



Aboriginal Cultural Heritage Management Plan

Executive Summary

This Aboriginal Cultural Heritage Management Plan (ACHMP) has been developed to address Aboriginal cultural heritage related requirements of **SSD 7142** as relevant to open cut mining operations associated with the United Wambo Open Cut Coal Mine Project (United Wambo).

The key management and mitigation measures contained within the ACHMP are included in **Table 1**.

Table 1: ACHMP Management and Mitigation Measures

No.	Mitigation/Management Measure	Section	Timing
1.	United Wambo will continue to consult with RAPs regarding impacts associated with mining, progression rates of the mining, rehabilitation undertaken and conservation of Aboriginal archaeological sites.	5.3	Ongoing
2.	Consultation with the key Knowledge Holder groups such as the Wonnarua Nation Aboriginal Corporation (WNAC) and the Plains Clans of the Wonnarua People (PCWP), as well as the Registered Aboriginal Parties (RAPs), will occur through the following mechanisms: a) in some instances United Wambo may seek input from a Knowledge Holder Group for input on cultural matters prior to broader consultation; b) annual RAP meetings; c) the Annual Review; d) further meetings to discuss additional survey or salvage methodology (where required); e) other general paths on information, including the bi-annual community newsletter and the company websites (www.unitedproject.com.au); and f) receiving advice during site inspections and/or meetings as are deemed necessary.	5.3	As required
3.	Local Aboriginal community access to Aboriginal sites will be made available by United Wambo subject to reasonable safety and security measures. These could include the location of mining operations and availability of United Wambo assistance. Any request to visit is to be made to the United Wambo Environment & Community Manager or the Environment & Community Coordinator.	5.3	Ongoing
4.	Aboriginal objects originating from United Wambo, both historically and from the salvage program set out in this Plan, will be stored at the Artefact Storage and Education Facility to be constructed at the Wollombi Brook Conservation Agreement Area (WBCAA).	5.3	Ongoing

No.	Mitigation/Management Measure	Section	Timing
5.	If a proposed impact is located within the extent of the approved AHIP 2222 boundary, the following protocols will apply: a) United Wambo will determine whether any known heritage sites may be subject to impacts (by checking the Wambo Aboriginal Heritage Site Database, and where the subject land is not owned or directly controlled by Wambo, by undertaking an updated search of the AHIMS Register); b) in locations where an archaeological survey has been undertaken and has identified no Aboriginal heritage evidence, the proposed works can progress with no additional action required; c) in locations where impacts are proposed and a known Aboriginal heritage site requiring salvage or archaeological excavation will be impacted, United Wambo will engage a suitably qualified archaeologist to undertake the required salvage in accordance with the Wambo Coal Pty Ltd Heritage Management Plan (WCPL HMP) and the AHIP 2222 prior to surface disturbance occurring; and d) in locations where impacts are proposed and a known Aboriginal heritage site approved for harm under AHIP 2222 and/or a newly identified Aboriginal heritage site cannot be avoided, these sites will be managed in a manner consistent with the management required by AHIP 2222 and Section 4.8.1 of the wambo HMP.	9.3.1	Ongoing
6.	Pre-clearance surveys are undertaken prior to any ground disturbance in any areas that the Ground Disturbance Permit (GDP) process either identifies have not been previously surveyed or have a high potential to contain Aboriginal objects.	9.5.1	As required
7.	There will be a program of salvage employing archaeological techniques conducted by a salvage team including Aboriginal stakeholders and persons with formal archaeological training.	8.5.2	Completed
8.	All salvage activities will be professionally recorded, artefacts catalogued and results reported in a way that allows future generations to understand where Aboriginal sites were salvaged, what they included and how they contribute to the story of past Aboriginal life.	8.5.2	Completed
9.	United Wambo will support a one-off project to study the archaeological values in non-impact areas. Such a study would focus on the Aboriginal Heritage Information	9.5.3	Completed

No.	Mitigation/Management Measure	Section	Timing
	Management System (AHIMS) registered sites in the ACHMP Area and involve survey in order to ground-truth the location and condition of all previously recorded sites. The aim of this survey will be to recommend procedures to ensure that these sites are preserved in the landscape. In most cases, this preservation will involve fencing and signage (if not already in place, see Section 9.5.4), although if erosion threatens a site, broader erosion controls/sandbagging of banks etc. may be needed to ensure the site's preservation		
10.	Individual fencing at sites will be considered on a case-by-case basis with the desired outcome being the long-term preservation of the site. Fencing at these sites, if required, shall constitute at a minimum star pickets placed outside the limits of observable Aboriginal objects and connected by a strand of high visibility cord. Where there is doubt over the extent of surface artefacts, a competent person will be involved in an inspection to identify the extent of visible Aboriginal objects (usually stone artefacts) on the surface. Where grazing by stock poses a risk to a site, more substantial, stock-proof fencing will be utilised. The alignment of the fencing at any individually fenced site shall be recorded by GPS and records stored in association with this Plan.	9.5.4	As required
11.	An artefact storage facility will be maintained within the WBCAA at the Bulga Coal Complex. All materials are to be held in a locked facility with access managed by the Bulga Coal Environment & Community Manager or delegate.	9.6.1	Ongoing
12.	The temporary storage location for artefacts salvaged under the instrument of AHIP 2222 is a locked and signed storage container located adjacent to the Wambo Coal administration building (via Jerrys Plains Road, Wambo, NSW 2330), in accordance with Care and Control Permit #3130. Access to the temporary storage location is controlled by the Wambo Environment & Community Manager.	9.6.1.1	Ongoing
13.	The artefact storage facility will store all Aboriginal stone artefacts collected and excavated as part of United Wambo salvage programs. All United Wambo artefacts will be clearly differentiated so that artefacts from the various projects stored at the WBCAA remain identifiably separate.	9.6.2	Ongoing
14.	Copies of all associated reports and associated records in bound hard copy and digital form will be stored at the same location as the artefacts. A further copy of these	9.6.2	Ongoing

No.	Mitigation/Management Measure	Section	Timing
	documents will be held at the administration building at United Wambo to ensure a backup is maintained.		
15.	Where objects are too large for inside storage, such as scarred trees, they will be kept in a suitable area protected from weather, as agreed following consultation with the RAPs.	9.6.2	Ongoing
16.	At mine closure, the materials are to be transferred to a facility nominated by the RAPs subject to approval by Heritage NSW in a Section 85 Care and Control Permit (NPW Act) . Where an agreed facility cannot be nominated, consideration will be given to lodging the material with either the Australian Museum (subject to its acceptance), a local Aboriginal cultural centre (if one is present) or a local heritage museum that can provide secure ongoing storage and curation. Where no facility can be identified, the material may be reburied within the ACHMP Area in a secure manner that allows later retrieval. The location must be chosen following consultation with all United Wambo RAPs and be notified to Heritage NSW in the designated manner.	9.6.3	Mine closure
17.	In the event known or suspected Aboriginal skeletal remains are encountered during the course of development, the following procedure will be followed: a) all work close to the find will cease immediately and an area of 10 m radius around the find will be cordoned off with temporary construction fencing; b) the find will be immediately reported to the work supervisor who will immediately advise the United Wambo Environment & Community Manager or other nominated senior staff member; c) United will promptly notify the police (as required for all human remains discoveries); d) United will contact Heritage NSW for advice on identification of the skeletal material as Aboriginal and management of the material. e) If the remains are Aboriginal ancestral remains, the RAPs will be contacted within two working days and consultative arrangements will be made to discuss ongoing care of the remains, including advice on recommended forensic anthropologists.	10.1	Upon discovery of suspected remains
18.	In the event of discovery of new Aboriginal sites which are more than 50 m from previously recorded boundaries of Aboriginal sites, all work close to the discovery (i.e. within 20 m) will cease and an area of 10 m radius around the	10.2	Upon discovery of new Aboriginal sites

No.	Mitigation/Management Measure	Section	Timing
	find will be cordoned off with temporary construction fencing. Upon discovery of a new Aboriginal site, Heritage NSW are to be immediately contacted on (02) 9873 8500 or heritagemailbox@environment.nsw.gov.au. DPIE are also to be contacted and provided with the proposed management actions as described in Section 10.2.1 and Section 10.2.2. As required by Condition B77(c), works in the immediate vicinity may only recommence if a written direction is received from DPIE stating that the Planning Secretary is satisfied with the measures to be implemented in respect of the Aboriginal object or Aboriginal place.		
	All new sites will be entered on to the New Aboriginal Site Recording Form (Appendix E) on the day of the discovery. This will ensure all newly discovered sites are adequately demarcated and entered on to the United Wambo GIS (Section 11.1.6) to avoid inadvertent impacts.	10.2	Upon discovery of new Aboriginal sites
	An archaeologist and members of the RAPs will be contacted to determine the significance of the Aboriginal object(s) present. New sites will be registered in the AHIMS database (see Section 14.3.1).	10.2	Upon discovery of new Aboriginal sites
19.	New discoveries within the AHIP 2222 Area will be managed under the terms and conditions of that instrument and Section 4.8 of the Wambo HMP .	10.2.1	Upon discovery of new Aboriginal sites
20.	Any new Aboriginal sites identified within approved disturbance areas will be temporarily fenced as quickly as possible. Signage on the fencing is to state that the area is subject to environmental protection and that no ground disturbance is allowed, and will include relevant contact details for United Wambo staff. The minor impact to the ground surface during installation of fence posts is permissible on condition that no soil is to be removed offsite. The following procedure will be implemented for any newly identified sites: - the site will be assessed by a qualified archaeologist and members of the RAPs; - the site will be temporarily fenced; - the site location will be registered with AHIMS and a site card submitted; - the site location will be entered on to the United Wambo GIS database; - upon receiving written direction from the Planning Secretary as described above, and depending on the	10.2.1	Upon discovery of new Aboriginal sites

No.	Mitigation/Management Measure	Section	Timing
	Aboriginal Cultural Heritage Values at the site, the site will be salvaged according to the methodology in this Plan (Section 18); f) a brief report of the salvage will be produced to record the findings (Section 14.2); g) on the completion of salvage at such sites, an AHIMS Aboriginal Site Impact Recording Form (ASIRF) will be completed (see Section 14.3.3). Copies of the forms will be archived. Digital copies will be submitted to the AHIMS Registrar soon after completion of salvage fieldwork. The form will be lodged within six months from the completion of fieldwork; and h) all artefacts salvaged will be stored in the artefact storage facility (Section 9.6).		
21.	Any new Aboriginal site identified outside the approved disturbance areas will be managed in accordance with the following procedure: a) the site will be assessed by a qualified archaeologist and members of the RAPs; b) the site will be considered for fencing (see Section 9.5.4); c) the site location will be registered with AHIMS and a site card submitted; d) the site location will be entered on to the United Wambo GIS database; e) if the site contains Aboriginal objects of interest such as a large number of artefacts or rare features such as a hearth that is located in an area of active and destructive erosion, the site may be subject to limited salvage excavation in accordance with the methodology set out in Section 12.2.1. The aim of any salvage undertaken in this instance would be to prevent the loss of information from ongoing erosion and will only be undertaken in extreme and obvious circumstances with the full consultation and participation of the RAPs; and f) upon the completion of salvage at such sites, an AHIMS ASIRF will be completed (see Section 14.3.3). Copies of the forms will be archived. Digital copies will be submitted to the AHIMS Registrar soon after completion of salvage fieldwork. The form will be lodged within six months from the completion of fieldwork.	10.2.2	Upon discovery of new Aboriginal sites

No.	Mitigation/Management Measure	Section	Timing
22.	All employees, contractors, sub-contractors and visitors to the ACHMP Area will be made aware of the obligation to avoid harm to Aboriginal heritage through an Aboriginal heritage component of a general site induction and the GDP Process. The Aboriginal heritage induction will include the following points expressed in plain language: a) Aboriginal sites occur extensively across the ACHMP area; b) Aboriginal sites are of great significance to the Aboriginal community, are important to the wider community and will be treated with respect; c) Aboriginal sites are protected by law. The development consent for the mine includes conditions allowing impact to certain specified Aboriginal sites described in the EIS and this Plan; d) Aboriginal sites include stone tool sites and a stone arrangement site; e) Aboriginal sites can be hard to recognise, so refer to the United GIS to determine site location; and f) Many Aboriginal artefacts are hidden within the topsoil and are not readily visible. The apparent absence of a site does not mean it is no longer in existence. United Wambo will include material to raise awareness of Aboriginal cultural values of the ACHMP Area and local area more generally in site inductions for staff and contractors. The induction material will positively message the Aboriginal cultural heritage values of the area.	11.1.3	All inductions
23.	The site database is dynamic and changes are made as new sites are recorded, new surveys completed or a site's status is changed in accordance with an AHIP or salvage with Development Consent. These changes will be communicated in revisions of the ACHMP and communicated in the Annual Review.	11.1.6	Annually
24.	A detailed methodology for undertaking salvage at Category 1 sites.	8.5.2	Completed
25.	A detailed methodology for undertaking salvage at Category 2 sites.	8.5.2	Completed
26.	A detailed methodology for undertaking salvage at Category 3 sites.	8.5.2	Completed

No.	Mitigation/Management Measure	Section	Timing
27.	As a result of RAP consultation during the Project assessment, a number of measures have been proposed by United Wambo to enhance the intergenerational equity outcomes for the local Aboriginal community. The support for these programs would be available for applications from the Wonnarua community for a period of two years for the commencement of the Project. A further budget of \$350,000 has been allocated to these programs. Applications can also be made across these areas jointly to allow for research and further outcomes to flow from it.	13	Two years from commencement of operations
28.	Copies of all project records will be kept with the salvaged Aboriginal objects at the artefact storage facility (see Section 9.6). Project records include: a) this Plan; b) field recording forms (if available); c) maps showing site locations; d) excavation plans (if available); e) Aboriginal site salvage database files in digital and hard copy form; and f) Reports. A backup copy of all written materials should be kept at the United Wambo Administration Offices for safe-keeping.	14.1	All records
29.	A technical report will be prepared documenting the results of the Aboriginal site salvage in accordance with the Code of Practice for the <i>Archaeological Investigation of Aboriginal Objects in NSW (DECCW 2010)</i>. The final salvage report will be completed within six months of the completion of the salvage program.	8.5.2	Completed
30.	Should any Aboriginal cultural heritage site or area be impacted by works not authorised as described in this plan, United will report the non-compliance or potential non-compliance to DPIE as soon as practicable after identifying the incident. This report will include a description of the incident, its circumstances and the corrective measures undertaken.	14.3.4	As soon as practicable after identifying an incident
31.	This Plan will be reviewed in accordance with the <i>United Wambo Environmental Management Strategy</i>, i.e. within three months of:	15.1	As required

No.	Mitigation/Management Measure	Section	Timing
	a) the submission of an Incident Report related to cultural heritage management; b) the submission of the Annual Review; c) the submission of an Independent Audit Report and d) any modification to the relevant conditions of the consent for the United Open Cut Mine.		
32.	Where changes are made to the Plan, a draft of the modified Plan will be subject to Aboriginal consultation in accordance with the Plan. Matters raised in consultation, which are specific to the changes in the Plan, may be acknowledged and addressed in the modified Plan.	15.1	Upon changes being made

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1. Project Description

The United Wambo Open Cut Coal Mine (United Wambo) is situated approximately 15 kilometres west of Singleton, near the village of Warkworth, New South Wales (**Figure 1-1**). United Wambo is a 50:50 joint venture between neighbouring mines operated by United Collieries Pty Limited (United) and Wambo Coal Pty Limited (Wambo).

United is owned 95 per cent by Abelshore Pty Limited, a wholly owned subsidiary of Glencore Coal Pty Limited (Glencore) and five per cent by the Construction, Forestry, Mining and Energy Union (CFMEU), which is managed by Glencore. Wambo is a subsidiary of Peabody Energy Australia Pty Limited.

United Wambo combines the existing open cut operations at Wambo with a new open cut coal mine at United. United Wambo has approval to extract up to 10 million tonnes per annum (mtpa) of Run of Mine (ROM) coal from the combined Wambo Open Cut (Wambo Pit) and United Open Cut (United Pit). All coal is transported and processed through the Wambo Coal Handling and Processing Plant (CHPP) and transported by rail from Wambo to the Port of Newcastle for export.

Open cut mining is managed by United on behalf of the joint ventures, whilst Wambo manages the CHPP and train loading facilities, as well as Wambo's continued underground operations.

Figure 1-2 shows an overview of the project and the project approval boundary for United Wambo.



Figure 1-1: Locality Plan

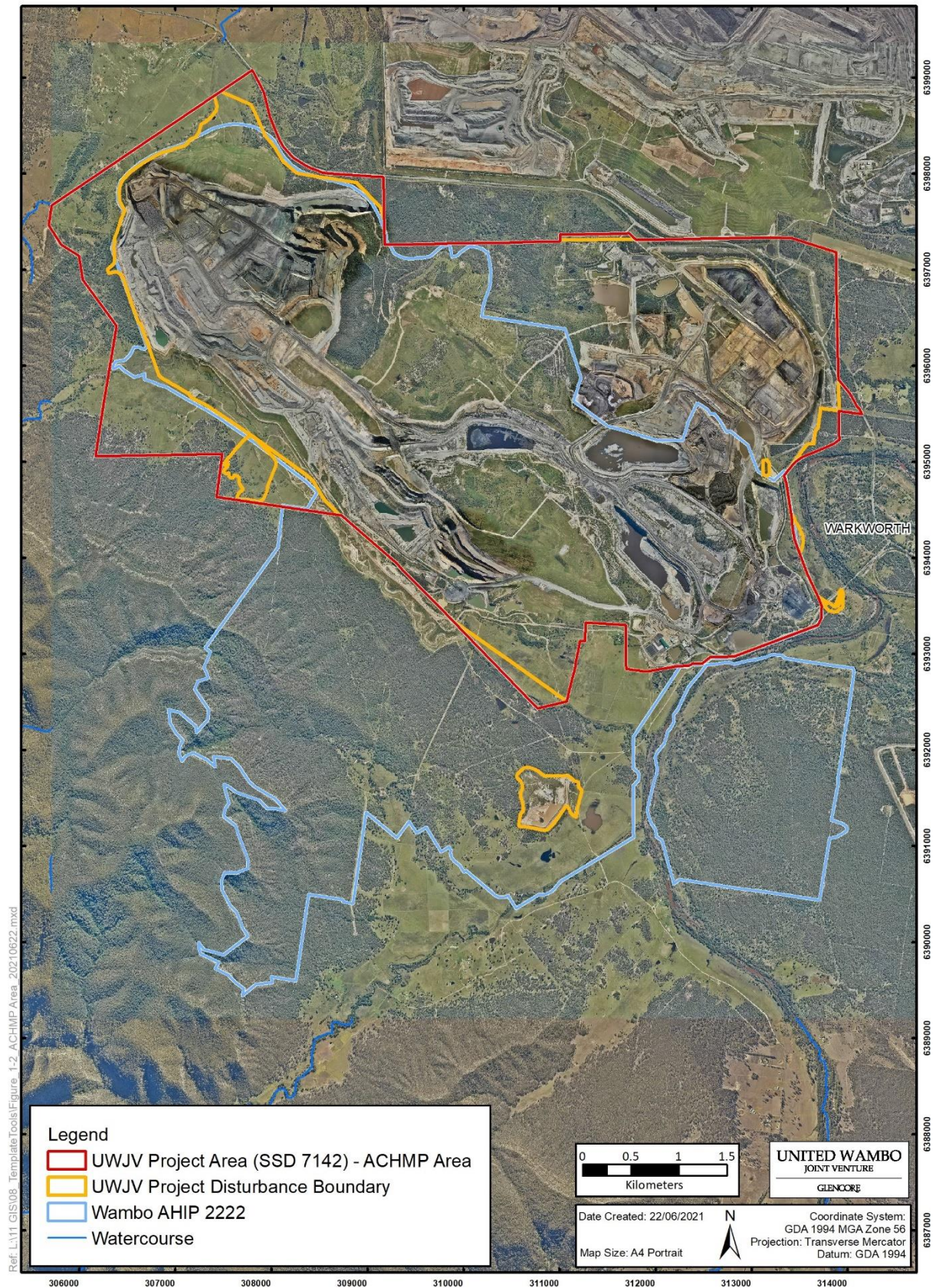


Figure 1-2: ACHMP Area, Approved Disturbance Area and AHIP 2222 Area

2. Purpose

The ACHMP (the Plan) describes the management and mitigation strategies, procedures, and controls that will be implemented to manage Aboriginal Cultural Heritage at United Wambo.

The ACHMP has been prepared in consultation with the RAPs and in accordance with all relevant legislation and development consent requirements.

2.1 ACHMP revision

This revision of the Plan has been undertaken to update the Plan to take into account the completion of the salvage program in 2020/2021 as per Conditions 7, 8, 24, 25, and 26 of SSD 7142. In addition, this plan reflects the completion of Condition 9 of SSD 7142.

3. Scope

This plan references activities within the ACHMP Area shown on *Error! Reference source not found.*. The ACHMP Area equates to the Project Area for the United Wambo Open Cut Coal Mine Project (the Project).

Relevant to this Plan are two further boundaries shown on *Error! Reference source not found.*:

- a) Project Disturbance Boundary: denotes the approved Disturbance Boundary for the Project; and
- b) AHIP 2222 Area: denotes the area in which the existing approved **Aboriginal Heritage Impact Permit (AHIP) 2222** is operative.

These boundaries will be explained below.

This Plan:

- details the management procedures for Aboriginal heritage within the ACHMP Area;
- details reporting requirements;
- presents a detailed process for ongoing Aboriginal consultation;
- outlines the obligations of project personnel to protect Aboriginal sites not subject to approved harm;
- describes the roles and responsibilities of United Wambo staff in managing Aboriginal heritage sites before and after salvage works; and
- provides for continuous improvement through auditing and plan modification.

This plan applies to all activities conducted under **SSD 7142** during Phase 1A, Phase 1B and Phase 2 of the Project. The manner in which this plan addresses the statutory requirements of **SSD 15_7142** and **DA 305-7-2003** are detailed in **Section 4.1**.

The objectives of this Plan are to set out controls and protocols to prevent unapproved impact to any identified and/or unidentified Aboriginal cultural heritage sites and values on land occupied by the Joint Venture.

As the Project overlaps with landforms that are covered in the **Wambo Coal Heritage Management Plan** (Document No. **WA-ENV-MNP-510; July 2017; Wambo ACHMP**), this Plan must interact with the **Wambo ACHMP**.

3.1 United Wambo Open Cut Coal Mine Project

The Preliminary Environmental Assessment for the Project (**SSD 15_7142**) was submitted to the Department of Planning, Industry and Environment (DPIE) on 30 June 2015. The Development Application and Environmental Impact Statement (EIS) (Umwelt 2016) for the Project was lodged with DPIE on 11 August 2016.

The Project was approved by the IPC on 29 August 2019.

Regarding Aboriginal cultural heritage, the Project EIS notes:

- A comprehensive Aboriginal Cultural Heritage Assessment process was completed for the Project in consultation with the 83 RAPs for the Project, including three Knowledge Holder groups who existed at the time of the assessment;
- The Aboriginal Cultural Heritage Assessment found that the surrounding area is held to be of higher significance to many members of the Wonnarua community, however, the sites and/or places within the ACHMP Area were considered to be of lower significance. Some of the key values for the Project Area include ancestral and contemporary connection to country, connection to archaeological sites and the use of the site for resource procurement; and
- United Wambo will implement an impact mitigation strategy as part of the Project in consultation with the RAPs. This Plan sets out these mitigation strategies that have been developed in response to the key themes from the recommendations outlined in the **Aboriginal Cultural Heritage Assessment Report (ACHAR) (ACHM 2016)**. The themes and recommendation have been developed in consultation with the Aboriginal community.

4. Requirements of the ACHMP

4.1 Statutory Requirements

Both United **SSD 7142** and Wambo **DA 305-7-2003** development approvals stipulate requirements related to this Plan. Requirements associated with **DA 305-7-2003** are specifically addressed in the **Peabody Wambo ACHMP**. The requirements associated with **SSD 15_7142** are summarised in *Error! Reference source not found.*. Commitments made by United Wambo in the EIS, **Aboriginal Archaeological Values Assessment Report (OzArk 2016)** and the **ACHAR (ACHM 2016)** are provided in *Error! Reference source not found.*.

Table 4-1: Relevant SSD 7142 Consent Conditions

Condition	Condition Details	ACHMP Section
B79	The Applicant must prepare an Aboriginal Cultural Heritage Management Plan for the development. The plan must:	
B79 (a)	be prepared by suitably qualified and experienced persons;	Section 6
B79 (b)	be prepared in consultation with BCD (now Heritage NSW), RAPs and other local knowledge holder groups;	Section 6

Condition	Condition Details	ACHMP Section
B79 (c)	describe the measures to be implemented on the site or within any offset areas to:	
B79 (c) (i)	ensure all workers receive suitable Aboriginal cultural heritage inductions prior to carrying out any activities which may cause impacts to Aboriginal objects or Aboriginal places, and that suitable records are kept of these inductions;	Section 11
B79 (c) (ii)	protect, monitor and manage identified Aboriginal objects and Aboriginal places (including any proposed archaeological investigations and salvage measures);	The salvage program associated with the Project is complete (Section 8.5.2) The methodology of any future salvage is in Section 12
B79 (c) (iii)	protect Aboriginal objects and Aboriginal places located outside the approved disturbance area from impacts of the development;	Section 9.5
B79 (c) (iv)	manage any new Aboriginal objects and Aboriginal places discovered during the life of the development;	Section 10
B79 (c) (v)	maintain and manage reasonable access for relevant Aboriginal stakeholders to Aboriginal objects and Aboriginal places (outside of the approved disturbance area); and	Section 5.3
B79 (c) (vi)	facilitate ongoing consultation and involvement of Registered Aboriginal Parties in the conservation and management of Aboriginal cultural heritage on the site;	Section 5.3
B79 (d)	include 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; and	Section 9.6
B79 (e)	include a program to fund and undertake research projects in accordance with Strengthening Aboriginal Community Wellbeing Toolkit (OEH 2012) to promote caring for land, bringing people together and cultural awareness/education.	Section 13

Table 4-2: EIS Commitments

Action		Management Measure	Relevant Section of Plan
Onsite Cultural Heritage Management Measures			
Aboriginal Cultural Heritage Management Plan (ACHMP)	Update ACHMP	The existing United ACHMP will be reviewed for the Project within 12 mths of the approval of the Project to outline all Aboriginal heritage management measures for the Project, responsibilities of all parties and the timeframe for required heritage works. The ACHMP will include a staged approach to the required research and salvage works to ensure that areas required for earliest disturbance are completed as a priority.	This Plan satisfies this requirement. The salvage program has been completed and the Plan is updated to reflect this.
	ACHMP Dispute Resolution process	The revised ACHMP will include specific provisions regarding ongoing engagement with the RAPs and will include mechanisms for dispute resolution and communication protocols.	Section 7
Survey, collection and analysis	Survey, collection and analysis	Salvage (excavation, analysis and collection) as per the recommendations of the Aboriginal Archaeological Values Assessment Report for the salvage of the 128 sites to be harmed within the additional disturbance area.	The salvage program has been completed Section 8.5.2
	Discovery of previously unknown cultural heritage items	The Project agrees to follow all relevant NSW Government guidelines regarding the location of human skeletal remains. The Project will apply the precautionary principle to the development of management measures for the additional disturbance area. This approach will include the development of culturally appropriate management measures for the management of human remains, should this occur during the life of the Project. Protocols and approach will be developed in consultation with RAPs and updated in the revised ACHMP.	Section 10.1 and Section 10.2
	Recording of archaeological sites	The ACHMP will be revised to include the new sites identified in the Aboriginal Archaeological Values Assessment Report completed for the Project.	All known sites within the ACHMP Area are listed in the Plan. These sites are listed in Appendix C - Site Lists.
	Care and control	Care and control management measures will be developed and included in the ACHMP for	Section 9.6

Action		Management Measure	Relevant Section of Plan
Care and Control	measures regarding Aboriginal objects	Aboriginal objects recovered through the Archaeological research and salvage program implemented for the Project and for long term storage of artefacts recovered from previous research and salvage programs. The care and control management measures will have regard to cultural considerations.	
	Repatriation of artefacts from the Project	United Wambo acknowledges the desire for a regional Wonnarua Keeping Place, however, this currently does not exist. United Wambo proposes to store artefacts from the salvage program at the nearby WBCAA of the neighbouring Bulga Coal Operations. Should a regional Keeping Place be developed, subject to community support, United Wambo would support the relocation of artefacts. United Wambo will consider the repatriation of artefacts across rehabilitation areas as part of a closure planning process at the cessation of mining.	Section 9.6
	Sites not to be impacted	The Project will implement the Aboriginal archaeological management measures program for sites in the Project Area that will not be impacted by the Project as recommended in the Aboriginal Archaeological Values Assessment report for the Project. These measures will be further outlined in the updated ACHMP.	Section 9.5.3, Section 9.5.4 and Section 10.3 This program has been completed (Section 9.5.3).
Offsite Cultural Heritage Management Measures			
Inter-generational Equity	Caring for land	Knowledge Holders and RAPs have raised the desire to be involved in rehabilitation activities and conservation area management. The RAPs have also commented on the importance of understanding plant and animal resources in the region. United Wambo acknowledge the desire for stakeholders to be involved in the caring for and 'healing' of the land. United Wambo believes that education forms a significant role in achieving this outcome. United Wambo would be pleased to offer three 3-year scholarships of \$10,000 each for tertiary education in environmental science, ecology, cultural and other related fields for member(s) of Wonnarua community selected via an agreed application process.	Section 13

Action		Management Measure	Relevant Section of Plan
	Bringing people together	Knowledge Holders and RAPs raised a range of issues and potential mitigation strategies with regards to cultural loss. These included: • a desire for community (or groups) to come together outside of development application/disturbance processes; • a desire for a range of cultural experiences (such as Cultural Camps, Elders Camps, teaching to younger generations); • assistance to Wonnarua people who may live outside the region to visit Wonnarua Country; and • United Wambo proposes to support a program of activities to assist in bringing people together for cultural purposes.	Section 13
	Cultural awareness and education	The RAPs raised a range of potential mitigation strategies in relation to promoting cultural awareness in young people. These included: • school based awareness/education programs; • youth and elder camps; • development of teaching materials accessible to young people; and • United Wambo proposes to support a program of activities to assist in promoting cultural awareness and education for young people.	Section 13
	Wonnarua Research	Knowledge Holders group raised a desire for Wonnarua led research to be undertaken in the region, with a focus on cultural, archaeological, ecological and social values, with the ultimate goal of providing outcomes and information that Wonnarua people can use and pass to future generations. United Wambo propose to support a program of activities to assist Wonnarua led research with outcomes in Caring for Land and/or Cultural Awareness and Education and/or Bringing People Together for the purposes of building cultural knowledge.	Section 13

4.2 GCAA Requirements

A set of guiding principles has been developed which describe how Glencore's Coal Assets Australia (GCAA) will engage with Aboriginal people to pursue mutually beneficial outcomes. In line with these guiding principles, United Wambo:

- respects the interests, cultures and customs of Aboriginal people with a demonstrated traditional and cultural connection with the land associated with GCAA's mining operations and projects;
- will work closely with Aboriginal people with a legitimate connection or interest in its mining operations or projects, and other interested stakeholders, to mitigate impacts on Aboriginal cultural heritage;
- will communicate with Aboriginal people in a respectful and culturally appropriate manner through all stages of mining and will establish forums for information exchange on mining operations and projects, where relevant;
- will engage with Aboriginal people to build constructive and sustainable relationships based on openness, trust, honesty, fairness and a mutual understanding of each other's roles and responsibilities and needs;
- understands that its employees and contractors must be conscious and respectful of the uniqueness and diversity of Aboriginal culture and of the importance of the landscape and its values to Aboriginal people. In recognition of this, all relevant employees and contractors will be provided with cultural awareness training;
- will identify opportunities to support Aboriginal communities in the areas of employment, business, education and training and economic development through its established Corporate Social Involvement (CSI) Program;
- will comply with the requirements of all existing cultural heritage and native title legislation.

5. Consultation

The GCAA *Protocol for Aboriginal Cultural Heritage - NSW* outlines the GCAA's policy of engagement with Aboriginal people in all aspects of cultural heritage assessment, reporting and conservation. **Section 4.2** of this document outlines GCAA's protocol regarding community consultation and will be adhered to.

The GCAA *Community and Stakeholder Engagement Standard* outlines GCAA's protocol for community engagement. This protocol has been considered in development of the consultation mechanisms described in this Plan.

5.1 Consultation with Internal (United) Stakeholders

This ACHMP has been reviewed by United Wambo and GCAA Personnel. Details of training and communication arrangements are outlined in **Section 11**.

5.2 Consultation with External Stakeholders

This Plan was originally prepared in consultation with the RAPs for the Project and the Biodiversity & Conservation Division (BCD, now Heritage NSW) within the Department of Planning, Industry and Environment (DPIE).

A draft of the original Plan was supplied to all RAPs on 10 August 2018 with a request that any comments be received by United Wambo by 14 September 2018. **Appendix A - Stakeholder Correspondence** includes correspondence received during consultation for the original version of this Plan.

The revised Plan was submitted to DPIE on 24 June 2021. Following approval by DPIE, the Plan will be sent out to the RAPs listed in **Appendix A - Stakeholder Correspondence**. A copy of the DPIE approval of the Plan is included in **Appendix B - DPIE Approval of this Plan**.

5.3 Consultation Protocols

5.3.1 Ongoing Consultation

United Wambo will continue the extensive consultation with RAPs concerning Aboriginal cultural heritage within the ACHMP Area. United Wambo will continue to consult with RAPs regarding impacts associated with mining, progression rates of the mining, rehabilitation undertaken and conservation of Aboriginal archaeological sites. Consultation with the key Knowledge Holders, such as the WNAC and the PCWP, as well as the RAPs, will occur through the following mechanisms:

- in some instances, United Wambo may seek input from a Knowledge Holder group for input on cultural matters prior to broader consultation;
- annual RAP Meetings;
- the Annual Review;
- further meetings to discuss additional survey or salvage methodology (where required);
- other general paths on information including the bi-annual community newsletter and the company websites (<https://www.glencore.com.au/operations-and-projects/coal/current-operations/united-wambo-open-cut>); and
- receiving advice during site inspections and/or meetings as are deemed necessary.

Consultation regarding this Plan has been undertaken with all RAPs.

5.3.2 Access to Aboriginal Sites

Local Aboriginal community access to Aboriginal sites will be made available by United Wambo subject to reasonable safety and security measures. These could include the location of mining operations and availability of United Wambo assistance. Any request to visit is to be made to the United Wambo Environment & Community Manager or the United Wambo Environment & Community Coordinator.

5.3.3 Access to Stored Aboriginal Objects

Aboriginal objects originating from United Wambo, both historically and from the recent salvage program, will be stored at the Artefact Storage and Education Facility to be constructed at the WBCAA. The WBCAA is located to the west of Charlton Road on land owned by the Bulga Coal Complex (see **Section 9.6**).

Access to the WBCAA facility will be set out in an updated WBCAA Plan of Management but the facility is designed to encourage the use of the facility and the ease of access to the facility by the public, including the Aboriginal community.

Prior to the construction of the WBCAA, Aboriginal objects originating from United Wambo will be stored onsite in a secure location. Access to the objects can be requested from the United Wambo Environment & Community Manager.

6. Preparation of the ACHMP

In recognition of the requirements of Condition B79 (a) of **SSD 7142**, the original draft of this Plan was prepared by Ben Churcher of OzArk Environment & Heritage (OzArk).

Ben Churcher prepared this revised Plan.

7. Dispute Resolution Process

The United Wambo Environment & Community Manager will maintain a centralised location to record communications details of relevant external stakeholders and procedures for stakeholder contact, including a Complaints Management Procedure.

Complaints will be recorded and investigated by the United Wambo Environment & Community Manager, or their delegate. Initial response to the complainant will be made as soon as practicable by the United Wambo Environment & Community Manager or their delegate.

Follow up correspondence with the complainant will be made explaining the outcome of complaint investigations.

If required, the investigation will involve:

- receipt of complaint, and details of the complaint will be recorded;
- investigation of the complaint, and recording of details into an actions tracking database;
- responding to the complaint as soon as practicable following receipt and investigation; and
- corrective action and implementation of training, where applicable.

If the complainant is not satisfied with the actions of United Wambo, or United Wambo is not satisfied with those proposed by the complainant, the matter will be referred to a DPIE appointed independent dispute facilitator.

8. Aboriginal Cultural Heritage Sites

8.1 Socio-Cultural Values

The ACHMP Area is located within the traditional homelands of the Wonnarua (sometimes spelt Wanaruah), whose history extends from the present day back many thousands of years. The ACHMP Area is also within the modern day Wanaruah Local Aboriginal Land Council boundary.

The physical evidence of Wonnarua life throughout this country is pervasive. Cycles of life, interaction, ceremony and death are all represented in a range of sites throughout the Hunter Valley and beyond.

A prevailing view throughout the Aboriginal consultation for the EIS was the importance of all physical evidence of Aboriginal life to current Aboriginal communities. Aboriginal sites provide a tangible connection to pre-European Aboriginal land use. Aboriginal sites are valuable in sustaining contemporary Aboriginal identity through opportunities for teaching and engagement with heritage in-field investigations.

RAPs consulted for the EIS identified concerns with current and future mining within the ACHMP Area and the broader region, and that this mining poses a significant threat to Aboriginal cultural heritage values. It is believed that mining continues to cause fragmentation to the cultural, spiritual and historic values of the cultural landscape, including degradation to important waterways.

8.2 Previous Archaeological Investigation

The ACHMP Area has been subject to numerous Aboriginal archaeological investigations resulting in recordings and excavations at many archaeological sites. Within the Project's approved Disturbance Area, these assessments include: Dyall 1980a; Dyall 1980b; Koettig and Hughes 1983; Brayshaw 1984; Hiscock 1984; Dallas 1988; HLA 2002; Umwelt 2002; Umwelt 2005; HLA 2007; ENSR 2008; Insite Heritage 2009a; Insite Heritage 2009b; Insite Heritage 2010a, Insite Heritage 2010b and OzArk 2016.

Cumulatively, these studies emphasise the dominance of artefact scatters and isolated finds over other site types, the dominance of mudstone and silcrete over other raw materials and interpretational difficulties associated with ground disturbance (primarily erosion and vegetation clearing). It is apparent from these studies that stone artefacts are numerous, largely, but not exclusively, concentrated along watercourses, and predominately situated in disturbed deposits or disturbed surface contexts where artefacts are detectable on the ground surface during survey. Such observations are broadly consistent with the regional archaeological context.

Three hundred and sixty-four sites (364) have been recorded within the ACHMP Area during the course of previous archaeological investigations at United Wambo, including the assessment for the Project (**OzArk 2016**). One hundred and eighty-three (183) of these sites are listed as or 'destroyed' under appropriate permits. These assessments began in the early 1980s and have continued to the present day.

Almost fifty per cent of the 364 sites are listed on the Aboriginal Heritage Information Management System (AHIMS) register as 'valid' or 'partially destroyed'. However, a large number of inaccuracies exist within these listings, either to do with site location or site status and, therefore, the data should be treated with caution. In particular, a number of sites are listed as 'valid' with AHIMS, although they plot to highly modified landforms, such as within the Wambo open cut pit. This underlines the caution with which the AHIMS records must be treated. Correct location and status information has been updated on AHIMS by OzArk for the area surveyed during the Project's assessment (see **OzArk 2016**), as well as for all sites in the Approved Disturbance Area, but this has not been done for the entirety of the ACHMP Area.

Two hundred and sixty (260) of these sites (71 per cent) have been recorded as artefact scatters (two with associated potential archaeological deposit [PAD]), although it is noted that a majority of these recorded 10 or less artefacts. Eighty three (83) sites (23 per cent) are listed as isolated finds with the remaining six per cent of sites being split between PADs (n=13), scarred trees (n=2), and grinding grooves (n=4, two with associated artefact scatters).

The sites are shown on Figure 8-1: All Recorded Sites within the ACHMP Area **Figure 8-1**.

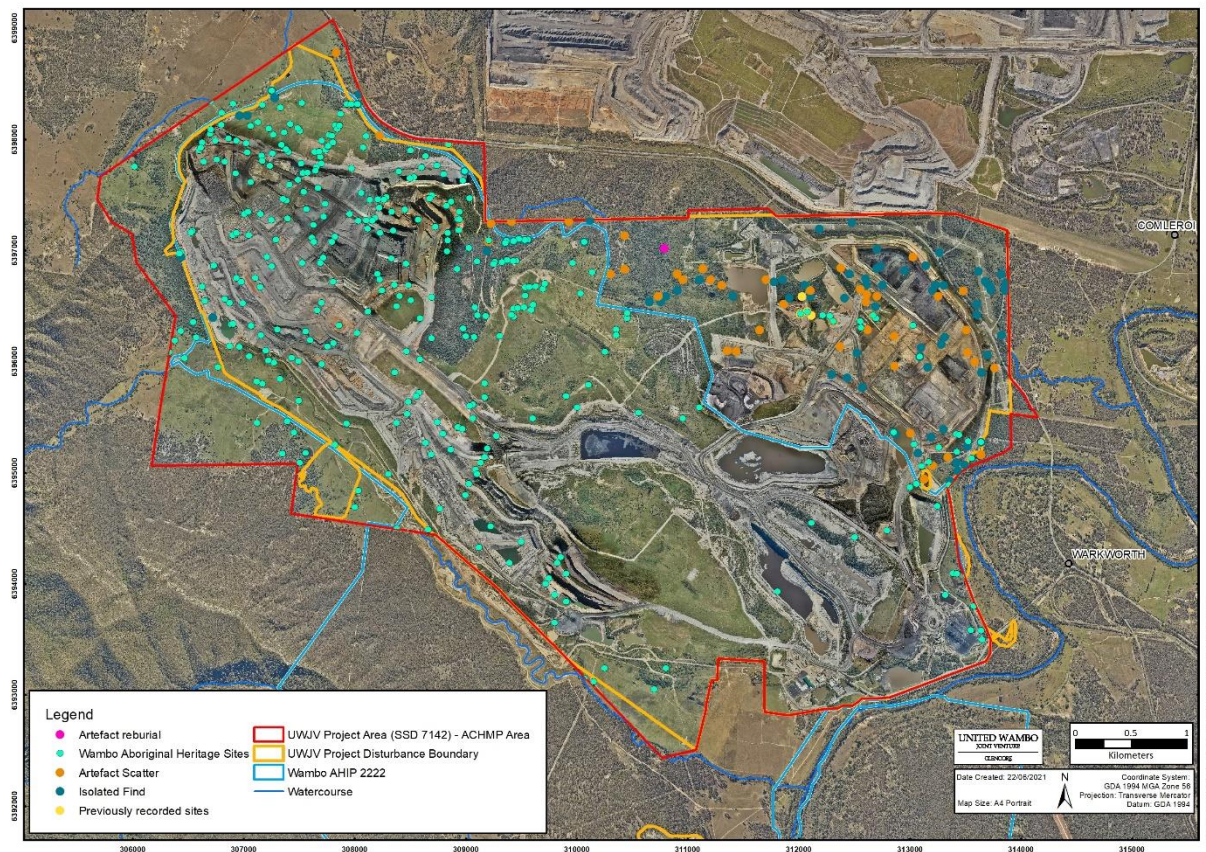


Figure 8-1: All Recorded Sites within the ACHMP Area

8.3 Sites Applicable to this Plan

Of the 364 sites in the ACHMP Area, 177 are listed as valid or partially destroyed on the AHIMS register (**Table 18-3**). Of the 177 valid or partially destroyed sites, there are three groupings of sites:

- Group A: Sites within the Disturbance Area but outside of the AHIP 2222 Area. There are six sites in this group (**Table 18-4**);
- Group B: Sites outside of the Project Disturbance Area and outside of the AHIP 2222 Area. There are 18 sites in this group (**Table 18-5**); and
- Group C: Sites within the AHIP 2222 Area. There are 153 sites in this group. These sites will be managed under AHIP 2222 as described in **Section 9.3.1 (Table 18-6)**.

Group A and B sites will be the focus of this Plan, while Group C sites will be managed under the **WCPL HMP (Section 9.3.1)**.

The sites applicable to each category are further detailed in **Section 9**.

These sites are shown on **Figure 8-2**.

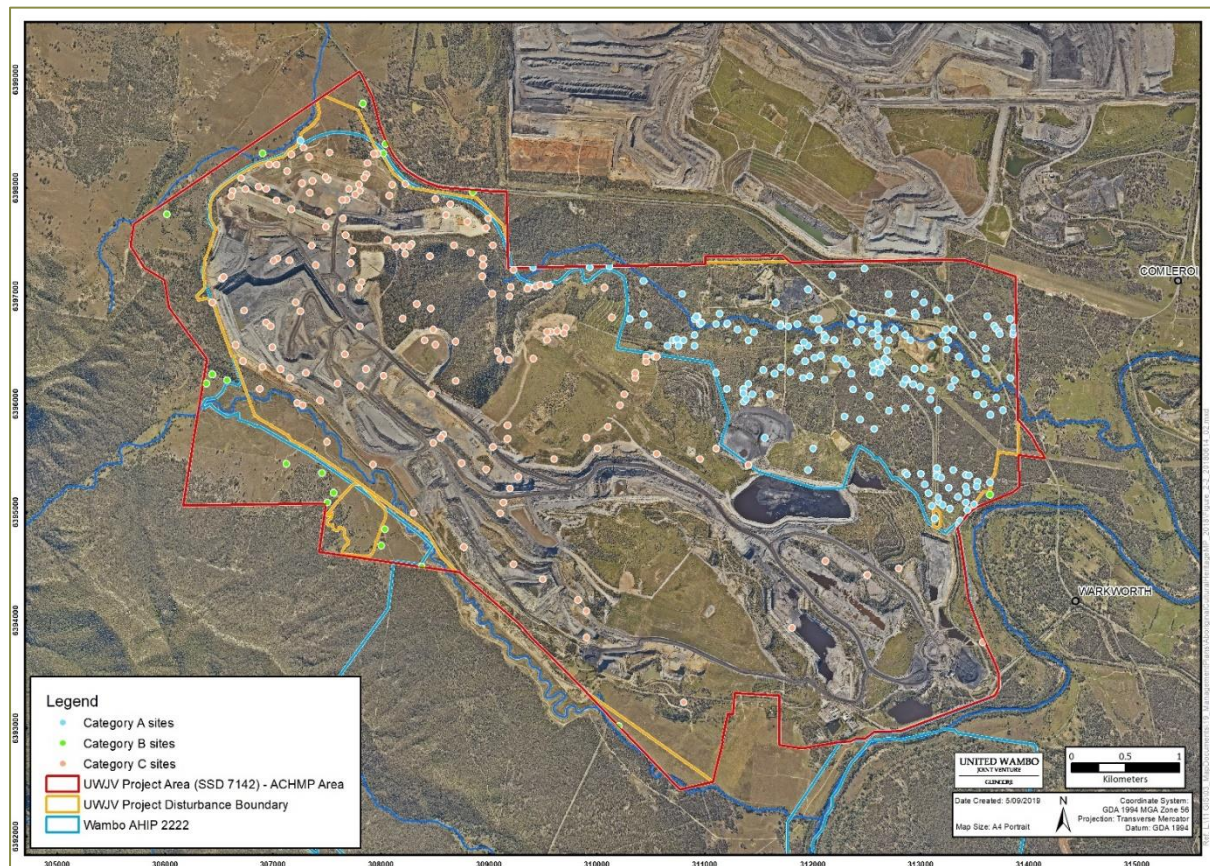


Figure 8-2: All Sites in the ACHMP Area Showing the Three Main Categories of Sites

8.4 Cultural Values of the ACHMP Area

We need to look at the landscape from a position of duty, responsibility, and focus on the achievement of inter-generational equity. We do not own the land, in terms of European concepts of ownership. Our ownership is in the context of the use of the land and its various animals and plants to sustain our bodies and we gave/give homage to them by creating ceremonial dances for them. The importance of this process should not be underestimated, for it is how our people worked with the environment, the landscape, our neighbours and how we all from different Aboriginal language groups, worked as one with Mother Nature. We were practising land management thousands of years before Europeans invaded our country.

PCWP Statement (EIS, Appendix 14: 72)

To gain an understanding of the importance or the cultural significance of the ACHMP Area to Aboriginal people, RAPs were invited to participate in a cultural values assessment process as part the EIS which commenced in 2014. The three Knowledge Holder groups at the time of the assessment, the PCWP, the WNAC and the Wonnarua Traditional Custodians (WTC), were invited to undertake their own Aboriginal cultural heritage values assessment reports for the Project which incorporate the historic, social, spiritual and aesthetic cultural values of their members and Elders. The RAPs not being consulted through the PCWP, WNAC and the WTC are referred to as the Community RAPs, and were consulted separately to develop management recommendations and measures relevant to their

cultural significance values statements and assessment concerns. The details of the extensive community consultation is provided in the ACHAR that accompanied the EIS for the Project.

Cultural values expressed through this process by the RAPs are detailed in the ACHAR and are summarised here.

- The submissions made during the RAP workshops and collated in the EIS clearly communicate a deep contemporary attachment to place, although in common with most of the more urbanised regions of Australia, the understanding of 'place' and the cultural lore and traditions associated with it exist in a somewhat fragmentary state;
- There are strong ongoing connections to places created and used by ancestors alongside demonstrably strong interests in the manner in which those places are managed or harmed as a result of this Project. The connection to these places was noted as often being relatively unspecific and generally did not relate to any surviving traditional knowledge or customary cultural practices, apart from one of the Knowledge Holder groups who expressed a strong connection to ongoing cultural knowledge and customary lore in this location;
- Many of the informants stated that the contemporary attachment to place appears based on the linkage to archaeological places, which were created by 'the ancestors' and, thereby, constitute a connecting thread to a cultural world from another time; and
- There are only very limited deeper cultural values associated with the ACHMP Area (directly and specifically) held by a limited number of participants in the assessment process. The landscape within the ACHMP Area is highly disturbed and fragmented, resulting in much of the archaeological record already having been disturbed. Much of the natural landscape no longer exists, as the history of agriculture and coal mining has altered the landscape. The assessment indicates that the remnant cultural landscape within the ACHMP Area has undergone considerable modification since European settlement and is, therefore, of lower cultural significance than the surrounding region. This is also consistent with the archaeological assessment, which has determined that the overwhelming majority of archaeological sites are of low scientific significance.

8.4.1 Scientific Values

Over 30 years of archaeological research has been completed within the ACHMP Area. The following general points can be made concerning the scientific (archaeological) values within United Wambo based on this research.

- Most sites within the ACHMP Area are artefact scatters or isolated artefacts, although the area does include modified trees, PADs and grinding groove sites. Many artefact scatters are currently in poor condition due to the effects of erosion: either gully erosion completely removing sites, or soil loss from sheet wash. Both can displace artefacts and remove archaeological deposits;
- The established site distribution within the ACHMP Area indicates that large sites and/or sites showing complexity are generally found along waterways, while, in the majority, only low density artefact scatters or isolated finds are located away from water. A significant area, in terms of site size and complexity, once surrounded Redbank Creek;
- Most artefacts were assessed to be in secondary contexts, primarily in major erosion scalds alongside Redbank Creek and its anabranches.;
- Artefact assemblage across the ACHMP Area shows that mudstone and silcrete were the most commonly used stone types for knapping. In much smaller quantities, quartz, quartzite, chert, volcanics, chalcedony and petrified wood were also recorded as raw materials used in artefact manufacture. This is similar to other sites in the region; and

- Scientific significance of sites within the ACHMP Area have ranged from 'high' at sites displaying archaeological integrity and higher artefact densities, to 'low' at sites displaying disturbance or low artefact densities. This significance assessment is substantiated by significant subsurface archaeological excavations that have taken place across the ACHMP Area.

8.4.2 Aboriginal Historical Values

The historic narrative identifies that the ACHMP Area is associated with a range of historic persons, phases, activities and events, with written records, oral histories and archaeology, all contributing to a holistic and multi-faceted understanding of the Aboriginal histories of the area.

8.4.3 Aboriginal Aesthetic Values

RAPs have expressed a range of sensory perceptions in relation to the areas within the ACHMP Area. It was acknowledged that past land use and current mining has contributed to the loss of connectivity and pathways, disruptions to waterways, and disruption to the spiritual meanings and symbolism contained in the landscape. However, RAPs identified and retained heightened emotional cultural connection and concern for the ACHMP Area and its cultural and archaeological values, which was described by some RAPs as being located within a place where there are the spirits of their ancestors, the memories of ancestors and the footprints (archaeological sites) of their ancestors (family) ceremonial and societal ways of life.

8.5 Archaeological Assessment for the Project

8.5.1 Archaeological survey and test excavation

The archaeological assessment of the Project Area was undertaken by Ozark with the assistance of RAPs and the three Knowledge Holder groups at the time of the assessment (the PCWP, the WNAC and the WTC) from March 2015 and included a 19 day survey program. The assessment also included a test excavation and auger program that ran from 27 July to 11 August 2015. The 'Survey Area' was mostly confined to areas in the north and north-east of the ACHMP Area identified as the additional disturbance area in **SSD 7142** (see **OzArk 2016**).

The assessment of the Survey Area recorded 25 artefact scatters, 34 isolated finds and 20 extensions to previously recorded sites (all artefact scatters). Within the site extensions are a further nine previously recorded sites that have been subsumed into the larger site areas.

In addition, there are a further 49 sites within the Survey Area that are listed on AHIMS as valid or partially destroyed. Of these 49 sites, 36 (73 per cent) are listed as artefact scatters, 11 (22 per cent) as isolated finds and two as PADs.

Therefore, in total, the archaeological assessment considered 128 sites. All of these sites are stone artefact sites as no other site type was recorded during the survey or remains extant from previous recordings.

The results of the test excavation program were surprisingly sparse. One hundred and fifty three 0.5 x 0.5 metre excavation squares were excavated at six separate localities: a total of 38.25 square metres. From this area of excavation, 192 artefacts were recovered; an average of 1.25 artefacts per excavation square. This density of artefacts is extremely low. In addition, 63 auger probes were excavated at nine separate locations. The aim of the auger program was to:

- verify soil depth at areas where the survey assessed shallow soil depth;

- verify archaeological potential in areas where low ground surface visibility prevented a full assessment of archaeological potential; and
- examine landforms away from watercourses to establish archaeological potential across a range of landforms.

As a result of the survey and test excavation results, the majority of sites (n=122; 95 per cent of all 128 sites that formed part of the assessment) were assessed as having low scientific significance. In most cases, this is because the sites are low density artefact scatters or isolated finds located in landforms with thin A-Horizon soils where further subsurface archaeological deposits are unlikely. In some cases, the artefacts may be more numerous but erosion has affected a large percentage of the site and the visible artefacts are displaced and of limited archaeological value. The remaining six sites (United OS-18 [37-6-3611]; United OS-25 [37-6-3620]; Red Bank Creek 27 [37-5-0095]; Red Bank Creek 28 [37-5-0096]; Red Bank Creek 5 [37-5-0116] and UC2/1 [37-6-1033]) were assessed to have a low-moderate scientific significance. Due to the level of disturbance within the Survey Area, no sites in the Survey Area were assessed as having a high or moderate scientific significance.

The remainder of the Project Area not assessed in **OzArk 2016** has previously been surveyed as part of WCPL operations with impacts managed under the conditions in **AHIP 2222**.

8.5.2 Archaeological salvage

Salvage of Aboriginal cultural heritage sites within the approved disturbance area for the Project took place during 2020–2021 (**OzArk 2021**). The salvage was undertaken under the guidelines of the previous version of this Plan that was approved by DPIE on 29 August 2019.

The main salvage program commenced on 6 January 2020 and the first phase concluded on 28 February 2020. This phase comprised over seven weeks of investigation. The salvage program was then placed on hold due to the outbreak of the COVID-19 pandemic. The remainder of the salvage program took place between 17 to 18 November 2020 when the social distancing restrictions associated with the pandemic has been relaxed.

Following the completion of the main salvage program, it was discovered that 12 sites slated for salvage on the eastern side of the Golden Highway were not salvaged due to an AHIMS error with their coordinates. This meant that the wrong location had been inspected during the salvage program in 2020. Therefore, on 31 March 2021, OzArk successfully salvaged these sites at their correct location.

This work completed all the commitments regarding archaeological salvage contained in the previous version of this Plan.

A total of 136 sites were salvaged during in the salvage program, although one of these sites (37-5-0691) is a reburial location and 19 of these sites are re-recordings of previous sites and/or sites which have been subsumed into larger sites.

The salvage program consisted of both targeted subsurface excavation (Category 1 sites) and surface artefact collection (Category 2 sites). The Category 3 site involved the retrieval of reburied artefacts.

A total of 217 artefacts were recorded from the excavations at the six Category 1 sites and a total of 2,813 artefacts were recorded from the surface collection across the 115 sites salvaged under Category 2 (**Table 18-7**).

9. Management Strategy and Plan

9.1 Aboriginal Heritage Impacts

Aboriginal site investigations undertaken to date confirm that Aboriginal stone artefacts additional to those originally recorded may continue to be found in low numbers across the landscape as exposure conditions change. These findings confirm that Aboriginal stone artefacts are broadly distributed within the soil across the ACHMP Area and that vegetation cover and soil exposure conditions can change to reveal previously obscured artefacts. Such exposed artefacts are referred to as “sites”, which means the site where Aboriginal objects may be observed in the present. Similarly changing environmental conditions can obscure previously visible Aboriginal objects. The phenomenon of previously recorded “sites” not being discoverable at a later time is also common.

The management strategy addresses the recorded sites of Aboriginal objects as well as the inferred broad distributions of Aboriginal stone artefacts reflecting past Aboriginal activity in all parts of the landscape. Because Aboriginal objects occur within the topsoil in parts of the ACHMP Area, impacts to undiscovered Aboriginal objects may occur. The management strategy is provided as mitigation of all Aboriginal heritage impacts, including impacts to those Aboriginal objects that have been recorded and Aboriginal objects which may occur unrecorded within the topsoil.

As noted in *Section Error! Reference source not found.*, 153 sites are within the boundary of AHIP 2222 and will be managed by that instrument as set out in the **Wambo ACHMP (Table 18-6)**.

9.2 Impact and Non-Impact Areas within the ACHMP Area

Several defined areas occur within the ACHMP Area where specific management measures will be implemented for the protection of Aboriginal sites. The areas within the ACHMP Area include:

- a) impact areas: the approved Disturbance Area for the United Wambo; and
- b) non-impact areas: all areas outside of the approved Disturbance Area but within the ACHMP Area that will not be impacted by United Wambo.

These areas are described in this section below and are shown on *Error! Reference source not found.*. The common management measures for these areas, including ongoing Aboriginal community access, are described in **Section 5.3** and **Section 11**.

9.3 Impact Areas

Impact areas include all areas within the Disturbance Area shown on *Error! Reference source not found.*. Within the Disturbance Area are two areas:

- a) areas within the AHIP 2222 boundary (**Figure 9-1**); and
- b) areas outside the AHIP 2222 boundary (**Figure 9-2**).

9.3.1 Areas within the AHIP 2222 Boundary

AHIP 2222 was issued to WCPL on 20 June 2005 under the **National Parks and Wildlife Act 1974** (NPW Act). AHIP 2222 allows for the disturbance and/or salvage of all known and unknown Aboriginal objects within the ‘Application Area’, excluding Aboriginal skeletal remains, in accordance with the terms and conditions of AHIP 2222. The extent of the area addressed by AHIP 2222 is shown *Error! Reference source not found.*

AHIP 2222 has been varied on a number of separate occasions including:

- variation approved 7 May 2010 to extend the timeframe of AHIP 2222 by five years to 19 June 2015;
- variation approved 2 August 2013 to marginally extend the boundary of AHIP 2222 to allow for disturbance and potential impacts associated with the development of Longwalls 9 and 10 at the North Wambo Underground Mine for a very small area at the southern end of the panels that had not been included in the original AHIP 2222;
- variation approved 29 April 2015 to extend the timeframe of AHIP 2222 to 1 March 2025 (i.e. in line with the approved life of Wambo) and to marginally extend the boundary of AHIP 2222 to allow for disturbance and potential impacts associated with the development of Longwall 10A of the North Wambo Underground Mine for a very small area at the edge of the panel that had not been included in the original AHIP 2222; and
- variation approved 4 September 2017 to update the AHIP to reflect the recently prepared **WCPL HMP** (July 2017) and any subsequent updates as endorsed by Heritage NSW. The purpose of the complex-wide **WCPL HMP** is to provide a consolidated description of the management of Aboriginal heritage and historic heritage at WCPL, incorporating the requirements of all the existing AHIPs.

If a proposed impact related to the Project is located within the extent of the approved AHIP 2222 boundary, the following protocols will apply:

- United Wambo will determine whether any known heritage sites may be subject to impacts (by consulting the Wambo Aboriginal Heritage Site Database, and where the subject land is not owned or directly controlled by Wambo, by undertaking an updated search of the AHIMS register);
- in locations where an archaeological survey has been undertaken and has identified no Aboriginal heritage evidence, the proposed works can progress with no additional action required;
- in locations where approved Project impacts are proposed and a known Aboriginal heritage site requires salvage, the salvage will be undertaken in accordance with this ACHMP, however, the **WCPL HMP (Section 10.2.1.1)** and the conditions of AHIP 2222 will be consulted prior to surface disturbance occurring. Any salvage of such sites will be undertaken by United Wambo and will comply with the conditions of AHIP 2222; and
- in locations where impacts are proposed and a known Aboriginal heritage site approved for harm under AHIP 2222 and/or a newly identified Aboriginal heritage site cannot be avoided, these sites will be managed in a manner consistent with the management required by AHIP 2222 and Section 4.8.1 of the **WCPL HMP**.

Section 4.9 of the **WCPL HMP** will be consulted if human skeletal remains are noted within the AHIP 2222 Area.

Figure 9-1 shows the location of the 153 sites and all sites are listed in **Table 18-6**.

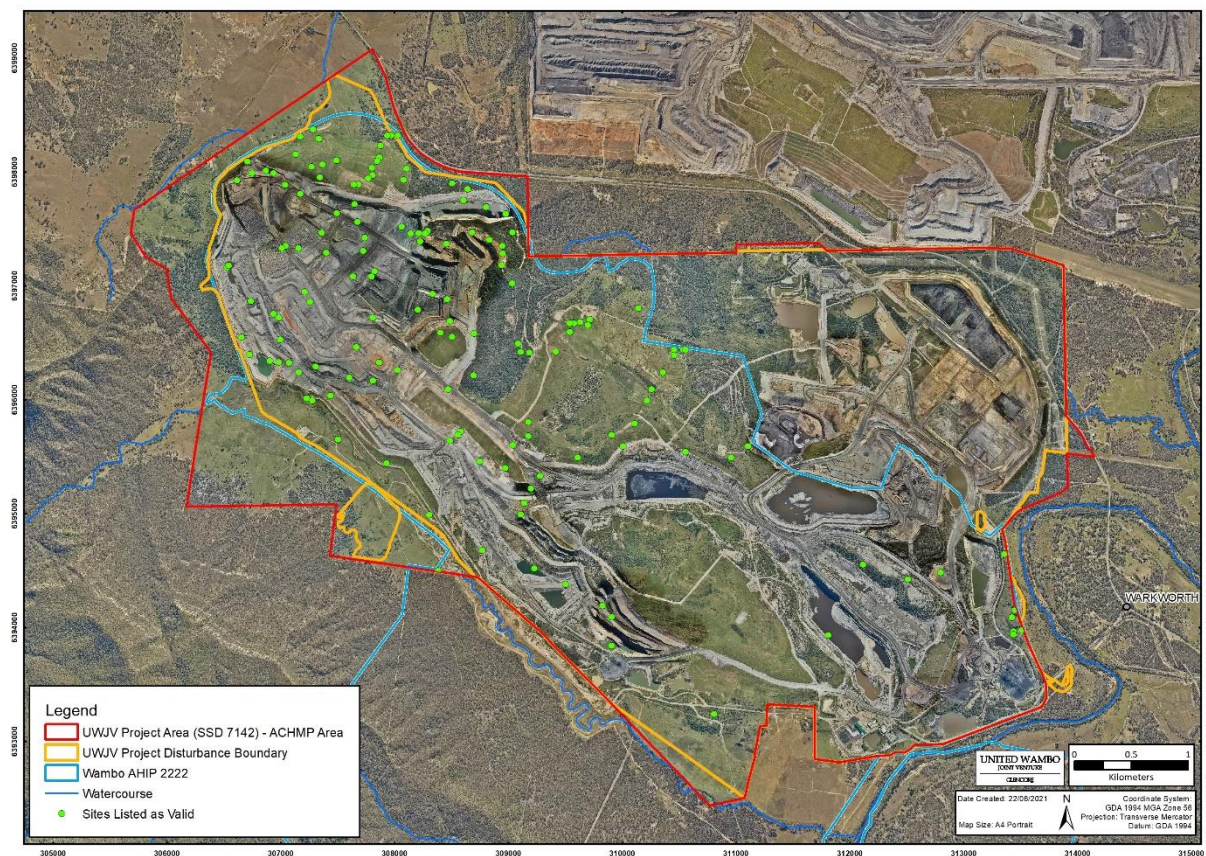


Figure 9-1: Aerial Showing All Sites Within Disturbance Area and AHIP 2222 Area

9.3.2 Areas Outside of the AHIP 2222 Area

There are 24 valid or partially destroyed sites in the ACHMP Area that are outside of the AHIP 2222 Area. Six sites remain within the Disturbance Area (**Table 18-4**) and the remaining 18 sites are outside of the Disturbance Area (**Table 18-5**).

The location of these sites is shown on **Figure 9-2**.

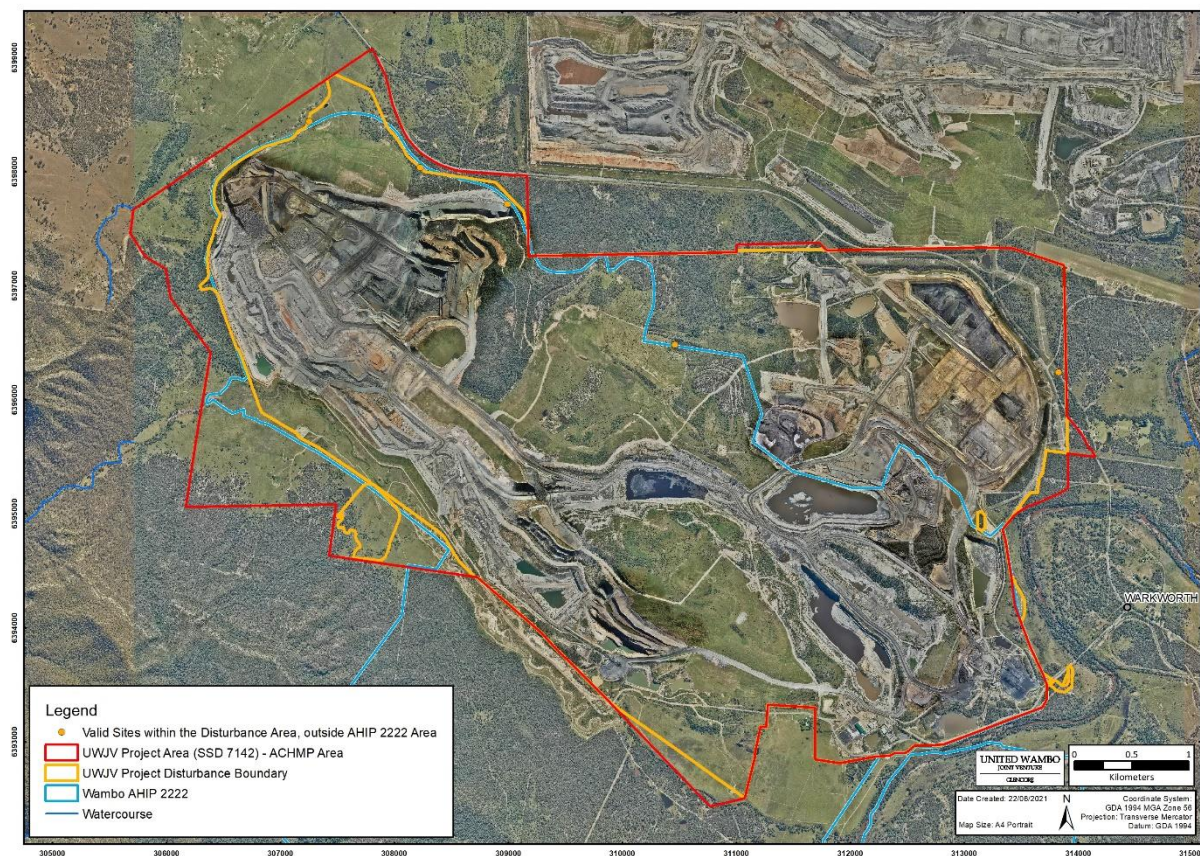


Figure 9-2: Aerial Showing Valid Sites Within Disturbance Area but Outside AHIP 2222 Area

9.4 Management of Sites Outside Impact Areas

There are 18 valid sites that are located within the ACHMP Area but outside of the Disturbance Area and outside of the AHIP 2222 Area (**Table 18-5**). These sites will not be impacted by the Project and will remain in the landscape.

The location of these sites are shown on **Figure 9-3**.

The following management strategies apply to these sites:

- previously recorded Aboriginal sites not impacted by development will be considered for protection by fencing and signage (see **Section 9.5.4**); and
- protected Aboriginal sites within the ACHMP Area were inspected in 2020 to determine if additional protective measures were required (**Section 9.5.3**).

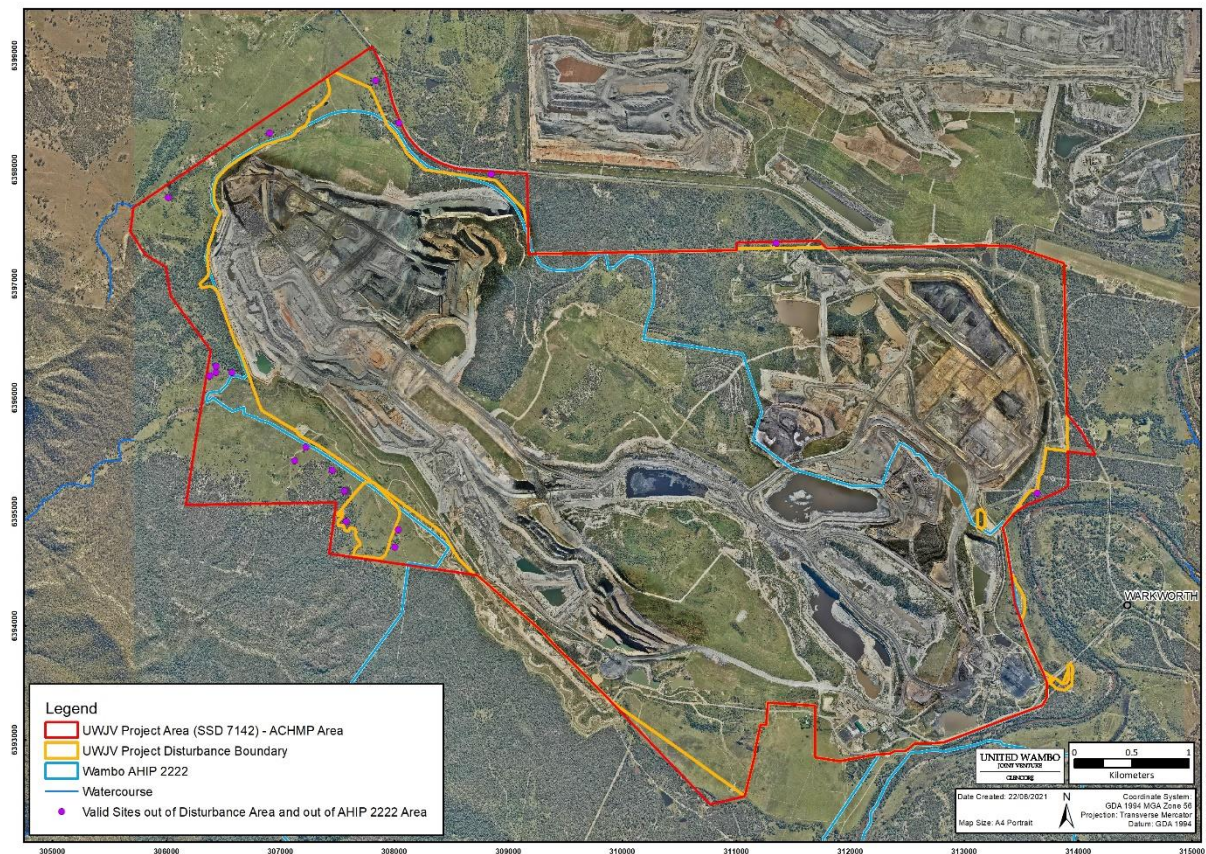


Figure 9-3: Valid Sites Out of Impact Area

9.5 Protection Measures for Cultural Heritage Sites

United Wambo will consult with the RAPs on non-archaeological matters raised in the Project ACHAR (*Table 4-2*).

In addition, United Wambo will regularly review this Plan in consultation with the RAPs in order to better understand where there may be changes or improvements to existing cultural heritage management mechanisms and protocols (*Section 15*).

9.5.1 General Controls

The following general Aboriginal Heritage Management measures have been implemented at United Wambo:

- a significant area of the ACHMP Area has been previously surveyed for Aboriginal Heritage Sites by archaeologists and Aboriginal Community Groups;
- a Geographical Information System (GIS) database of Aboriginal sites has already been established for the ACHMP Area and is managed by the United Wambo Environment & Community Department. This GIS database was reconciled against the AHIMS register in 2021 to ensure its accuracy;
- there is an Aboriginal Heritage section within the United Wambo Induction; and
- pre-clearance surveys are undertaken prior to any ground disturbance in any areas that the Ground Disturbance Permit (GDP) process either identifies has not been previously surveyed or has a high potential to contain Aboriginal objects.

The following controls have been established at United Wambo to protect and conserve Aboriginal cultural heritage values. These include:

- consultation with the Aboriginal community (undertaking field study and reviewing reports); and
- contractors working at United Wambo to be made aware of responsibilities under NPW Act and location of known sites.

Location of known sites to be added to United Wambo GIS database which is reviewed prior to any site disturbance through the GDP process.

9.5.1.1 Pre-Clearance Surveys and GDP Process

Any ground disturbance at United Wambo will trigger the GDP process.

The GDP process has triggers in place that require the Environment and Community Department to consider potential impacts prior to any ground disturbance. This involves using the United Wambo GIS database to determine whether the disturbance will occur in the vicinity of a recorded site, whether the area proposed for disturbance has been surveyed and whether the disturbance is within an approved disturbance area.

If the impact occurs in an area that has not previously been surveyed, the Environment & Community Manager, or their delegate, will undertake a due diligence assessment to determine whether a proposed activity will harm an Aboriginal object under the ***NSW Minerals Industry Due Diligence Code of Practice for the Protection of Aboriginal Objects (NSW Minerals Council 2010)***. This may include surveys by suitably qualified and experienced archaeologists and RAPs and is to occur prior to any impact on the area.

The outcomes of this process will then inform whether the work is approved and whether any controls are required to be implemented prior to or during proposed works to prevent impacts to Aboriginal heritage sites. If impacts are unavoidable and are within the approved disturbance area, the sites will be salvaged in accordance with ***Section 9.5.2*** and ***Section 12***.

9.5.2 Salvage Measures

Any Aboriginal sites within the Disturbance Area but outside of the AHIP 2222 Area, will be salvaged, if required, following the procedures in ***Section 12.1***.

All recorded Aboriginal sites within the AHIP 2222 Area, which will be impacted by development activities, will be salvaged under the terms of this ACHMP but with reference to the ***WCPL HMP*** (Sections 4.2 to 4.5) and the conditions of AHIP 2222.

9.5.3 Verification of Aboriginal Sites in Non-Impact Areas

United Wambo has undertaken a one-off project to study the archaeological values in non-impact areas (***OzArk 2021b***).

The aim of this survey was to recommend procedures to ensure that these sites are preserved in the landscape.

The inspection recommended that, on a two-yearly basis, all sites on land managed by United Wambo should be visited by a member of the United Wambo Environment and Community Department (or by a consultant archaeologist if preferred) to ensure the conservation of the Aboriginal sites. This visit should notice any threats to the sites and ensure that the site identification markers are in place and/or site numbers are legible.

9.5.4 Fencing of Sites Outside of Impact

A number of sites are located in non-impact areas within the ACHMP Area. These sites are listed in *Table 18-5*.

Individual fencing at these sites will be considered on a case-by-case basis by the United Wambo Environment & Community Manager with the desired outcome being the long-term preservation of the site. Sites were inspected in 2020 (**OzArk 2021b**) and no locations were recommended for fencing because there were either no surface artefacts visible, or, in most cases, sites were located away from obvious threats such as vehicle movements.

Should conditions change and fencing is considered necessary, fencing at these sites shall constitute, at a minimum, star pickets placed outside the limits of observable Aboriginal objects and connected by a strand of high visibility cord. Where there is doubt over the extent of surface artefacts, a competent person will be involved in an inspection to identify the extent of visible Aboriginal objects (usually stone artefacts) on the surface. Where grazing by stock poses a risk to a site, more substantial, stock-proof fencing will be utilised.

The alignment of the fencing at any individually fenced site shall be recorded by GPS and records stored in association with this Plan.

Fencing at any individually fenced sites shall be maintained for both site presentation as well as being a visible impact deterrent.

Fencing may be omitted or removed if it brings undesired attention to the site from vandals or otherwise increases risk of damage to the site. If fencing is omitted or removed, other management options to protect the site will be considered on a case-by-case basis.

9.6 Artefact Storage Facility

9.6.1 Location and Security

An artefact storage facility will be maintained within the WBCAA at the Bulga Coal Complex. All artefacts are to be held in a locked facility with access managed by the Bulga Coal Environment & Community Manager or other nominated senior staff member. The construction of the facility is currently underway and, while access to the general facility will be open to the public when complete, any artefacts stored at the facility will be secured and only available for access to Aboriginal parties and bona fide researchers.

Prior to the completion of the facility, Aboriginal objects originating from United Wambo will be stored onsite in a secure location. In the interim, access to the objects can be requested from the United Wambo Environment & Community Manager.

9.6.1.1 Artefacts Salvaged from the AHIP 2222 Area

The temporary storage location for artefacts salvaged under the instrument of AHIP 2222 is a locked and signed storage container located adjacent to the Wambo Coal administration building (via Jerrys Plains Road, Wambo, NSW 2330), in accordance with **Care and Control Permit #3130**. Access to the temporary storage location is controlled by the Wambo Environment & Community Manager.

9.6.2 All Aboriginal Objects and Records

The artefact storage facility will store all Aboriginal stone artefacts collected and excavated as part of United Wambo salvage programs. All United Wambo artefacts will be clearly differentiated so that artefacts from the various projects stored at the WBCAA remain identifiably separate.

Copies of all associated reports and associated records in bound hard copy and digital form will be stored at the same location as the artefacts. A further copy of these documents will be held at the administration building at United Wambo to ensure a backup is maintained.

Where objects are too large for inside storage, such as scarred trees, they will be kept in a suitable area protected from weather, as agreed, following consultation with the RAPs.

All materials are to be packaged and labelled generally in accordance with Australian Museum standards.¹

9.6.3 Duration of Care

The materials will be retained at the artefact storage facility for the life of the mine unless otherwise approved by Heritage NSW in a Section 85 Care and Control Permit (NPW Act).

At mine closure, the materials are to be transferred to a facility, nominated by the RAPs, subject to approval by Heritage NSW in a Section 85 Care and Control Permit (NPW Act). The location of this facility will be determined through consultation with the RAPs over the life of the Project, and may include repatriation of artefacts across rehabilitation areas.

Where an agreed facility cannot be nominated, consideration will be given to lodging the material with either the Australian Museum (subject to its acceptance), a local Aboriginal cultural centre (if one is present), or a local heritage museum that can provide secure ongoing storage and curation. Where no facility can be identified, the material may be reburied within the ACHMP Area in a secure manner that allows later retrieval. The location must be chosen following consultation with all United Wambo RAPs and be notified to Heritage NSW in the designated manner.

10. Detailed Procedure

10.1 Discovery of Aboriginal Ancestral Remains

In the event known or suspected Aboriginal skeletal remains are encountered during the course of development, the following procedure will be followed:

- all work close to the find will cease immediately and an area of 10 metre radius around the find will be cordoned off with temporary construction fencing;
- the find will be immediately reported to the work supervisor who will immediately advise the United Wambo Environment & Community Manager or other nominated senior staff member;
- the United Wambo Environment & Community Manager will immediately notify the police (as required for all human remains discoveries);

¹ <http://australianmuseum.net.au/document/Archaeological-Collection-Deposition-Policy>

- the United Wambo Environment & Community Manager will contact Heritage NSW for advice on the identification of the skeletal material as Aboriginal and the management of the material following investigation by police; and
- if the remains are Aboriginal ancestral remains, the RAPs will be contacted by the United Wambo Environment & Community Manager within two working days and consultative arrangements will be made to discuss ongoing care of the remains, including advice on recommended forensic anthropologists.

Schedule A of AHIP 2222 specifies that human remains are excluded from the areas to which the AHIP applies and must not be harmed. Discoveries of Aboriginal ancestral remains within the AHIP 2222 Area will be managed in accordance with Section 4.9 of the **WCPL HMP**.

10.2 Discovery of New Aboriginal Sites

In the event of discovery of new Aboriginal sites, which are more than 50 metres from previously recorded boundaries of Aboriginal sites, all work close to the discovery (i.e. within 20 metres) will cease and an area of 10 metre radius around the site fenced with temporary construction fencing.

Upon discovery of a new Aboriginal site, Heritage NSW are to be immediately contacted on (02) 9873 8500 or heritagemailbox@environment.nsw.gov.au by the United Wambo Environment & Community Manager or their delegate.

DPIE are also to be contacted and provided with the proposed management actions as described in **Section 10.2.1** and **Section 10.2.2**. As required by Condition B77(c), works in the immediate vicinity may only recommence if a written direction is received from DPIE stating that the Planning Secretary is satisfied with the measures to be implemented in respect of the Aboriginal object or Aboriginal place.

All new sites will be entered on to the *New Aboriginal Site Recording Form (Appendix E - New Aboriginal Site Recording Form)* on the day of the discovery by the United Wambo Environment & Community Manager or their delegate. This will ensure all newly discovered sites are adequately demarcated and entered on to the United Wambo GIS (**Section 11.1.6**) to avoid inadvertent impacts.

An archaeologist and members of the RAPs will be contacted to determine the significance of the Aboriginal object(s) present. New sites will be registered in the AHIMS database (see **Section 14.3.1**).

10.2.1 New Sites within Impact Areas

10.2.1.1 New Discoveries within the AHIP 2222 Area

New discoveries within the AHIP 2222 Area will be managed under the terms and conditions of that instrument and Section 4.8 of the **WCPL HMP**.

10.2.1.2 New Discoveries within the Disturbance Area but Outside the AHIP 2222 Area

Any new Aboriginal sites identified within the approved Disturbance Area will be temporarily fenced² as quickly as possible by the United Wambo Environment & Community Manager or their delegate. Signage on the fencing is to state that:

- the area is subject to environmental protection;
- no ground disturbance is allowed; and

² A temporary fence will consist of 3 – 4 star pickets with caution tape strung between the star pickets

- provide the relevant contact details for United Wambo staff.

The minor impact to the ground surface during installation of fence posts is permissible on condition that no soil is to be removed offsite. The following procedure will be implemented for any newly identified sites:

- the site will be assessed by a qualified archaeologist and members of the RAPs;
- the site will be temporarily fenced;
- the site location will be registered with AHIMS and a site card submitted (*Section 14.3.1*);
- the site location will be entered on to the United Wambo GIS database (*Section 11.1.6*);
- upon receiving written direction from the Planning Secretary as described above, and depending on the Aboriginal cultural heritage values at the site, the site will be salvaged according to the methodology in this Plan (*Section 12*);
- a brief report of the salvage will be produced to record the findings;
- on the completion of salvage at such sites, an AHIMS *Aboriginal Site Impact Recording Form (ASIRF)* will be completed (see *Section 14.3.3*) by the archaeologists. Copies of the forms will be archived. Digital copies will be submitted to the AHIMS Registrar soon after completion of salvage fieldwork. The form will be lodged within six months from the completion of fieldwork; and
- all artefacts salvaged will be stored in the artefact storage facility (*Section 9.6*).

10.2.2 New Sites Outside of Impact Areas

Any new Aboriginal site identified outside the approved disturbance areas will be managed by the United Wambo Environment & Community Manager or their delegate in accordance with the following procedure:

- the site will be assessed by a qualified archaeologist and members of the RAPs;
- the site will be considered for fencing (see *Section 9.5.4*);
- the site location will be registered with AHIMS and a site card submitted;
- the site location will be entered on to the United Wambo GIS database;
- if the site contains Aboriginal objects of interest such as a large number of artefacts or rare features such as a hearth that is located in an area of active and destructive erosion, the site may be subject to limited salvage excavation in accordance with the methodology set out in *Section 12.1*. The aim of any salvage undertaken in this instance would be to prevent the loss of information from ongoing erosion and will only be undertaken in extreme and obvious circumstances with the full consultation and participation of the RAPs; and
- on the completion of salvage at such sites, an AHIMS ASIRF will be completed (see *Section 14.3.3*). Copies of the forms will be archived. Digital copies will be submitted to the AHIMS Registrar soon after completion of salvage fieldwork. The form will be lodged within six months from the completion of fieldwork.

10.3 Managing Impact to Sites Outside of Impact Areas

Proposed impact to any site outside of the approved disturbance areas, other than the rescue salvage described in *Section 10.2.2*, will require an AHIP to be obtained from Heritage NSW.

10.4 Incident Controls

The following measures are to be put in place if there is an unintentional impact to Aboriginal heritage items occurring from the United Wambo operation. These include:

- the person who disturbed a site/artefact will contact the United Wambo Environment & Community Manager immediately;
- the United Wambo Environment & Community Manager will visit the site of the disturbance and record the disturbance with photographs;
- the United Wambo Environment & Community Manager will correspond with Heritage NSW regarding disturbance as soon as is possible; and
- direction from the Heritage NSW will be followed.

11. Operational and Training Protocols

United Wambo recognises that training and awareness is an important aspect of the **Environmental Management System**. All United Wambo personnel and contractors are required to complete an induction prior to commencing works on the site.

All relevant mining personnel associated with surface activities (e.g. Surveyors, Environmental Officers) have knowledge in the recognition of Aboriginal materials. The United Wambo Environment & Community Manager has an understanding of Aboriginal heritage legislation (NPW Act) and the legislative process.

In order to prevent any harm to Aboriginal objects (except where in accordance with relevant approvals), United Wambo has developed a series of system controls. The staff, employees and contractors are all educated on these system controls prior to completing any work onsite. Visitors to sites are also educated but are not authorised to complete any works.

11.1 Obligation to Protect Aboriginal Cultural Heritage

11.1.1 Obligation to Avoid Harm

All employees, contractors, sub-contractors and visitors to the ACHMP Area have an obligation to avoid harming Aboriginal heritage unless engaged in approved development activity in an area where Aboriginal salvage obligations have been met as described in this Plan.

The definition of harm used in this Plan stems from the definition in Section 5 of the NPW Act. The examples used below are for illustrative purposes and are not exhaustive.

Harm to an Aboriginal object or Aboriginal site means:

- moving or collecting stone artefacts (although picking up artefacts and inspecting them is acceptable as long as they are immediately returned to their original location);
- disturbing the earth where stone artefacts are located, e.g. by earthworks for drains, roads, etc;
- breaking stone artefacts, e.g. by running over them in a vehicle;
- causing damage to a grinding groove sandstone platform by creating or exacerbating cracks; and
- cutting down, disturbing or otherwise marking scarred trees.

Trivial or negligible impacts to Aboriginal objects (such as breaking an artefact while gardening) are not regarded as harm.

11.1.2 Obligation to Protect

Mine personnel, contractors and subcontractors having responsibility for land management or construction have an obligation to protect Aboriginal heritage within their area of work responsibility.

Protection means active recognition of known Aboriginal heritage and active measures to avoid Aboriginal heritage. This may include fencing, mitigation of erosion effects, and modification of work plans to avoid Aboriginal heritage such as changing vehicular access routes.

11.1.3 Obligation to Implement Management Measures for Aboriginal Heritage Impacts

Mining personnel, contractors and subcontractors have a responsibility to ensure that the appropriate Aboriginal heritage salvage has been conducted prior to, or in association with, their activities which impact Aboriginal objects.

11.1.3.1 Aboriginal Heritage Induction and Permitting Process

All employees, contractors, sub-contractors and visitors to the ACHMP Area will be made aware of the obligation to avoid harm to Aboriginal heritage through an Aboriginal heritage component of a general site induction and the GDP process.

The Aboriginal heritage induction will include the following points expressed in plain language:

- Aboriginal sites occur extensively across the ACHMP Area;
- Aboriginal sites are of great significance to the Aboriginal community, are important to the wider community and will be treated with respect;
- Aboriginal sites are protected by law. The development consent for the mine includes conditions allowing impact to certain specified Aboriginal sites described in the EIS and this Plan;
- Aboriginal sites in the ACHMP Area generally consist of stone tool sites;
- Aboriginal sites can be hard to recognise, so refer to the United Wambo GIS to determine site locations; and
- many Aboriginal artefacts are hidden within the topsoil and are not readily visible. The apparent absence of a site does not mean it is no longer in existence.

United Wambo will include material to raise awareness of Aboriginal cultural values of the ACHMP Area and local area more generally in site inductions for staff and contractors. The induction material will positively message the Aboriginal cultural heritage values of the area.

11.1.4 Due Diligence

Glencore has a GDP process which includes due diligence to determine whether a proposed activity will harm an Aboriginal object under the ***NSW Minerals Industry Due Diligence Code of Practice for the Protection of Aboriginal Objects***. The GDP process has triggers in place that require the United Wambo Environment & Community Department to consider potential impacts prior to any ground disturbance. This involves using the United Wambo GIS system (refer to ***Section 11.1.6***) to determine whether the disturbance will occur in the vicinity of recorded sites and whether the area proposed has been previously surveyed. The outcomes of this process will then inform whether work is

approved and outline any controls required to be implemented prior to, or during, approved works to prevent unauthorised impacts to Aboriginal heritage sites.

11.1.5 Interim Protection of Sites

In order to ensure that any newly identified sites outside of approved disturbance areas are provided with an appropriate level of interim protection, all newly identified Aboriginal heritage sites will be demarcated in the field. This will allow the relevant Environment & Community Manager (or a nominated delegate) to place temporary fencing and signage around the object/site and notify staff/contractors of their obligations to avoid harm to the object or site. This will act as an interim protection measure until permanent signage can be established and the object/site is added to the site GIS database and to AHIMS.

11.1.6 GIS and Mapping of Sites

A GIS management system has been developed to contain not only spatial identification of site locations but also any relevant information associated with each site. This database is used to query environmental constraints contained in the site work permit and other controls outlined in this plan. The database is dynamic and changes are made as new sites are recorded, new surveys completed or a site's status is changed in accordance with an AHIP or salvage with Development Consent. These changes will be communicated in revisions of the ACHMP and communicated in the Annual Review.

12. Salvage and Management of Aboriginal Sites

The salvage program of most sites located within the Disturbance Area but outside of the AHIP 2222 Area was undertaken in 2020 and 2021 (*Section 8.5.2*).

As a result, all known sites within areas that are planned for disturbance by the Project have been salvaged (*Table 18-7*).

The following sections relate to the six known sites remaining within the Disturbance Area (*Table 18-4*), or any previously unrecorded sites within the Disturbance Area that may be discovered (*Section 10.2.1.2*).

The methodology of any future salvage will be determined by the assessment of the site's significance by a qualified archaeologist and members of the RAPs (see *Section 10.2.1.2*):

- Category 1: for sites with a high scientific significance with associated subsurface deposits; and
- Category 2: for sites with a low-moderate scientific significance without associated subsurface deposits.

12.1 Management Categories

12.1.1 Management: Category 1 Sites

This category contains sites that have been assessed as holding high scientific significance with associated subsurface deposits.

The methodology will be to conduct focused archaeological salvage excavations to better understand the nature of the site.

Category 1 investigations will include the following methodology:

- a) all surface artefacts will be collected and moved to a place of safe-keeping under the methodology of Category 2 management (**Section 12.1.2**). This is to ensure that the artefacts are not harmed during the following excavation process;
- b) the results of the Category 2 artefact collection, and discussions between archaeologists and RAPs, will determine where further archaeological salvage is to take place within a given area;
- c) it will be possible to conduct up to five shovel pits (approximately 0.15m x 0.15m) at any location to help determine the placement of excavation squares;
- d) a minimum of ten 0.5 x 0.5 metre excavation squares (2.5 square metres) will be excavated to culturally sterile soil levels within one investigation area;
- e) the ten excavation squares could be grouped together or spaced at no more than five metres apart. Thus a 45 metre transect could be investigated, or a 2.5 square metre contiguous area excavated;
- f) spits at each area will start in five centimetre increments, although 10 centimetre increments could be used once it is established it is archaeologically prudent to do so;
- g) all deposits will be dry sieved at location;
- h) all recording will be done in the field in standard context sheets and the archaeologist will ensure that all necessary photographs, section drawings and soil analysis shall take place;
- i) a maximum area of 2.5 square metres shall be excavated at any one area unless deposits and finds warranted a further expansion (see below);
- j) the decision to expand from the mandated 2.5 square metres shall be determined by the results of the ten 0.5 x 0.5 metre squares and would be done in consultation between the archaeologists and RAPs present. The grounds for expansion would include:
 - i the complete excavation of a feature (such as a hearth) that may have been intersected by an excavation square; and
 - ii the complete excavation of a concentration of artefacts such as a knapping floor that may have been intersected by an excavation square
- k) the decision of how much expansion beyond the 2.5 square metres is undertaken will rest with the Excavation Director as any expansion must be justified on archaeological grounds;
- l) in what is assessed as an unlikely event, should excavations under Category 1 archaeological salvage encounter high value archaeological deposits, it will be possible to even further expand the archaeological salvage at that location. Deposits or features that would characterise high value deposits include:
 - i undisturbed deposits showing discernible archaeological stratigraphy;
 - ii any exceptional finds (unusual materials, rare preservation, rare artefact type) believed to have archaeological context; and
 - iii a high density of artefacts ⁴ (in excess of 60 per square metre) in undisturbed contexts
- m) should the excavations encounter a human burial, all work will cease in the area and advice from authorities and RAPs (should the remains be Aboriginal) sought (refer to **Section 10.1**); and

⁴ An artefact is defined here as being larger than 15 millimetres. Therefore, a concentration of small debitage or shatter would not constitute an "artefact concentration" unless the archaeologist and RAPs present felt that this had archaeological merit.

- n) all excavated material (stone tools, bone, shell etc.) will be fully analysed and a report of the findings prepared.

12.1.2 Management: Category 2 Sites

Stone artefact sites managed under Category 2 archaeological salvage will have surface artefacts mapped, catalogued, selectively photographed, collected and moved to safe-keeping (refer to **Section 9.6**).

Category 2 investigations will include the following methodology:

- a) Category 2 archaeological salvage equates to a recorded surface collection of artefacts;
- b) the following program will be followed:
 - i all visible artefacts at a site will be flagged in the field;
 - ii the site will be photographed after flagging and before recording;
 - iii all artefacts will have the following artefact information entered directly into a GPS unit, albeit one set up with all variable fields already entered to make the field recording job more efficient:
 - location
 - artefact type
 - size
 - reduction level
 - raw material
 - notes
- c) a selection of indicative and/or unusual artefacts from each site will be photographed;
- d) once all recording is complete, the artefacts will be collected with each site being kept separate;
- e) if, at the time of salvage, there is evidence that subsurface deposits exist at a particular site, then, with the agreement of the archaeologist and RAPs present, Category 1 archaeological salvage would take place at that site;
- f) should the salvage encounter a human burial, all work should cease in the area and advice from authorities and RAPs (should the remains be Aboriginal) sought (refer to **Section 10.1**); and
- g) the recording of the artefacts recovered will largely be completed in the field and this data will be incorporated into a report.

13. Offsite Cultural Heritage Management Measures

As a result of RAP consultation during the Project assessment, a number of measures have been proposed by United Wambo to enhance the intergenerational equity outcomes for the local Aboriginal community. The measures listed in **Table 13-1** below were included within the draft ACHAR that was provided to the RAPs for review, and were refined through the comments received and included in the Final ACHAR and EIS.

The support for these programs would be available for applications from the Wonnarua community for a period of two years for the commencement of the Project. As described in Section 6.10.7 in the EIS, United Wambo commits to the proposed management measures listed in **Table 13-1**. Applications can also be made across these areas jointly to allow for research and further outcomes to flow from it.

Table 13-1: Proposed Intergenerational Equity Management Measures

Action Item	Proposed Management Measure
Caring for land	Knowledge Holders and RAPs have raised the desire to be involved in rehabilitation activities and conservation area management. The RAPs have also commented on the importance of understanding plant and animal resources in the region. United Wambo acknowledge the desire for stakeholders to be involved in the caring for and 'healing' of the land. United Wambo believes that education forms a significant role in achieving this outcome. United Wambo would be pleased to offer three 3-year scholarships of \$10,000 each for tertiary education in Environmental Science, Ecology, cultural and other related fields for member(s) of Wonnarua community selected via an agreed application process. In addition, the WNAC requested that cultural burning be considered at United Wambo as part of the caring for land process (see Section Error! Reference source not found.).
Bringing people together	Knowledge Holders and RAPs raised a range of issues and potential mitigation strategies with regards to cultural loss. These included: • a desire for community (or groups) to come together outside of development application/disturbance processes; • a desire for a range of cultural experiences (such as Cultural Camps, Elders Camps, teaching to younger generations); and • assistance to Wonnarua people, who may live outside the region, to visit Wonnarua Country. United Wambo proposes to support a program of activities to assist in bringing people together for cultural purposes.
Cultural awareness and education	The RAPs raised a range of potential mitigation strategies in relation to promoting cultural awareness in young people. These included: • school based awareness/education programs; • youth and elder camps; and • development of teaching materials accessible to young people. United Wambo proposes to support a program of activities to assist in promoting cultural awareness and education for young people.
Wonnarua Research	Knowledge Holders group raised a desire for Wonnarua led research to be undertaken in the region, with a focus on cultural, archaeological, ecological and social values, with the ultimate goal of providing outcomes and information that Wonnarua people can use and pass to future generations. United Wambo propose to support a program of activities to assist Wonnarua led research with outcomes in Caring for Land and/or Cultural Awareness and

Action Item	Proposed Management Measure
	Education and/or Bringing People Together for the purposes of building cultural knowledge.

13.1 Application Procedure

13.1.1 Notification of RAPs

Within one month of commencement of Phase 1A activities, all key knowledge holders and RAPs were notified in writing of the funding available. The notification clearly defined the application process and selection criteria as defined in **Section 13.1.2** and **Section 13.1.3**.

Details of the available programs and the application process will also be provided with the consultation undertaken throughout the first two years of the Project.

13.1.2 Application Process

The application process for the proposed programs will be as follows:

- applicants will provide a proposal to United Wambo to undertake the program of work. The proposal is to include:
 - scope of work
 - list of deliverables
 - implementation schedule
 - detailed budget breakdown
 - progress payments

United Wambo may request further information from the applicant on its proposal if it is considered deficient in any key areas;

- the United Wambo Environment & Community Manager will review the proposal in accordance with the selection criteria listed in **Section 13.1.3**. The United Wambo Environment & Community Manager will approve the highest ranked applications based on the available budget and number of applications received;
- the applicant shall nominate and provide an appropriate person who will be responsible for the management and delivery of the proposed conservation measures. This person shall be the key point of contact for the duration of the Contract. The United Wambo Environment and Community Manager will be the United Wambo point of contact;
- the applicant will provide a monthly progress report for review by United Wambo. The applicant will invoice United Wambo for the agreed progress payment following acceptance of the progress report;
- a progress report format as agreed to by United Wambo and the applicant, must be used to provide monthly progress reports; and
- intellectual property, as well as ongoing operation and management of the outcomes of the conservation program, will remain with the applicant.

The applications will remain open for two years following commencement of Phase 1A or until the available budget has been committed.

13.1.3 Selection Criteria

The following selection criteria apply to the applications for cultural heritage conservation measures:

- must align with the Sense of Community, Education and Learning and Cultural Identity aspects of the Aboriginal Community Wellbeing toolkit from Heritage NSW (see **Appendix D -**);
- must be consistent with the findings of the Project ACHAR;
- must be costed with defined outcomes and within the agreed budget;
- must be aligned with cultural priorities of the community;
- must not compromise current approvals for operations;
- needs to have a mixture of short term benefits and long term intergenerational outcomes; and
- needs to be acceptable to the DPIE and Heritage NSW.

Each criteria will be scored as follows:

- 0 – criterion is not met
- 1 – neutral or criterion is not applicable
- 2 – meets criterion.

13.2 Cultural Burns

During consultation for the previous version of this Plan, the WNAC requested that United Wambo “provide avenues in which the Aboriginal community can connect and care for Country through Cultural Fire Management on lands owned by Glencore” (**Appendix A - Stakeholder Correspondence**).

If ecological burns are undertaken at United Wambo buffer land or offset areas, then the use of cultural burning will be considered in consultation with the RAPs.

14. Record Keeping and Reporting Requirements

14.1 Project Records

Copies of all project records will be kept with the salvaged Aboriginal objects at the artefact storage facility (see **Section 9.6**).

Project records include:

- this Plan;
- field recording forms (if available);
- maps showing site locations;
- excavation plans (if available);
- Aboriginal site salvage database files in digital and hard copy form; and
- reports.

A backup copy of all written materials should be kept at the United Wambo administration offices for safe-keeping.

14.2 Project Reports

A technical report will be prepared documenting the results of any future Aboriginal site salvage in accordance with the ***Code of Practice for the Archaeological Investigation of Aboriginal Objects in NSW (DECCW 2010)***.

The final salvage report will be completed within six months of the completion of any future salvage program.

14.3 Statutory Reporting Requirements

14.3.1 Discovery of Aboriginal Objects

Under s89A of the NPW Act, it is a requirement that Heritage NSW is notified of the existence of Aboriginal objects as soon as practicable after they are first identified. This is usually done through the completion of an AHIMS Aboriginal Site Card, which is submitted to the Registrar of the AHIMS for inclusion on the Aboriginal sites database. Information regarding AHIMS and site recording forms can be downloaded from the Heritage NSW website.

14.3.2 Care and Control Permit Application

Under s85A of the NPW Act, Aboriginal objects remain the property, and under the protection, of the Crown until formal transfer to an Aboriginal owner or Aboriginal owners occurs. An application for a Care and Control Agreement will be made to Heritage NSW. ***Care and Control Agreement Application Forms*** can be downloaded from the Heritage NSW website.

14.3.3 Reporting Impact to Aboriginal Sites

Although not strictly required by the NPW Act, Heritage NSW expects that information on authorised impacts to Aboriginal sites be reported to them on an ASIRF, which can be downloaded from the Heritage NSW website.

14.3.4 Reporting of ACHMP Non-Compliance Incident

Should any Aboriginal cultural heritage site or area be impacted by works not authorised as described in this plan, United Wambo will report the non-compliance, or potential non-compliance, to DPIE as soon as practicable after identifying the incident. This report will include a description of the incident, its circumstances and the corrective measures undertaken.

15. Review and Improvement

15.1 Plan Review

This Plan will be reviewed in accordance with the ***United Wambo Environmental Management Strategy*** that is within three months of:

- a) the submission of an incident report related to Cultural Heritage Management;

- b) the submission of the Annual Review;
- c) the submission of an Independent Audit Report; or
- d) any modification to the relevant conditions of the consent for United Wambo.

Furthermore, changes may be made to this Plan where new Aboriginal sites are discovered, which require specific management approaches proportionate to their cultural significance and which are not otherwise covered in this Plan.

Where changes are made to the Plan, a draft of the modified Plan will be subject to Aboriginal consultation in accordance with the Plan. Matters raised in consultation, which are specific to the changes in the Plan, may be acknowledged and addressed in the modified Plan.

15.2 Audit

The *Environmental Management Strategy* outlines the audit schedule for United Wambo. An independent environmental audit is undertaken against consents, licences and leases every three years. The scope of the audit includes a review of the adequacy of plans or programs and recommended measures or actions to review the environmental performance of the site.

Implementation of this ACHMP will be included in the scope of the Independent Environmental Audit.

A copy of the Independent Audit Report will be supplied to the DPIE Secretary and placed on the United Wambo website.

16. Definitions

The following terms have been used in this Plan and are detailed in **Table 16-1**.

Table 16-1: Archaeological Definitions

Term	Definition
ACHMP	Aboriginal Cultural Heritage Management Plan. Describes this document which is a requirement of State Significant Developments (SSDs). An ACHMP both manages impacts to Aboriginal cultural heritage within approved disturbance areas (AHIPs are not required), as well as management of Aboriginal cultural heritage sites and values outside of approved impact areas but within land able to be managed by United Wambo.
Aboriginal heritage	Those aspects of Aboriginal culture that are inherited from the past may be referred to as Aboriginal heritage. For the purpose of this Plan, the term is used to collectively refer to Aboriginal sites and archaeologically sensitive areas.
Aboriginal object	A physical manifestation of past Aboriginal activity. The legal term is defined in the NPW Act Section 5 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.” Typical

Term	Definition
	examples include stone artefacts, grinding grooves, Aboriginal rock shelters which, by definition, include physical evidence of occupation, midden shell, hearths, stone arrangements and other landscape features which derive from past Aboriginal activity.
Aboriginal scarred tree	A tree of sufficient age to have been mature at the time of traditional Aboriginal hunter-gatherer life and, therefore, generally of more than 220 years of age with evidence of bark or cambium wood removal for the purpose of implement manufacture, footholds, bark sheet removal for shelter, or extraction of animals or other food. Care must be taken to distinguish Aboriginal scars from the much more common natural causes of branch tear, insect attack, animal impact, lightning strike and dieback. Scarred tree recognition guidelines exist to distinguish these features. Naturally scarred trees may be misidentified as Aboriginal scarred trees.
Aboriginal site	The location where a person in the present day can observe one or more Aboriginal objects. The boundaries of a site are limited to the extent of the observed evidence. A 'site' does not include the inferred extent of unobserved Aboriginal objects (such as archaeological deposit). Different archaeologists can have varying definitions of a 'site' and may use the term to reflect the assumed extent of past Aboriginal activity beyond visible Aboriginal objects. Such use of the term risks defining all of Australia as a single 'site'.
Aboriginal stone artefact	A stone object with morphological features derived from past Aboriginal activity such as intentional fracture, abrasion or impact. Artefacts are distinguished by morphology and context. Typically flaked stone artefacts are distinguished from naturally broken stone by recognition of clear marginal fracture initiation (typically hertzian/conchoidal or wedging initiation) on highly siliceous stone types which can often be exotic to the area. Care must be taken to distinguish modern broken stone in machine impacted contexts and, therefore, context must be carefully considered as well as morphology.
ACHAR	The Aboriginal Cultural Heritage Assessment Report. This report includes the Archaeological Values Assessment and is part of the project EIS. The ACHAR discusses all cultural heritage values of the project area including cultural, scientific, aesthetic and historical values.
AHIMS	Aboriginal Heritage Information Management System. A computer software system employed by Heritage NSW to manage many aspects of Aboriginal site recording and permitting. AHIMS includes an Aboriginal sites database, which can be accessed via an internet portal.
AHIP	Aboriginal Heritage Impact Permit. Issued to permit harm to Aboriginal objects under section 90 the NPW Act.
Archaeological deposit	Aboriginal objects occurring within one or more soil strata. The most common form of archaeological deposit relates to the presence of a single conflated layer of Aboriginal stone artefacts worked into the topsoil through bioturbation.

Term	Definition
ASIRF	Aboriginal Site Impact Recording Form. A standardised Heritage NSW form for recording authorised impacts to Aboriginal sites. Only with a completed ASIRF can a site be listed as 'destroyed' on the AHIMS.
Deposit	In archaeology a deposit refers to a discrete unit or layer of soil where artefacts within the one deposit have a high chance of being associated with each other.
DPIE	Department of Planning and Environment. DPIE is the NSW government department responsible for project approval and the administration of this ACHMP.
EIS	Environmental Impact Statement. This is the document which includes all environmental factors, including heritage, which is used by the Government to determine the merits of a particular development proposal.
Grinding grooves	Grinding grooves typically derive from the sharpening of stone hatchet heads on sandstone rock. Grooves appear as elliptical depressions of around 25 centimetres in length with smooth bases. Although mostly occurring in association with water to wash the abraded stone dust away from the groove, such sites have been recorded away from water. Narrow grooves or broad abraded areas may occur less commonly and may be derived from spear sharpening or other grinding activities.
Heritage NSW	Government department tasked with managing regulation and compliance associated with the NPW Act.
Isolated find	A single artefact not directly associated with any other artefacts. The origin of an isolated find may be the spot of the loss or the discard of an artefact, however, most commonly they are artefacts that have been dislodged from their original context by erosion or another impact and redeposited elsewhere. As such, isolated finds rarely have a high archaeological value.
Open stone artefact site/stone artefact site/ artefact scatter	An unenclosed area where Aboriginal stone artefacts occur, typically exposed from a topsoil archaeological deposit by erosion. The term is usually used to refer to two or more artefacts although this is an arbitrary distinction. A general 'rule of thumb' boundary definition employed by archaeologists is that artefacts or features more than 50 metres apart are regarded as separate sites; however, there is no theoretical imperative dictating such as rule. (The 50 metre separation rule may not have been used consistently in previous site recording.)
PAD	Potential Archaeological Deposit. Used to describe a suitable landform for the retention of archaeological deposits where artefacts are not visible on the surface due to low ground surface visibility or other factors. Generally PADs are test excavated to determine their validity as a site.
PCWP	Plains Clans of the Wonnarua People
RAP	Registered Aboriginal Party

Term	Definition
Salvage	In the face of an impact, an appropriate mitigation strategy for archaeological sites is to salvage the site in order to protect individual artefacts from harm but, more importantly, to record as much information about the site before it is impacted and the information lost. Salvage can take many forms. In this ACHMP, salvage is limited to the collection and recording of surface artefacts and the archaeological excavation of sites to determine the nature and extent of subsurface deposits.
WBCAA	Wollombi Brook Conservation Agreement Area
WNAC	Wonnarua Nation Aboriginal Corporation

17. Document Information

Relevant legislation, standards and other reference information must be regularly reviewed and monitored for updates and should be included in the site management system. Related documents and reference information in this section provides the linkage and source to develop and maintain site compliance information.

17.1 Related Documents

Related documents, listed in **Table 17-1** below, are documents directly related to or referenced from within this document.

Table 17-1: Related Documents

Number	Title
WA-ENV-MNP-510	Wambo Coal Pty Ltd Heritage Management Plan

17.2 Reference Information

Reference information, listed in **Table 17-2** below, is information that is directly referred to for the development of this document.

Table 17-2: Reference Information

Reference	Title
ACHIM 2016	Australian Cultural Heritage Management. 2016. <i>United Wambo Open Cut Coal Project. Aboriginal Cultural Values Assessment Report</i> . Report for Glencore Coal Assets Australia Pty Ltd. Presented as Appendix 14 in the EIS (Umwelt 2016)
Brayshaw 1984	Brayshaw & Associates Pty Ltd. 1984. <i>Archaeological survey at Wambo near Warkworth, NSW</i> . Report to Wambo Mining Corporation Pty Ltd

Reference	Title
Dallas 1988	Mary Dallas Consulting Archaeologists. 1988. <i>United Collieries coal lease, Warkworth, Hunter Valley, New South Wales: additional archaeological survey</i> . Letter to Mr. Ken Halverson, United Collieries Pty. Ltd
Dyall 1980a	Dyall, L. 1980. <i>Report on Aboriginal Relics on AGIP Coal Lease, Warkworth, Hunter Valley, NSW</i> . Report to AGIP
Dyall 1980b	Dyall, L. 1980. <i>Report on Aboriginal relics on Wambo Coal Lease, Warkworth</i> . Report to Wambo Mining Corporation Pty Ltd
ENSR 2008	ENSR Australia Pty Limited. 2008. <i>Aboriginal Heritage Assessment of Proposed Longwalls 10 and 11, United Collieries, Warkworth, NSW</i> . Report for United Collieries
Hiscock 1984	Hiscock, P. 1984. <i>An analysis of the prehistoric stoneworking technology represented at Sites 5, 12 1 and 13 at Redbank Creek, United Collieries Coal Lease, Hunter Valley, NSW</i> . A report to United Collieries, Pty Ltd, Singleton, NSW
HLA 2002	HLA-Envirosciences Pty Limited. <i>Archaeological Assessment United Collieries Extension EIS</i> . Hunter Valley, NSW
HLA 2007	HLA-Envirosciences Pty Limited. <i>Section 90 Permit 112527 for United Collieries Haul Road: Results and Findings</i> . Report for United Collieries Pty Limited
Insite Heritage 2009a	Insite Heritage Pty Ltd. 2009. <i>Aboriginal Cultural Heritage Impact Assessment, Proposed Longwall Panels 10 & 11, United Collieries, Warkworth, NSW</i> . Report for United Collieries
Insite Heritage 2009b	Insite Heritage Pty Limited 2009. <i>Aboriginal Archaeological Assessment, United Collieries – Longwall Panel 12 & Adjacent Mine Development Areas, Warkworth, Upper Hunter Valley, NSW</i> . Report for United Collieries
Insite Heritage 2010a	Insite Heritage Pty Ltd. 2010. <i>Aboriginal Heritage Impact permit No. 1091346: Archaeological Excavation Life of Mine Emplacement Area, United Collieries, Warkworth, Hunter Valley NSW</i> . Report to United Collieries Pty Ltd
Insite Heritage 2010b	Insite Heritage Pty Ltd. 2010. <i>Aboriginal Heritage Impact permit No. 1102321: Archaeological Salvage Works, Longwalls 10 and 11 United Collieries, Warkworth, Hunter Valley, NSW</i> . Report to United Collieries Pty Ltd
Koettig and Hughes 1983	Koettig, M. and Hughes, P. 1983. <i>Archaeological investigations on the United Collieries coal lease, Warkworth Hunter Valley, NSW</i> . Report for United Collieries Pty Limited
OzArk 2016	OzArk Environmental & Heritage Management Pty Ltd. 2016. <i>Aboriginal Archaeological Values Assessment. United Wambo Project</i> . Report for

Reference	Title
	Glencore/Peabody Energy. Presented as Appendix 15 in the EIS (Umwelt 2016)
OzArk 2021	OzArk Environment & Heritage. 2021. <i>Aboriginal Cultural Heritage Salvage Report. United Wambo Open Cut Coal Mine</i> . Report for United Wambo Joint Venture
OzArk 2021b	OzArk Environment & Heritage. 2021. <i>Aboriginal Site Inspection Report</i> . Report for United Wambo Joint Venture
Umwelt 2002	Umwelt (Australia) Pty Ltd. 2002. <i>Life of Mine Emplacement Area. Location and Assessment of Aboriginal Sites</i> . Report to United Collieries Pty Ltd
Umwelt 2005	Umwelt (Australia) Pty Ltd. 2005. <i>Aboriginal Archaeological Survey and Assessment of Proposed Haul Road within the United Mine Lease, Warkworth</i> . Report to United Collieries Pty Ltd
Umwelt 2016	Umwelt (Australia) Pty Ltd. 2016. <i>United Wambo Open Cut Coal Mine Project. Environmental Impact Statement</i> . Report for United Collieries Pty Ltd

17.3 Change Information

Full details of the document history are recorded in the document control register, by version. A summary of the current change is provided in **Table 17-3** below. Example detail shown below.

Table 17-3: Change Information

Version	Date	Change Details
D.1	1 July 2019	New document
0.1	24 October 2019	Updated to address comments received from DPIE
1.0	8 May 2020	Updated to address comments received from DPIE
2.0	June 2021	Updated following submission of Independent Environmental Audit Report and Annual Review to take into account the completion of the 2020/2021 salvage program

18. Accountabilities

Table 18-1: Accountabilities

Number: UWOC-1689771511-366
Owner: Environment & Community Manager

Status: Approved
Version: 1.0

Effective: 9/06/2020
Review: 9/06/2023

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Role	Accountabilities for this document
Operations Manager	Approve the Aboriginal Cultural Heritage Management Plan. Provide adequate resources for the implementation of this Plan.
Environment and Community Manager	Implement the Aboriginal Cultural Heritage Management Plan. Include any actions undertaken in the Annual Review report. Coordinate relevant specialist personnel to conduct salvage as specified in the Plan. Ensure inclusion of Aboriginal heritage in worker inductions through delivery or input to induction documents. Distribute copies of this Plan as required. Maintain records of Aboriginal consultation and past ACHMPs. Arrange for review of the plan as set out in Section 15.1 .
Environment & Community Coordinator/ Officer	Assist the Environment & Community Manager as required in implementation of this Plan
All personnel	Report all incidents

Appendix A - Stakeholder Correspondence

Table 18-2: List of RAPs Included in Consultation on ACHMP

First Name	Surname	Group
David	Ahoy	Lower Hunter Aboriginal Incorporated
Barry	Anderson	Lower Wonnaruah Tribal Consultantancy Pty Ltd
Les	Atkinson	Jarban & Mugrebea
Georgina	Berry	Upper Hunter Wonnarua Council
Mathew	Berry	Upper Hunter Wonnarua Council
Jenny-Lee	Chambers	JLC Cultural Services
Thomas	Chambers	JLC Cultural Services
Robert	Chapman	Upper Hunter Heritage Consultants
Dean	Creighton	Wanaruah Local Aboriginal Land Council
Andrew	Ferguson	Curindi Consultants
Ricky	Fields	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group
Arthur	Fletcher	Wonn 1 Contracting
Danny	Franks	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group
Malcolm	Franks	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group
Mary	Franks	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group
Scott	Franks	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group
Aliera	French	Aliera French Trading
Wayne	French	Aliera French Trading
Jill	Green	Ka-u-ma Pondee Inc
Blake	Griffiths	Hunter Valley Aboriginal Corporation
Gordon	Griffiths	Wonnarua Cultural Heritage
Rhonda	Griffiths	Hunter Valley Aboriginal Corporation
Shannon	Griffiths	Wonnarua Cultural Heritage
Andrew	Hampton	Lower Hunter Aboriginal Incorporated
Patricia	Hampton	HSB Heritage Consultants

First Name	Surname	Group
Amanda	Hickey	Amanda Hickey Cultural Services
Des	Hickey	Wattaka Wannarua
Joshua	Hickey	Wattaka Wannarua
Luke	Hickey	Hunter Valley Cultural Services
Rodney	Hickey	Kawal Cultural Services
Steven	Hickey	Widescope Indigenous Group
Carolyn	Hickey	A1
Miranda	Hipwell	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group
David	Horton	Gomery Cultural Consultants
Clifford	Johnson	Heilamon Cultural Consultants
Andrew	Jones	Jarban & Mugrebea
Leanne	Kirkman	Wanaruah LALC / HVAC
Zachary	Laker	Wonnarua Traditional Custodians
Michael	Lester	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group
Robert	Lester	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group
Briana Anne	Matthews	Upper Hunter Heritage Consultants
Darrel	Matthews	Upper Hunter Heritage Consultants
Rodney	Matthews	Giwirr Consultants
Tania	Matthews	Hunters & Collectors of Aboriginal History
Brent	Matthews	Bullen Bullen
Brodie	Matthews	Hunters & Collectors of Aboriginal History
Adam	McSweeney	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group
Thomas	Miller	Lower Hunter Wonnarua Council Inc
Jennifer	Norfolk	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group
Allen	Paget	Ungooroo Aboriginal Corporation
Laurie	Perry	Wonnarua Nation/ Wonnarua People Native Title Group
John	Phillips	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group

First Name	Surname	Group
Michael	Rapley	Upper Hunter Heritage Consultants
Paulette	Ryan	Hunter Traditional Owner Management Services
Adam	Sampson	AGA Services
Ashley	Sampson	AGA Services
George	Sampson	Cacatua Culture Consultants
Kevin	Sampson	Bawurra Consultants
Geoffery	Sampson	Hunter Valley Aboriginal Corporation
Kylie	Saunders	Hunter Valley Aboriginal Corporation
Warren	Schilling	Myland Cultural & Heritage Group
Tracey	Skene	Culturally Aware
Kerrie	Slater	Wurrumay Consultants
Richard	Slater	Huckada Dreamin Heritage Group
Robert	Slater	Huckada Dreamin Heritage Group
Rona	Slater	Curindi Consultants
John	Smith	Lower Hunter Aboriginal Incorporated
Timothy	Smith	Smith Dhagaans Cultural Group
Colleen	Stair	Giwirr Consultants
Kathleen	Steward Kinchella	Yinarr Cultural Services
Anastazia	Stocks	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group
Maria	Stocks	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group
Steven	Verey	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group
Rhonda	Ward	Ungooroo Cultural and Community Services
Maree	Waugh	Wallangan Cultural Services
Lisa Joan	Whalan	Yinarr Cultural Services
Jacinda	Wilkinson	Tocomwall Pty Ltd on behalf of the Plains Clan of the Wonnarua People Native Title Group
Suzie	Worth	Wanaruah Local Aboriginal Land Council

WNAC Response to the Draft Plan

WNAC CULTURAL COOL BURNING PRACTICES

Introduction:

The Wonnarua Nation have begun the revival of our Cultural Burning practices with the support of the Firesticks Alliance Indigenous Corporation and will be supported over the next three years to build our knowledge base of Aboriginal led cultural burning.

This is achieved through initiating health of the land and our peoples connection to sites of significance to the Wonnarua people, we are continuing our stewardship responsibilities to protect and enhance cultural landscapes through land management practices.

Purpose:

The Purpose of the engagement within the culture and heritage management plans is to provide avenues in which the Aboriginal community can connect and care for Country through Cultural Fire Management on lands owned by Glencore

Definition:

Cultural burning is defined through the engagement of Aboriginal people in their Aboriginal led culturally informed management of lands and sacred sites, this is achieved through community connecting with the sites and the ability to read country in this culturally informed manner.

The practice of cultural burning is considered a low risk when developing the mitigation strategies for the initiation of cultural burning when the right time to burn is identified by the Aboriginal Cultural Fire practitioner and community.

Cultural burning can include but is not limited to

Burning for the health of particular plants, the animals that rely on those plants and country through bringing back connection to cultural sites and restoring kinship connection to each ecosystem within the landscape.

The cultural burning practice starts with reading country and knowing the right way to burn and right time to burn.

For the purpose of each cultural site fire may be used to gain better access to country, to manage and heal important sites and pathways to maintain cultural obligations which is all encompassing of the natural landscape and all that live within it.

For the purpose of a culture and heritage management plan there is a need to add this process inside all ACHMP from now on, the Wonnarua Nation involvement in Cultural Heritage work and Cultural Burning has a symbiotic relationship and goes hand in hand with protection and conservation of Wonnarua Culture LORE and continuation of stewardship responsibilities.

In an effort to gain the wider communities support and understanding of Aboriginal led Cultural Burns the Wonnarua Nation may wish to invite community and representatives to view the demonstrations being performed by Cultural Fire Practitioners on an Aboriginal Site, this purpose is to raise awareness and open discussions regarding issues of sensitivities, Observance of local Aboriginal cultural protocols in gaining consent, consulting and the inclusion of local Traditional Aboriginal custodians in this event.

These events are defined due to previous removal of Aboriginal people from the landscape and to reignite and raise awareness of the need for Aboriginal led stewardship.

Demonstration traditional burns for mitigation plans and to develop awareness with stakeholders on how Cultural burns led by Aboriginal people can prevent bush-fires and reduce the need for bush fire Management can also raise awareness of the restrictions that current legislation has in allowing Aboriginal cultural burns to occur at the right time.

Current Policy

Under current policy Aboriginal people in NSW can plan a cultural burn through registration with the Rural Fire Service further allowances need to be considered, but through raising awareness and partnerships the Wonnarua Nation are bridging this gap and have begun to build trust and support within their local community.

Other policy that needs to be considered are:
NPWS under the National Parks and Wildlife act part 11, 1974.
Part 61/295. United Nations Declaration on the Rights of Indigenous Peoples

Regards

Laurie Perry

CEO

WNAC

11th September 2018

From: [Nicole Davis](#)
To: [Pigott, Sean \(United - AU\)](#)
Cc: [Farnon, Aislinn \(United - AU\)](#); [Ben Churcher](#)
Subject: RE: United Wambo Project Aboriginal Cultural Heritage Management Plan
Date: Sunday, 28 October 2018 6:26:25 PM
Attachments: [image001.png](#)

Hi Sean, Aislinn and Ben,

OEH has reviewed the final draft Aboriginal Cultural Heritage Management Plan (ACHMP) for United Wambo Open Cut Coal Mine Project (the Project) SSD 7142, in anticipation of Project approval, as discussed last week. I can advised that I am satisfied that the ACHMP will meet the Aboriginal cultural heritage managements requirements of the project and have no other concerns with respect to supporting the final plan, pending RAP review.

Please feel free to send me the final document directly and I will happily respond.

Kind regards
Nicole



Nicole Davis
A/Senior Team Leader -
Planning
Hunter Central Coast
Branch
Conservation and Regional
Delivery Division

26 Honeysuckle Drive,
Newcastle 2300
Locked Bag 1002, Dangar
2309
T 02 4927 3156 M 0409 394
343

From: Sean.Pigott@glencore.com.au <Sean.Pigott@glencore.com.au>
Sent: Thursday, 25 October 2018 2:12 PM
To: Nicole Davis <Nicole.Davis@environment.nsw.gov.au>
Cc: Aislinn.Farnon@glencore.com.au
Subject: United Wambo Project Aboriginal Cultural Heritage Management Plan

Hi Nicole,

An Aboriginal Cultural Heritage Management Plan (ACHMP) has been prepared for United Wambo Open Cut Coal Mine Project (the Project) SSD 7142 in anticipation of Project approval. The plan has been prepared by Ben Churcher of OzArk Environmental & Heritage Management Pty Ltd, and has been sent out to all Registered Aboriginal Parties for comment.

Please find attached a final draft version for your review. In accordance with the likely requirements of the SSD 7142 consent conditions, the plan is to be prepared in consultation with OEH and as such we would appreciate your feedback on the plan.

The Project would also like to set up a meeting to discuss the ACHMP and cultural heritage matters. Would you have some availability in the week of the 12th of November?

Please give me a call if you have any questions or would like to discuss.

Thanks, Sean

Appendix B - DPIE Approval of this Plan

Appendix C - Site Lists

Table 18-3: All Valid and Partially Destroyed sites within the Project Area

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-4-0038	Wambo site 2 Warkworth	312507	6394422	Valid
37-5-0026	Wambo Estate Agip 1	309607	6395492	Valid
37-5-0029	Wambo site 179	309633	6396681	Valid
37-5-0030	Wambo site 3 Wambo Estate	309107	6394992	Valid
37-5-0031	Wambo Estate NW 2	309137	6395092	Valid
37-5-0032	Wambo site 2 Wambo Estate	309907	6394092	Valid
37-5-0033	Wambo site 1 Wambo Estate NW IF 1	309827	6394192	Valid
37-5-0040	Wambo site 209	308289	6397484	Valid
37-5-0078	Red Bank Creek 62	311107	6395592	Valid
37-5-0079	Red Bank Creek 63	310957	6395492	Valid
37-5-0080	Red Bank Creek 64	310557	6395542	Valid
37-5-0086	Red Bank Creek 36	310457	6396442	Valid
37-5-0087	Red Bank Creek 37	310257	6396092	Valid
37-5-0088	Red Bank Creek 38	310107	6395792	Valid
37-5-0089	Red Bank Creek 39	310007	6395592	Valid
37-5-0090	Red Bank Creek 40	309907	6395692	Valid
37-5-0091	Red Bank Creek 41	310357	6396242	Valid
37-5-0093	Red Bank Creek 25	310457	6396392	Valid
37-5-0094	Red Bank Creek 26	310537	6396442	Valid
37-5-0112	Red Bank Creek 13	310462	6396482	Partially Destroyed
37-5-0117	Red Bank Creek 4	310557	6396442	Valid
37-5-0143	Wambo site 3 Warkworth	312117	6394552	Valid
37-5-0174	NW 5	310217	6395992	Valid
37-5-0219	Wambo site 29	310807	6393242	Valid
37-5-0220	Wambo site 1	309907	6393842	Valid
37-5-0251	HVS 27	311351	6397356	Valid
37-5-0266	HVS 42	308507	6397902	Valid

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-5-0267	HVS 43	308977	6397632	Valid
37-5-0268	HVS 44	309037	6397472	Valid
37-5-0291	United 1	311810	6393935	Valid
37-5-0322	Wambo site 181	309715	6396706	Valid
37-5-0323	Wambo site 182	310142	6396805	Valid
37-5-0326	Wambo site 284	307172	6397807	Valid
37-5-0327	Wambo site 288	306747	6397992	Valid
37-5-0329	Wambo site 289	306707	6398092	Valid
37-5-0332	Wambo site 291	306907	6398322	Valid
37-5-0333	Wambo site 262	307649	6397720	Valid
37-5-0335	Wambo site 265	308079	6397932	Valid
37-5-0337	Wambo site 220	308335	6396931	Valid
37-5-0339	Wambo site 219	308464	6396884	Valid
37-5-0340	Wambo site 218	308487	6396692	Valid
37-5-0341	Wambo site 217	308697	6396582	Valid
37-5-0342	Wambo site 216	308457	6397372	Valid
37-5-0343	Wambo 202	308850	6397962	Valid
37-5-0345	Wambo site 201	308606	6397752	Valid
37-5-0346	Wambo site 200	308643	6397852	Valid
37-5-0348	Wambo site 199	308805	6397691	Valid
37-5-0350	Wambo site 256	307359	6397468	Valid
37-5-0352	Wambo site 278	307334	6398291	Valid
37-5-0353	Wambo site 230	307562	6395182	Valid
37-5-0354	Wambo site 231	307455	6395364	Valid
37-5-0355	Wambo site 232	307502	6395653	Valid
37-5-0357	Wambo site 233	307436	6396037	Valid
37-5-0358	Wambo site 239	306982	6396331	Partially Destroyed
37-5-0359	Wambo site 240	306575	6396222	Valid
37-5-0360	Wambo site 241	306438	6396279	Valid
37-5-0361	Wambo site 225	307666	6396463	Valid
37-5-0363	Wambo site 226	307864	6396328	Valid
37-5-0364	Wambo Site 227	307811	6396170	Valid
37-5-0365	Wambo site 228	307601	6396195	Valid

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-5-0366	Wambo site 229	307929	6395444	Valid
37-5-0368	Wambo site 224	307807	6396722	Valid
37-5-0370	Wambo site 257	307723	6397308	Valid
37-5-0371	Wambo site 252	307399	6397291	Valid
37-5-0372	Wambo site 251	307636	6397082	Valid
37-5-0373	Wambo site 250	307212	6396946	Valid
37-5-0374	Wambo site 249	307257	6396862	Valid
37-5-0375	Wambo site 245	306937	6396755	Valid
37-5-0376	Wambo site 246	306736	6396868	Valid
37-5-0378	Wambo site 244	306981	6396722	Valid
37-5-0379	Wambo site 242	306655	6396550	Valid
37-5-0381	Wambo site 243	306997	6396529	Valid
37-5-0382	Wambo site 279	307172	6398312	Valid
37-5-0387	Wambo site 272	308028	6398321	Valid
37-5-0388	Wambo site 273(duplicate copy of 37-5-0390)	307970	6398320	Valid
37-5-0390	Wambo site 273 (duplicate copy of 37-5-0388)	307970	6398320	Valid
37-5-0391	Wambo site 274	307935	6398320	Valid
37-5-0392	Wamba Site 287	306868	6398013	Valid
37-5-0396	Wambo site 286	306937	6397992	Valid
37-5-0398	Wambo site 285	307037	6397887	Valid
37-5-0400	Wambo site 180	309697	6396657	Valid
37-5-0401	Wambo site 150	308383	6394501	Valid
37-5-0402	Wambo site 178	309576	6396673	Valid
37-5-0403	Wambo site 151	308770	6394680	Valid
37-5-0404	Wambo site 283	307343	6397955	Valid
37-5-0405	Wambo site 281	307271	6398047	Valid
37-5-0406	Wambo site 282	307367	6398067	Valid
37-5-0407	Wambo site 156	309502	6394380	Valid
37-5-0408	Wambo site 280	307132	6398157	Valid
37-5-0409	Wambo site 157	309229	6394520	Valid
37-5-0410	Wambo site 160	309197	6395222	Valid

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-5-0411	Wambo site 161	309277	6395332	Valid
37-5-0412	Wambo site 162	309175	6395681	Valid
37-5-0413	Wambo site 163	309175	6395806	Valid
37-5-0414	Wambo site 164	309038	6395604	Valid
37-5-0415	Wambo site 165	308974	6395399	Valid
37-5-0416	Wambo site 167	308748	6395460	Valid
37-5-0417	Wambo site 168	308580	6395721	Valid
37-5-0418	Wambo site 169	308487	6395642	Valid
37-5-0419	Wambo site 170	308470	6396094	Valid
37-5-0420	Wambo site 171	308695	6396214	Valid
37-5-0421	Wambo site 172	309084	6396492	Valid
37-5-0422	Wambo site 173	309183	6396414	Valid
37-5-0423	Wambo site 174	309108	6396421	Valid
37-5-0424	Wambo site 175	309415	6396425	Valid
37-5-0425	Wambo site 176	309540	6396595	Valid
37-5-0426	Wambo site 238	307070	6396326	Valid
37-5-0427	Wambo site 237	307157	6396242	Valid
37-5-0428	Wambo site 236	307307	6396292	Valid
37-5-0431	Wambo site 177	309539	6396672	Valid
37-5-0437	Wambo site 214	308224	6397390	Valid
37-5-0438	Wambo site 213	308142	6397459	Valid
37-5-0439	Wambo site 212	308062	6397521	Valid
37-5-0440	Wambo site 211	308212	6397464	Valid
37-5-0441	Wambo site 210	308266	6397461	Valid
37-5-0442	Wambo site 235	307226	6396013	Valid
37-5-0443	Wambo site 234	307278	6395994	Valid
37-5-0445	Wambo site 276	307490	6398104	Valid
37-5-0446	Wambo site 271	307877	6398233	Valid
37-5-0447	Wambo site 270	307867	6398128	Valid
37-5-0448	Wambo site 269	307847	6398095	Valid
37-5-0449	Wambo site 268	307800	6398037	Valid
37-5-0450	Wambo site 267	307807	6397975	Valid
37-5-0451	Wambo site 266	307766	6397944	Valid

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-5-0452	Wambo site 264	307682	6397892	Valid
37-5-0453	Wambo site 222	307825	6397128	Valid
37-5-0454	Wambo site 263	307641	6397890	Valid
37-5-0455	Wambo site 223	307798	6397082	Valid
37-5-0457	Wambo site 260	307492	6397641	Valid
37-5-0458	Wambo site 259	307674	6397564	Valid
37-5-0459	Wambo site 258	307738	6397424	Valid
37-5-0460	Wambo site 255	307155	6397331	Valid
37-5-0461	Wambo site 254	307043	6397350	Valid
37-5-0462	Wambo site 253	307008	6397330	Valid
37-5-0463	Wambo site 248	306530	6397164	Valid
37-5-0464	Wambo site 247	306543	6397180	Valid
37-5-0465	Wambo site 196	308680	6397470	Valid
37-5-0466	Wambo site 195	308833	6397404	Valid
37-5-0467	Wambo site 194	308947	6397350	Valid
37-5-0468	Wambo site 193	308948	6397285	Valid
37-5-0469	Wambo site 192	308941	6397184	Valid
37-5-0470	Wambo site 191	309032	6397025	Valid
37-5-0551	Wambo PAD J	308034	6394841	Valid
37-5-0552	Wambo PAD K	308004	6394691	Valid
37-5-0554	Wambo PAD M	308304	6394991	Valid
37-5-0555	Wambo PAD N	308554	6395691	Valid
37-5-0556	Wambo PAD O	308404	6396591	Valid
37-5-0557	Wambo PAD P	308204	6396791	Valid
37-5-0558	Wambo PAD Q	308024	6396261	Valid
37-5-0559	Wambo PAD R	306904	6396341	Valid
37-5-0560	Wambo PAD S	308104	6398031	Valid
37-5-0561	Wambo PAD T	307254	6398441	Valid
37-5-0578	Wambo site 324 St 1	307124	6395449	Valid
37-5-0605	WAMBO SITE 311	306382	6396192	Valid
37-5-0610	WAMBO SITE 325	306615	6397926	Valid
37-5-0668	Wambo Site 327	306018	6397755	Valid
37-5-0669	Wambo Site 328	308993	6397716	Partially Destroyed

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-5-0671	Wambo Site 370	308507	6396552	Valid
37-5-0693	United Isolated Find-6 (United IF-6)	306724	6396397	Valid
37-5-0696	United Isolated Find-3 (United IF-3)	307283	6398374	Valid
37-5-0697	United Isolated Find-4 (United IF-4)	308042	6398409	Valid
37-5-0704	United Open Site-1 (United OS-1)	306963	6398215	Valid
37-5-0705	United Open Site 2 (United OS-2)	308228	6398037	Valid
37-5-0790	Wambo Site 488	306434	6396220	Valid
37-5-0798	Wambo Site 496	307224	6395567	Valid
37-5-0799	Wambo Site 497	307577	6394916	Valid
37-6-0273	Wambo site 1 Warkworth Colliery	312797	6394482	Valid
37-6-0274	Wambo site 2a Warkworth	312508	6394423	Valid
37-6-0711	WB 13	313825	6396242	Valid
37-6-3613	United Isolated Find 34 (United IF-34)	313828	6396242	Valid
37-6-3615	United OS-21	313641	6395164	Valid
37-6-3621	WAMBO SITE 401	313436	6393967	Partially Destroyed
37-6-3637	Wambo Site 454	313511	6393978	Partially Destroyed
37-6-3638	Wambo Site 455	313438	6393939	Partially Destroyed
37-6-3644	Wambo Site 461	313449	6394153	Partially Destroyed
37-6-3999	Wambo Site 23	313425	6394090	Partially Destroyed
37-6-4000	Wambo Site 508	313357	6394645	Partially Destroyed

Table 18-4: Valid Sites Within Disturbance Area but Outside the AHIP 2222 Area

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-5-0112	Red Bank Creek 13	310462	6396482	Partially Destroyed
37-5-0561	Wambo PAD T	307254	6398441	Valid
37-5-0669	Wambo Site 328	308993	6397716	Partially Destroyed
37-5-0705	United Open Site 2 (United OS-2)	308228	6398037	Valid
37-6-0711	WB 13	313825	6396242	Valid
37-6-3613	United Isolated Find 34 (United IF-34)	313828	6396242	Valid

Table 18-5: Valid Sites Out of the Disturbance Area and Out of the AHIP 2222 Area

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-5-0251	HVS 27	311351	6397356	Valid
37-5-0332	Wambo site 291	306907	6398322	Valid
37-5-0343	Wambo 202	308850	6397962	Valid
37-5-0353	Wambo site 230	307562	6395182	Valid
37-5-0354	Wambo site 231	307455	6395364	Valid
37-5-0359	Wambo site 240	306575	6396222	Valid
37-5-0360	Wambo site 241	306438	6396279	Valid
37-5-0551	Wambo PAD J	308034	6394841	Valid
37-5-0552	Wambo PAD K	308004	6394691	Valid
37-5-0578	Wambo site 324 St 1	307124	6395449	Valid
37-5-0605	WAMBO SITE 311	306382	6396192	Valid
37-5-0668	Wambo Site 327	306018	6397755	Valid
37-5-0697	United Isolated Find-4 (United IF-4)	308042	6398409	Valid
37-5-0704	United Open Site-1 (United OS-1)	306963	6398215	Valid
37-5-0790	Wambo Site 488	306434	6396220	Valid
37-5-0798	Wambo Site 496	307224	6395567	Valid
37-5-0799	Wambo Site 497	307577	6394916	Valid
37-6-3615	United OS-21	313641	6395164	Valid

Table 18-6: Valid Sites In the AHIP 2222 Area

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-4-0038	Wambo site 2 Warkworth	312507	6394422	Valid
37-5-0026	Wambo Estate Agip 1	309607	6395492	Valid
37-5-0029	Wambo site 179	309633	6396681	Valid
37-5-0030	Wambo site 3 Wambo Estate	309107	6394992	Valid
37-5-0031	Wambo Estate NW 2	309137	6395092	Valid
37-5-0032	Wambo site 2 Wambo Estate	309907	6394092	Valid
37-5-0033	Wambo site 1 Wambo Estate NW IF 1	309827	6394192	Valid
37-5-0040	Wambo site 209	308289	6397484	Valid
37-5-0078	Red Bank Creek 62	311107	6395592	Valid
37-5-0079	Red Bank Creek 63	310957	6395492	Valid
37-5-0080	Red Bank Creek 64	310557	6395542	Valid
37-5-0086	Red Bank Creek 36	310457	6396442	Valid
37-5-0087	Red Bank Creek 37	310257	6396092	Valid
37-5-0088	Red Bank Creek 38	310107	6395792	Valid
37-5-0089	Red Bank Creek 39	310007	6395592	Valid
37-5-0090	Red Bank Creek 40	309907	6395692	Valid
37-5-0091	Red Bank Creek 41	310357	6396242	Valid
37-5-0093	Red Bank Creek 25	310457	6396392	Valid
37-5-0094	Red Bank Creek 26	310537	6396442	Valid
37-5-0117	Red Bank Creek 4	310557	6396442	Valid
37-5-0143	Wambo site 3 Warkworth	312117	6394552	Valid
37-5-0174	NW 5	310217	6395992	Valid
37-5-0219	Wambo site 29	310807	6393242	Valid
37-5-0220	Wambo site 1	309907	6393842	Valid

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-5-0266	HVS 42	308507	6397902	Valid
37-5-0267	HVS 43	308977	6397632	Valid
37-5-0268	HVS 44	309037	6397472	Valid
37-5-0291	United 1	311810	6393935	Valid
37-5-0322	Wambo site 181	309715	6396706	Valid
37-5-0323	Wambo site 182	310142	6396805	Valid
37-5-0326	Wambo site 284	307172	6397807	Valid
37-5-0327	Wambo site 288	306747	6397992	Valid
37-5-0329	Wambo site 289	306707	6398092	Valid
37-5-0333	Wambo site 262	307649	6397720	Valid
37-5-0335	Wambo site 265	308079	6397932	Valid
37-5-0337	Wambo site 220	308335	6396931	Valid
37-5-0339	Wambo site 219	308464	6396884	Valid
37-5-0340	Wambo site 218	308487	6396692	Valid
37-5-0341	Wambo site 217	308697	6396582	Valid
37-5-0342	Wambo site 216	308457	6397372	Valid
37-5-0345	Wambo site 201	308606	6397752	Valid
37-5-0346	Wambo site 200	308643	6397852	Valid
37-5-0348	Wambo site 199	308805	6397691	Valid
37-5-0350	Wambo site 256	307359	6397468	Valid
37-5-0352	Wambo site 278	307334	6398291	Valid
37-5-0355	Wambo site 232	307502	6395653	Valid
37-5-0357	Wambo site 233	307436	6396037	Valid
37-5-0358	Wambo site 239	306982	6396331	Partially Destroyed
37-5-0361	Wambo site 225	307666	6396463	Valid
37-5-0363	Wambo site 226	307864	6396328	Valid

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-5-0364	Wambo Site 227	307811	6396170	Valid
37-5-0365	Wambo site 228	307601	6396195	Valid
37-5-0366	Wambo site 229	307929	6395444	Valid
37-5-0368	Wambo site 224	307807	6396722	Valid
37-5-0370	Wambo site 257	307723	6397308	Valid
37-5-0371	Wambo site 252	307399	6397291	Valid
37-5-0372	Wambo site 251	307636	6397082	Valid
37-5-0373	Wambo site 250	307212	6396946	Valid
37-5-0374	Wambo site 249	307257	6396862	Valid
37-5-0375	Wambo site 245	306937	6396755	Valid
37-5-0376	Wambo site 246	306736	6396868	Valid
37-5-0378	Wambo site 244	306981	6396722	Valid
37-5-0379	Wambo site 242	306655	6396550	Valid
37-5-0381	Wambo site 243	306997	6396529	Valid
37-5-0382	Wambo site 279	307172	6398312	Valid
37-5-0387	Wambo site 272	308028	6398321	Valid
37-5-0388	Wambo site 273(duplicate copy of 37-5-0390)	307970	6398320	Valid
37-5-0390	Wambo site 273 (duplicate copy of 37-5-0388)	307970	6398320	Valid
37-5-0391	Wambo site 274	307935	6398320	Valid
37-5-0392	Wamba Site 287	306868	6398013	Valid
37-5-0396	Wambo site 286	306937	6397992	Valid
37-5-0398	Wambo site 285	307037	6397887	Valid
37-5-0400	Wambo site 180	309697	6396657	Valid
37-5-0401	Wambo site 150	308383	6394501	Valid

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-5-0402	Wambo site 178	309576	6396673	Valid
37-5-0403	Wambo site 151	308770	6394680	Valid
37-5-0404	Wambo site 283	307343	6397955	Valid
37-5-0405	Wambo site 281	307271	6398047	Valid
37-5-0406	Wambo site 282	307367	6398067	Valid
37-5-0407	Wambo site 156	309502	6394380	Valid
37-5-0408	Wambo site 280	307132	6398157	Valid
37-5-0409	Wambo site 157	309229	6394520	Valid
37-5-0410	Wambo site 160	309197	6395222	Valid
37-5-0411	Wambo site 161	309277	6395332	Valid
37-5-0412	Wambo site 162	309175	6395681	Valid
37-5-0413	Wambo site 163	309175	6395806	Valid
37-5-0414	Wambo site 164	309038	6395604	Valid
37-5-0415	Wambo site 165	308974	6395399	Valid
37-5-0416	Wambo site 167	308748	6395460	Valid
37-5-0417	Wambo site 168	308580	6395721	Valid
37-5-0418	Wambo site 169	308487	6395642	Valid
37-5-0419	Wambo site 170	308470	6396094	Valid
37-5-0420	Wambo site 171	308695	6396214	Valid
37-5-0421	Wambo site 172	309084	6396492	Valid
37-5-0422	Wambo site 173	309183	6396414	Valid
37-5-0423	Wambo site 174	309108	6396421	Valid
37-5-0424	Wambo site 175	309415	6396425	Valid
37-5-0425	Wambo site 176	309540	6396595	Valid
37-5-0426	Wambo site 238	307070	6396326	Valid
37-5-0427	Wambo site 237	307157	6396242	Valid

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-5-0428	Wambo site 236	307307	6396292	Valid
37-5-0431	Wambo site 177	309539	6396672	Valid
37-5-0437	Wambo site 214	308224	6397390	Valid
37-5-0438	Wambo site 213	308142	6397459	Valid
37-5-0439	Wambo site 212	308062	6397521	Valid
37-5-0440	Wambo site 211	308212	6397464	Valid
37-5-0441	Wambo site 210	308266	6397461	Valid
37-5-0442	Wambo site 235	307226	6396013	Valid
37-5-0443	Wambo site 234	307278	6395994	Valid
37-5-0445	Wambo site 276	307490	6398104	Valid
37-5-0446	Wambo site 271	307877	6398233	Valid
37-5-0447	Wambo site 270	307867	6398128	Valid
37-5-0448	Wambo site 269	307847	6398095	Valid
37-5-0449	Wambo site 268	307800	6398037	Valid
37-5-0450	Wambo site 267	307807	6397975	Valid
37-5-0451	Wambo site 266	307766	6397944	Valid
37-5-0452	Wambo site 264	307682	6397892	Valid
37-5-0453	Wambo site 222	307825	6397128	Valid
37-5-0454	Wambo site 263	307641	6397890	Valid
37-5-0455	Wambo site 223	307798	6397082	Valid
37-5-0457	Wambo site 260	307492	6397641	Valid
37-5-0458	Wambo site 259	307674	6397564	Valid
37-5-0459	Wambo site 258	307738	6397424	Valid
37-5-0460	Wambo site 255	307155	6397331	Valid
37-5-0461	Wambo site 254	307043	6397350	Valid
37-5-0462	Wambo site 253	307008	6397330	Valid

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-5-0463	Wambo site 248	306530	6397164	Valid
37-5-0464	Wambo site 247	306543	6397180	Valid
37-5-0465	Wambo site 196	308680	6397470	Valid
37-5-0466	Wambo site 195	308833	6397404	Valid
37-5-0467	Wambo site 194	308947	6397350	Valid
37-5-0468	Wambo site 193	308948	6397285	Valid
37-5-0469	Wambo site 192	308941	6397184	Valid
37-5-0470	Wambo site 191	309032	6397025	Valid
37-5-0554	Wambo PAD M	308304	6394991	Valid
37-5-0555	Wambo PAD N	308554	6395691	Valid
37-5-0556	Wambo PAD O	308404	6396591	Valid
37-5-0557	Wambo PAD P	308204	6396791	Valid
37-5-0558	Wambo PAD Q	308024	6396261	Valid
37-5-0559	Wambo PAD R	306904	6396341	Valid
37-5-0560	Wambo PAD S	308104	6398031	Valid
37-5-0610	WAMBO SITE 325	306615	6397926	Valid
37-5-0671	Wambo Site 370	308507	6396552	Valid
37-5-0693	United Isolated Find-6 (United IF-6)	306724	6396397	Valid
37-5-0696	United Isolated Find-3 (United IF-3)	307283	6398374	Valid
37-6-0273	Wambo site 1 Warkworth Colliery	312797	6394482	Valid
37-6-0274	Wambo site 2a Warkworth	312508	6394423	Valid
37-6-3621	WAMBO SITE 401	313436	6393967	Partially Destroyed
37-6-3637	Wambo Site 454	313511	6393978	Partially Destroyed

AHIMS ID	Site Name	GDA East	GDA North	Site Status
37-6-3638	Wambo Site 455	313438	6393939	Partially Destroyed
37-6-3644	Wambo Site 461	313449	6394153	Partially Destroyed
37-6-3999	Wambo Site 23	313425	6394090	Partially Destroyed
37-6-4000	Wambo Site 508	313357	6394645	Partially Destroyed

Table 18-7: Sites salvaged in 2020/2021

AHIMS ID	Site name	Site Type	GDA East	GDA North	Surface artefacts	Sub-surface artefacts	Category
37-5-0023	Warkworth Agip 8	Artefact scatter	312205	6396590	See 37-5-0115	N/A	Category 2
37-5-0024	Malabar1	Artefact scatter	311405	6396590	See 37-5-0025	N/A	Category 2
37-5-0025	Agip 2 Malabar	Artefact scatter	311455	6396668	479	N/A	Category 2
37-5-0027	Malabar	Isolated find	310705	6396590	See 37-5-0096	See 37-5-0096	Category 1
37-5-0028	Malabar Agip 3	Artefact scatter	310305	6396790	2	N/A	Category 2
37-5-0083	Red Bank Creek 51	Artefact scatter	312455	6396790	1	N/A	Category 2
37-5-0085	Red Bank Creek 35	Artefact scatter	3110	6396640	10	N/A	Category 2

			9 0 5				
37-5-0095	Red Bank Creek 27	Artefact scatter	3 1 0 6 5 5	6396540	0	N/A	Category 2
37-5-0096	Red Bank Creek 28	Artefact scatter	3 1 0 7 4 2	6396601	25	4	Category 1
37-5-0097	Red Bank Creek 29	Artefact scatter	3 1 0 8 0 5	6396590	1	N/A	Category 2
37-5-0098	Red Bank Creek 30	Artefact scatter	3 1 0 7 5 5	6396540	0	N/A	Category 2
37-5-0099	Red Bank Creek 31	Artefact scatter	3 1 0 9 2 1	6396810	74	N/A	Category 2
37-5-0100	Red Bank Creek 32	Artefact scatter	3 1 0 9 7 3	6396755	236	N/A	Category 2
37-5-0101	Red Bank Creek 33	Artefact scatter	3 1 1 1 0 5	6396740	0	N/A	Category 2
37-5-0103	Red bank Creek 22	Artefact scatter	3 1	6396590	See 37-5-0115	N/A	Category 2

			2 1 0 5				
37-5-0105	Red bank Creek 20	Artefact scatter	3 1 2 0 5 5	6396690	1	N/A	Category 2
37-5-0106	Red Bank Creek 19	Artefact scatter	3 1 2 0 5 5	6396690	See 37-5-0106	N/A	Category 2
37-5-0109	Red bank Creek 16	Artefact scatter	3 1 1 8 5 5	6396740	6	N/A	Category 2
37-5-0110	Red Bank Creek 15	Artefact scatter	3 1 1 7 0 1	6396723	17	N/A	Category 2
37-5-0115	Red Bank Creek 8	Artefact scatter	3 1 2 1 1 9	6396619	300	N/A	Category 2
37-5-0116	Red Bank Creek 5	Artefact scatter	3 1 1 2 0 9	6396747	297	95	Category 1
37-5-0349	Wambo site 190	Artefact scatter	3 0 9 2 0 4	6397081	1	N/A	Category 2

37-5-0429	Wambo site 189	Artefact scatter	3 0 9 3 5 6	6397068	0	N/A	Category 2
37-5-0430	Wambo site 188	Isolated find	3 0 9 3 6 9	6397087	0	N/A	Category 2
37-5-0432	Wambo site 187	Artefact scatter	3 0 9 4 3 3	6397085	0	N/A	Category 2
37-5-0433	Wambo site 186	Artefact scatter	3 0 9 4 8 0	6397105	1	N/A	Category 2
37-5-0434	Wambo site 185	Artefact scatter	3 0 9 5 3 4	6397094	0	N/A	Category 2
37-5-0435	Wambo site 184	Artefact scatter	3 0 9 5 6 1	6397098	0	N/A	Category 2
37-5-0496	Haul Road 2	Artefact scatter	3 1 3 1 0 0	6396125	3	N/A	Category 2
37-5-0510	United Collieries 1	Artefact scatter	3 1 2 2 1 5	6396419	5	N/A	Category 2

37-5-0511	United Collieries 6	Isolated find	3 1 2 0 7 8	6396431	1	N/A	Category 2
37-5-0512	United Collieries 13	Artefact scatter	3 1 2 2 0 0	6396595	See 37-5-0115	N/A	Category 2
37-5-0513	United Collieries 7	Artefact scatter	3 1 2 0 1 6	6396450	3	N/A	Category 2
37-5-0514	United Collieries 11	Isolated find	3 1 1 9 1 6	6396572	1	N/A	Category 2
37-5-0515	United Collieries 12	Artefact scatter	3 1 2 0 3 1	6396588	1	N/A	Category 2
37-5-0518	United Collieries 2	Artefact scatter	3 1 2 2 8 1	6396412	See 37-5-0520	N/A	Category 2
37-5-0519	United Collieries 8	Artefact scatter	3 1 2 4 1 1	6396575	1	N/A	Category 2
37-5-0520	United Collieries 23	Artefact scatter	3 1 2 3 5 7	6396285	22	N/A	Category 2

37-5-0523	United 6	Artefact scatter	3 1 1 8 7 9	6396514	47	N/A	Category 2
37-5-0576	UCL 12-1	Artefact scatter	3 1 0 4 3 1	6396833	21	N/A	Category 2
37-5-0577	UCL 12-2	Artefact scatter	3 1 1 0 3 6	6397002	See 37-5-0099	N/A	Category 2
37-5-0691	Artefact reburial location	Non-archaeological location	3 1 0 7 9 0	6397021	N/A	N/A	Category 3
37-5-0699	United IF-8	Isolated find	3 0 9 3 5 6	6397070	0	N/A	Category 2
37-5-0700	United IF-9	Isolated find	3 1 0 1 1 9	6397274	1	N/A	Category 2
37-5-0701	United IF-10	Isolated find	3 1 1 7 7 6	6396718	2	N/A	Category 2
37-5-0702	United IF-11	Isolated find	3 1 2 2 9 6	6395887	1	N/A	Category 2

37-5-0703	United IF-15	Isolated find	3 1 2 1 8 4	6397195	1	N/A	Category 2
37-5-0706	United OS-3	Artefact scatter	3 0 9 2 2 8	6397244	6	N/A	Category 2
37-5-0707	United OS-4	Artefact scatter	3 0 9 4 1 1	6397262	4	N/A	Category 2
37-5-0708	United OS-5	Artefact scatter	3 0 9 9 3 1	6397262	0	N/A	Category 2
37-5-0709	United OS-6	Artefact scatter	3 1 0 4 3 2	6397137	109	N/A	Category 2
37-5-0710	United OS-7	Artefact scatter	3 1 1 1 3 5	6396836	98	N/A	Category 2
37-5-0711	United OS-8	Artefact scatter	3 1 1 3 5 7	6396100	4	N/A	Category 2
37-5-0712	United OS-9	Artefact scatter	3 1 1 4 3 8	6396092	15	N/A	Category 2

37-5-0713	United OS-10	Artefact scatter	3 1 1 6 4 6	6396285	1	N/A	Category 2
37-6-0130	Agip 7 Warkworth	Artefact scatter	3 1 2 6 8 9	6396497	See 37-6-1912	N/A	Category 2
37-6-0131	Agip 6 Warkworth	Artefact scatter	3 1 3 2 3 8	6396508	See 37-6-1033	See 37-6-1033	Category 1
37-6-0132	Agip 10 Warkworth	Artefact scatter	3 1 3 2 3 4	6396691	51	N/A	Category 2
37-6-0133	Warkworth Agip 8	Artefact scatter	3 1 3 6 0 5	6396423	0	N/A	Category 2
37-6-0134	Agip 9 Warkworth	Artefact scatter	3 1 3 6 0 4	6396515	9	N/A	Category 2
37-6-0272	Red Bank Creek 12	Artefact scatter	3 1 3 3 0 5	6396690	0	N/A	Category 2
37-6-0275	Red Bank Creek 10	Artefact scatter	3 1 3 3 5 5	6396440	See 37-6-1033	See 37-6-1033	Category 1

37-6-0323	Redbank Creek No.45	Artefact scatter	3 1 2 8 5 5	6396640	See 37-6-0325	N/A	Category 2
37-6-0324	Redbank Creek NO.46	Artefact scatter	3 1 2 7 5 5	6396690	0	N/A	Category 2
37-6-0325	Red Bank Creek 47	Artefact scatter	3 1 2 8 7 8	6396647	90	N/A	Category 2
37-6-0326	Red Bank Creek 48	Artefact scatter	3 1 2 6 2 7	6396551	2	N/A	Category 2
37-6-0327	Redbank Creek No.49	Artefact scatter	3 1 2 6 0 5	6396690	4	N/A	Category 2
37-6-0329	Redbank Creek No.44	Artefact scatter	3 1 2 9 0 5	6396590	See 37-6-0325	N/A	Category 2
37-6-0330	Redbank Creek No.42	Artefact scatter	3 1 3 2 0 5	6396640	See 37-6-0132	N/A	Category 2
37-6-0331	Redbank Creek No.43	Artefact scatter	3 1 3 1 0 5	6396540	See 37-6-0325	N/A	Category 2

37-6-1007	UC1/6	Artefact scatter	3 1 2 9 5 5	6396820	0	N/A	Category 2
37-6-1008	UC1/7	Isolated find	3 1 2 7 0 5	6396840	1	N/A	Category 2
37-6-1010	UC5/1	Isolated find	3 1 3 1 0 5	6395060	See 37-6-3612	N/A	Category 2
37-6-1033	UC2/1	Artefact scatter	3 1 3 3 2 3	6396475	71	51	Category 1
37-6-1657	Haul Road 4	Artefact scatter	3 1 3 1 5 9	6395950	3	N/A	Category 2
37-6-1770	HVO-139	Isolated find	3 1 3 3 6 7	6396778	0	N/A	Category 2
37-6-1771	HVO-140	Isolated find	3 1 3 6 1 7	6396815	0	N/A	Category 2
37-6-1772	HVO-141	Isolated find	3 1 3 6 2 4	6397228	1	N/A	Category 2

37-6-1773	HVO-142	Artefact scatter	3 1 3 6 8 0	6396725	0	N/A	Category 2
37-6-1774	HVO-143	Isolated find	3 1 3 6 9 8	6396703	0	N/A	Category 2
37-6-1775	HVO-144	Artefact scatter	3 1 3 7 2 5	6396671	1	N/A	Category 2
37-6-1776	HVO-145	Artefact scatter	3 1 3 7 3 1	6396646	1	N/A	Category 2
37-6-1777	HVO-146	Artefact scatter	3 1 3 4 6 1	6396646	3	N/A	Category 2
37-6-1778	HVO-147	Isolated find	3 1 3 8 5 7	6396641	0	N/A	Category 2
37-6-1779	HVO-148	Isolated find	3 1 3 8 5 9	6396669	0	N/A	Category 2
37-6-1780	HVO-149	Isolated find	3 1 3 8 6 4	6396708	0	N/A	Category 2

37-6-1781	HVO-150	Hearth	3 1 3 8 6 4	6396708	0	N/A	Category 2
37-6-1782	HVO-151	Isolated find	3 1 3 3 9 5	6397059	0	N/A	Category 2
37-6-1911	United Collieries 4 (Singleton)	Isolated find	3 1 2 6 9 8	6396391	See 37-6-1912	N/A	Category 2
37-6-1912	United Collieries 5	Artefact scatter	3 1 2 8 8 2	6396331	175	N/A	Category 2
37-6-1913	United Collieries 9	Artefact scatter	3 1 2 6 0 8	6396599	15	N/A	Category 2
37-6-1914	United Collieries 10	Artefact scatter	3 1 2 5 5 8	6396674	171	N/A	Category 2
37-6-1918	United Collieries 18 (Singleton)	Artefact scatter	3 1 2 8 5 7	6395366	7	N/A	Category 2
37-6-1920	United Collieries 20 (Singleton)	Isolated find	3 1 3 6 4 0	6395277	0	N/A	Category 2

37-6-1922	United Collieries 22 (Singleton)	Artefact scatter	3 1 3 0 9 1	6396045	1	N/A	Category 2
37-6-2075	Wambo PAD B	PAD	3 1 3 3 0 4	6395391	0	0	Category 1
37-6-3583	United IF-12	Isolated find	3 1 2 4 3 6	6395857	1	N/A	Category 2
37-6-3584	United IF-13	Isolated find	3 1 2 5 2 4	6396079	1	N/A	Category 2
37-6-3585	United IF-14	Isolated find	3 1 2 5 7 1	6395769	1	N/A	Category 2
37-6-3586	United IF-16	Isolated find	3 1 2 4 7 8	6397253	1	N/A	Category 2
37-6-3587	United IF-17	Isolated find	3 1 2 7 0 3	6397015	0	N/A	Category 2
37-6-3588	United IF-18	Isolated find	3 1 2 6 0 3	6396745	1	N/A	Category 2

37-6-3589	United IF-19	Isolated find	3 1 2 7 3 4	6396857	1	N/A	Category 2
37-6-3590	United IF-20	Isolated find	3 1 3 1 4 5	6396866	2	N/A	Category 2
37-6-3591	United IF-21	Isolated find	3 1 3 2 6 7	6396982	1	N/A	Category 2
37-6-3592	United IF-22	Isolated find	3 1 2 8 7 4	6395349	1	N/A	Category 2
37-6-3593	United IF-23	Isolated find	3 1 3 0 7 3	6395177	4	N/A	Category 2
37-6-3594	United IF-24	Isolated find	3 1 3 3 6 5	6394924	0	N/A	Category 2
37-6-3595	United IF-25	Isolated find	3 1 3 1 9 0	6395321	2	N/A	Category 2
37-6-3596	United IF-26	Isolated find	3 1 3 4 3 1	6395020	2	N/A	Category 2

37-6-3597	United IF-27	Isolated find	3 1 3 4 1 8	6395092	1	N/A	Category 2
37-6-3598	United IF-28	Isolated find	3 1 3 4 9 4	6395072	1	N/A	Category 2
37-6-3599	United IF-29	Isolated find	3 1 3 5 1 9	6395238	0	N/A	Category 2
37-6-3600	United IF-30	Isolated find	3 1 3 2 8 3	6396158	0	N/A	Category 2
37-6-3601	United IF-32	Isolated find	3 1 3 6 4 5	6395904	1	N/A	Category 2
37-6-3602	United IF-31	Isolated find	3 1 3 3 1 3	6396222	2	N/A	Category 2
37-6-3603	United IF-33	Isolated find	3 1 3 6 9 9	6396061	3	N/A	Category 2
37-6-3604	United OS-11	Artefact scatter	3 1 2 3 7 3	6396137	20	N/A	Category 2

37-6-3605	United OS-12	Artefact scatter	3 1 2 6 2 0	6396290	138	N/A	Category 2
37-6-3606	United OS-13	Artefact scatter	3 1 2 3 7 8	6396843	6	N/A	Category 2
37-6-3607	United OS-14	Artefact scatter	3 1 3 0 2 7	6396942	3	N/A	Category 2
37-6-3608	United OS-15	Artefact scatter	3 1 2 8 6 1	6395961	1	N/A	Category 2
37-6-3609	United OS-16	Artefact scatter	3 1 2 8 5 9	6396231	45	N/A	Category 2
37-6-3610	United OS-17	Artefact scatter	3 1 3 0 0 4	6395356	19	N/A	Category 2
37-6-3611	United OS-18	Artefact scatter	3 1 3 2 0 4	6395068	117	2	Category 1
37-6-3612	United OS-19	Artefact scatter	3 1 3 1 2 9	6394943	3	N/A	Category 2

37-6-3614	United OS-20	Artefact scatter	3 1 3 3 4 4	6395141	9	N/A	Category 2
37-6-3616	United OS-22	Artefact scatter	3 1 3 5 2 1	6396083	14	N/A	Category 2
37-6-3617	United OS-23	Artefact scatter	3 1 3 5 8 5	6396001	0	N/A	Category 2
37-6-3618	United OS-24	Artefact scatter	3 1 3 7 6 2	6395944	2	N/A	Category 2
37-6-3620	United OS-25	Artefact scatter	3 1 3 5 0 8	6396284	6	65	Category 1
37-6-3648	Wambo Site 465	Artefact scatter	3 1 3 3 4 4	6395130	See 37-6-3616	N/A	Category 2
37-6-3649	Wambo Site 466	Artefact scatter	3 1 3 4 1 7	6395095	See 37-6-3597	N/A	Category 2
37-6-3650	Wambo Site 467	Isolated find	3 1 3 2 4 2	6395148	0	N/A	Category 2

37-6-3651	Wambo Site 468	Isolated find	3 1 3 2 9 4	6395119	0	N/A	Category 2
37-6-3652	Wambo Site 469	Isolated find	3 1 3 0 8 9	6395142	0	N/A	Category 2

Appendix D - Heritage NSW Aboriginal Community Wellbeing Toolkit



Office of
Environment
& Heritage

Strengthening Aboriginal Community Wellbeing Toolkit

What is the Toolkit?

The Toolkit is a software-based tool designed to help Aboriginal community groups (or communities participating in the Partnership Community Program) develop an understanding of the current level of wellbeing in their community and to set in place goals and actions to improve community wellbeing.

The Toolkit allows for a positive approach to community planning – it has been designed to focus on the strengths of a community, rather than its weaknesses.

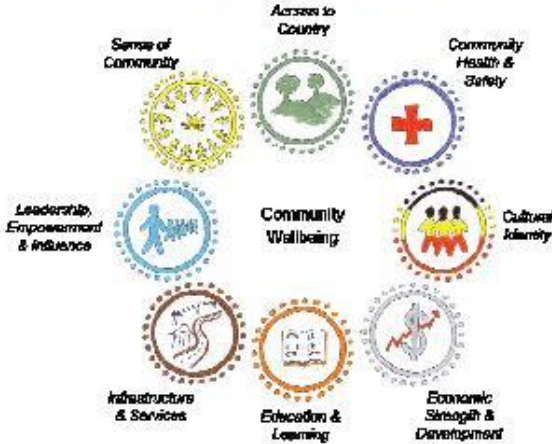
The Toolkit generates a series of reports for a community that can form the basis of a formal community action plan. It can also assist a community to monitor its level of wellbeing over time and plan relevant actions to improve its wellbeing.

The Toolkit can help a community to discuss a range of issues that contribute to wellbeing. It can also empower communities by helping them to transform community knowledge into information that can be used in a collaborative planning process. The Toolkit process is intended to help communities to confidently negotiate with government and other partners to achieve community goals.

What does the Toolkit do?

The Toolkit guides a community group through a process of assessing the community's wellbeing across eight key areas or 'characteristics' of Aboriginal community wellbeing. These characteristics make up the 'Aboriginal Community Wellbeing Framework' which forms the basis of the Toolkit.

The eight characteristics of Aboriginal community wellbeing are: Access to Country; Community Health and Safety; Cultural Identity; Economic Strength and Development; Education and Learning; Infrastructure and Services; Leadership, Empowerment and Influence; and Sense of Community.



Using the results of the assessment spanning these eight areas, the Toolkit then guides the community group through a process of setting goals for areas identified as key priorities.

The final section of the Toolkit is designed to be used by the community group together with government and other partners to negotiate actions the community would like to undertake in partnership to achieve its key priority goals.

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Appendix E - New Aboriginal Site Recording Form

New Aboriginal Heritage Site Recording Form		UNITED WAMBO JOINT VENTURE GLENORE	
Instructions			
1. This form must be used upon identification of new Aboriginal heritage sites at United Wambo. 2. Copies of the form must be on hand when any Aboriginal Heritage Survey is being undertaken. 3. Those conducting survey must be made fully aware of the Aboriginal Cultural Heritage Management Plan requirements by the Environment & Community Manager (or delegate). 4. The Environment & Community Manager must approve this form.			
Name of person recording site:		Date found:	
Location:			
Site Coordinates (Northings/Eastings):			
Describe how the site has been demarcated?			
Describe how you have notified the Environment & Community Manager? <i>Note: the Environment and Community Manager must be notified immediately upon any new find</i>			
If the site is in an area approved for disturbance, confirm that work has ceased and the site has been fenced off?			
Describe the recommended management actions to protect this site?			
Confirm the site location has been put into the United Wambo GIS database? <i>Note: this must be done before the end of the next working day</i>			
Site person responsible for implementing actions:			
	Name	Signature	Date
E&C Manager:			
	Name	Signature	Date
Number: <Document ID> Owner: [Enter document owner position title] Status: Draft Version: 0.1 Effective: N/A Review: N/A Page 1 of 1 Uncontrolled unless viewed on intranet			