Mine. In this regard, NCOPL proposes to maintain ongoing consultation with the Aboriginal community over the life of the mine, including appropriate Aboriginal representation during archaeological fieldwork (e.g., collection of artefacts prior to disturbance). A protocol has been developed that prescribe the involvement of the RAPs in cultural heritage works conducted under this ACHMP.

NCOPL will provide opportunities for Aboriginal community members to access known Aboriginal cultural heritage sites located on NCOPL-owned land (e.g., for cultural reasons or as part of scheduled field activities) in accordance with relevant Work Health and Safety requirements.

The following protocol will be followed with respect to ongoing consultation and communication:

1. Prior to any activity proposed to disturb any areas not previously disturbed or inspected by RAPs, the Environmental Superintendent will notify the respective Managers of the RAPs and advise the extent, location, and expected duration of the proposed disturbance activity and request a representative of the RAPs to act as the Cultural Heritage Monitor.
2. At the request of the RAPs, the Environmental Superintendent, or authorised delegate, will avail himself/herself to attend community meetings of the RAPs or to arrange site visits for interested RAPs.
3. In the event that any possible archaeological sites are identified in the absence of the Cultural Heritage Monitors, the Environmental Superintendent will notify the Manager of the RAPs following the initiation of the procedures identified in this ACHMP.
4. In the event that any changes are proposed to the ACHMP, or modifications are proposed to approved activities that may have impacts on items of cultural heritage significance, the Environmental Superintendent will notify the RAPs for consideration and comment.
5. NCOPL will facilitate biannual consultation meetings with representatives of the RAPs.
6. NCOPL will ensure that RAPs are involved in biodiversity management and rehabilitation activities.

In the event there is an agreement that the approach to consultation needs to change, the changed procedures will be documented, and a copy forwarded to the Planning Secretary as a revised version of this ACHMP for review and approval.