

MANGOOLA OPEN CUT

GLENCORE



Aboriginal Cultural Heritage Management Plan

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Review History

Version	Date Reviewed	Reviewed By	Amendment
0	September 2013	Umwelt, Mangoola, registered Aboriginal parties	Reviewed 2008 ACHMP and incorporated Addendum (2013).
1	December 2013	Mangoola, Umwelt	Considered registered Aboriginal parties feedback and made amendments to document.
2	March 2014	Mangoola Coal	Added Authority correspondence from OEH and DP&I (and updated Section 6.0 to reflect this), removed 'Draft' from header and title page, added new Mangoola logo.
3	July 2014	Mangoola Coal	Changed DP&I to DP&E, changed AEMR to Annual Review, updated Condition numbers and other minor amendments, to consider Modification 6 PA 06_0014 amendment. Approved 22 nd December 2014.
4	October 2017	Mangoola Coal, Umwelt, registered Aboriginal parties	<p>Update to reflect:</p> <ul style="list-style-type: none"> • Restructure of ACHMP into new GCAA template within current management plans. • Review and update of management plan figures. • Development of process flow diagrams to visually simplify management steps. • Simplification of text to be clear, concise and articulate how Aboriginal archaeological sites are managed at Mangoola. • 3 yearly update as per section 7.3. <p>Updated wording to flow diagram (figure 3) following comments from CEO – W.L.A.L.C recorded at the annual consultation meeting.</p>
5	2 November 2018	Mangoola Coal	Response to DP&E comments regarding Appendix A (project approval referencing) received via phone 2 nd November 2018.
6	5 November 2018	DP&E	ACHMP approved by DP&E.
7	February 2020	Mangoola Coal	<p>Administrative update to reflect the execution of Care Agreement C0003885 to relocate salvaged artefacts back to site for safekeeping as well as inclusion of Figure 10 - Artefact Storage Location.</p> <p>Addition of AC58 rockshelter identified during 2018 Aboriginal Cultural Heritage Offset Area annual inspection and inclusion into Figure 4.</p> <p>Addition of sites identified through the Mangoola Coal Continued Operations EIS studies added to Figure 4.</p> <p>Update to aerial image on Figure 2 and Figure 4.</p> <p>Update to References. Addition of Appendix C – Table of previously identified cultural heritage sites around Mangoola.</p> <p>Administrative update – update to template.</p>

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Acknowledgment

Mangoola Coal Operations would like to acknowledge the Traditional Owners of the Mangoola area and pay respect to their cultural heritage, beliefs and continuing relationship with the land.

We would also like to acknowledge and pay respect to the post-contact experiences of Aboriginal people who have attachment to the Mangoola area.

We pay respect to the Elders, both past and present.



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1. Introduction

Mangoola Coal Operations Pty Limited (Mangoola Coal) operates an open cut coal mine located near Wybong, approximately 20 kilometres west of Muswellbrook and approximately 10 kilometres north of Denman in the Muswellbrook Local Government Area (refer to **Figure 1**).

1.1 Project Description

In accordance with Project Approval (PA) 06_0014, Mangoola Coal has a maximum production rate of 13.5 million tonnes per annum (Mtpa) of run of mine (ROM) coal over a mine life of 21 years. The primary mining method utilises hydraulic excavators loading rear dump trucks assisted by dozer push and cast blasting of overburden where appropriate. Dump trucks haul ROM coal to the coal handling facilities along haul roads. The general mining sequence includes the stripping of topsoil, removal of overburden, extraction of coal resource, in pit overburden emplacement and progressive rehabilitation.

A detailed description of the Mangoola Coal Project and, the subsequent modifications, is provided in Chapter 3 of the Modification 6 Environmental Assessment (EMGA Mitchell McLennan 2013). An overview of the Aboriginal Cultural Heritage assessment findings can be found in Chapter 16 of the EA.

The Mangoola Coal project area also incorporates a number of areas set aside as offsets for their Aboriginal cultural and/or ecological values. The approved Aboriginal Cultural Heritage Offset Areas (ACHOAs) include land located along Big Flat Creek, Anvil Hill, Wallaby Rocks and the Limb of Addy Hill, as shown in **Figure 2**. These areas are joint offsets set aside for long term security due to their Aboriginal cultural and ecological values. Other ecological offset areas include Habitat Enhancement Offset (HEO) areas, Southern Offset (SO) areas and designated corridors designed to provide vegetated connectivity to areas outside the Mangoola Coal project area.

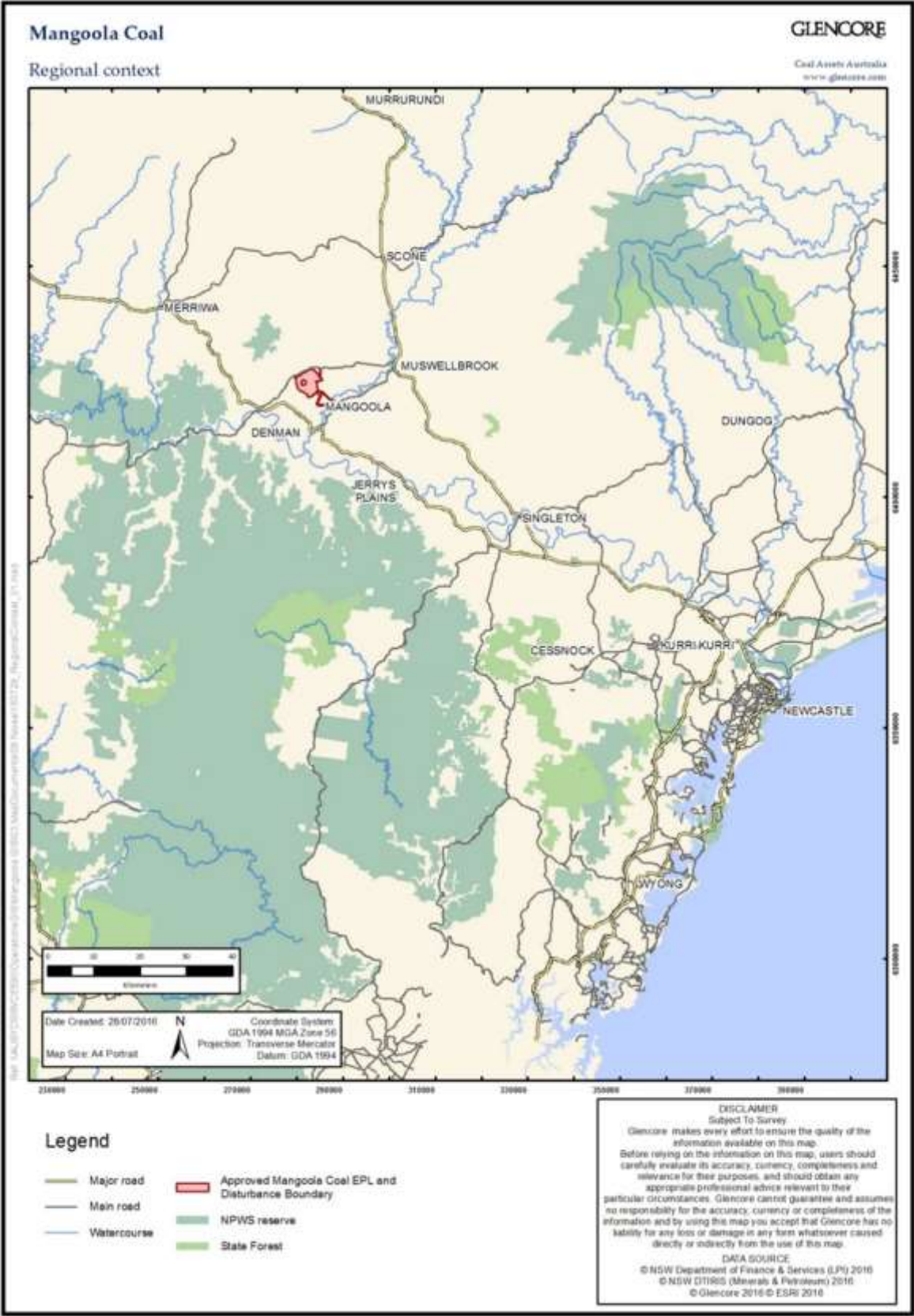


Figure 1 - Regional Context

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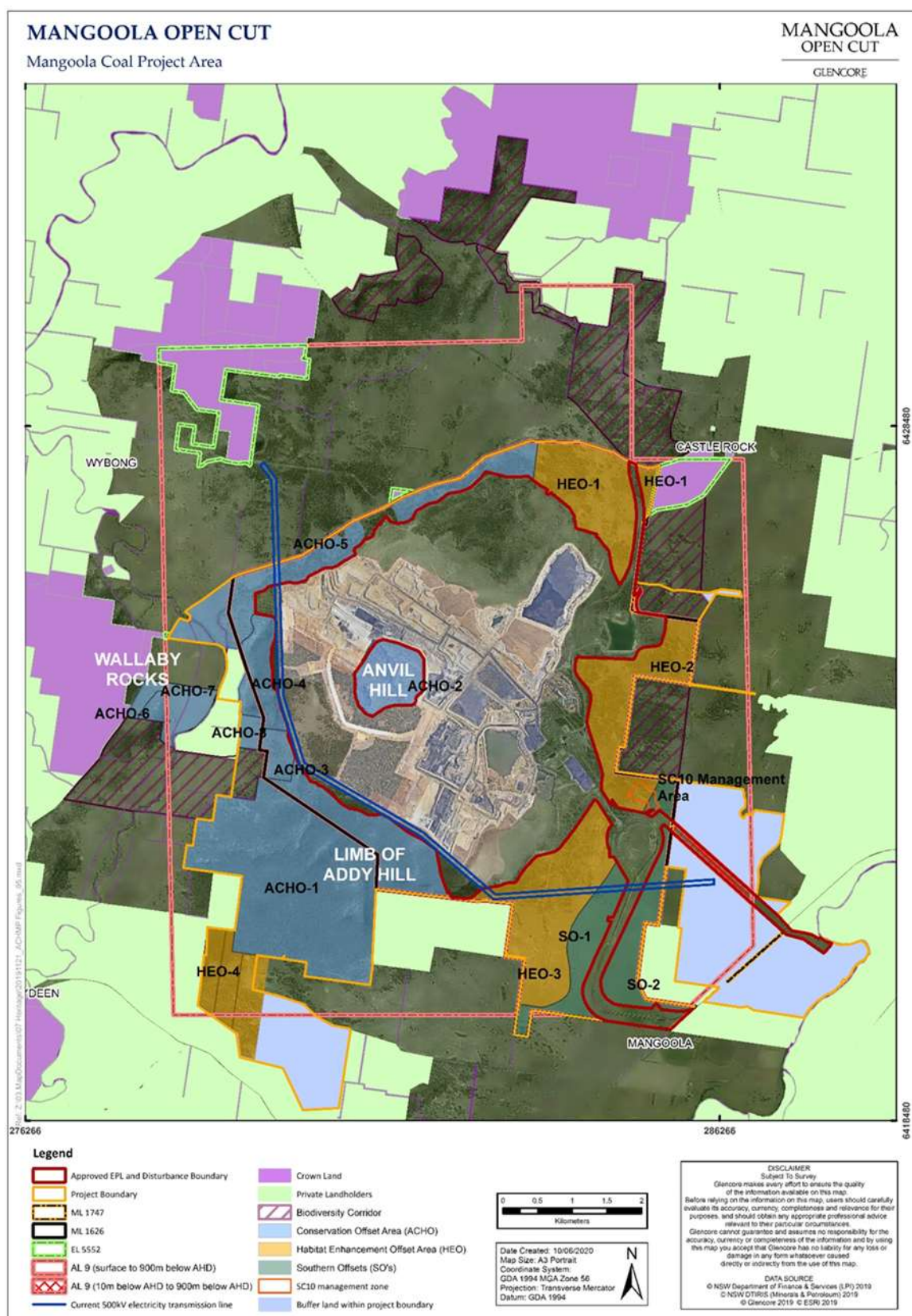


Figure 2 – Mangoola Coal Project Area

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1.2 Purpose and Scope

Condition 41, Schedule 3 of the Mangoola Project Approval requires that an Aboriginal Cultural Heritage Management Plan (ACHMP) is prepared (in consultation with the registered Aboriginal parties and the Biodiversity and Conservation Division of the Department of Industry and Environment (BCD) and implemented for the project.

This ACHMP has been prepared to fulfil the requirements of PA 06_0014 under which Mangoola Coal operates and to fulfil other relevant statutory requirements that are applicable to Mangoola Coal (refer to **Section 1.4**).

This ACHMP applies to all activities undertaken within the Mangoola Coal project area. Mangoola Coal is responsible for implementing all aspects of the ACHMP for the duration of the project and will do this in consultation with the registered Aboriginal parties and a qualified archaeologist, where required.

The ACHMP applies to the Mangoola Coal project area. This is defined as including all land within the approved project disturbance boundary, Aboriginal Cultural Heritage Offset Areas (ACHOAs), SC10 Management Zone, Habitat Enhancement Offset Areas (HEOs), Southern Offset Areas (SO), ecological corridors and buffer land owned by Mangoola Coal within the Mangoola Coal project area as outlined in **Figure 2**.

Activities within Mangoola Coal exploration/assessment leases (outside of the Mangoola Coal project area) are subject to due diligence requirements under the National Parks and Wildlife Act 1974.

1.3 Objectives

The primary objectives of this ACHMP are to provide:

- a salvage program and management plan for all Aboriginal sites within the project disturbance area (refer to Section 3.1);
- a detailed description of the measures that are to be implemented to protect Aboriginal sites outside the project disturbance area, including the 16 Aboriginal rockshelter sites identified in the EA (refer to Section 3.2) ;
- a detailed plan for the management of Aboriginal cultural heritage values of high significance in the offset areas, including managing site SC10 for use by the Aboriginal community for teaching and educational purposes, and maintaining reasonable access to Aboriginal sites (refer to Section 3.6.1);
- a detailed monitoring program for the 16 Aboriginal rockshelter sites identified in the EA (refer to Section 3.6.1.1);
- a description of the measures that would be implemented if any new Aboriginal objects or skeletal remains are discovered during the project (refer to Section 3.5);
- a protocol for the ongoing consultation and involvement of the Aboriginal communities in the conservation and management of Aboriginal cultural heritage on site (refer to Section 2); and
- a detailed procedure for reporting activities undertaken relating to cultural heritage management and reporting of incidents (refer to Section 6, Section 7.1 and Section 7.2).

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1.4 Regulatory Requirements

Aboriginal cultural heritage is protected by several pieces of legislation within NSW as well as Mangoola's project approval. The primary legislation and planning instruments applicable to this ACHMP are the Environmental Planning and Assessment Act 1979 (EP&A Act) and the NSW National Parks and Wildlife Act 1974 (NPW Act).

1.4.1 Project Approval Conditions

Approval for Mangoola Coal was gained under the EP&A Act from the Minister for Planning on 7 June 2007. Since then, eight modifications to PA 06_0014 have been granted. The specific requirements of PA 06_0014 (Schedule 3) that relate to this ACHMP are provided in **Appendix A**.

1.4.2 Environmental Planning and Assessment Act (1979)

The EP&A Act regulates development activity in NSW. Part 3A of the EP&A Act (now repealed) previously applied to projects that were declared to be a 'Major Project' (in accordance with Section 75B of the EP&A Act). PA 06_0014 was issued under Part 3A and modified under Part 75W of the EP&A Act and therefore under Section 75U of the EP&A Act, it is not necessary to obtain a permit under Section 90 of the NPW Act (as discussed below) in relation to approved activities that result in harm to an Aboriginal object. Rather, projects approved under Part 3A of the EP&A Act are subject to conditions of approval issued by DP&E and Aboriginal cultural heritage is addressed by appropriate conditions (as specified in **Section 1.4.1**).

Exploration licences and assessment leases for all resources (prospecting titles) are granted with the objective of encouraging ecologically sustainable development, social responsibility and building economic wealth for the people of NSW. Active and continuous management of environmental performance by a title holder is a critical element of resource exploration as it underpins competent and effective exploration. The Exploration Code of Practice: Environmental Management sets out mandatory requirements about ensuring that exploration manages and minimises risks to the environment. Such codes of practice facilitate the assessment of exploration activities that are consistent with Part 5 of the EP&A Act.

1.4.3 National Parks and Wildlife Act (1974)

The NPW Act is accompanied by the National Parks and Wildlife Regulation 2019 (the Regulation), the Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales, and other industry-specific codes. Under Section 85, the Director-General has authority for the protection of Aboriginal objects in NSW and can dispose of Aboriginal objects that are the property of the Crown in accordance with the wishes of the Aboriginal owners or by transferring them to a person or persons prescribed by the regulations for safekeeping.

In accordance with Section 86(1) of the NPW Act, it is an offence to harm or desecrate a known Aboriginal object, whilst it is also an offence to harm an Aboriginal object under Section 86(2). Similarly, Section 86(4) states that a person must not harm or desecrate an Aboriginal place. Harm to an object or place is defined as any act or omission that:

- a) destroys, defaces or damages an object or place, or
- b) in relation to an object – moves the object from the land on which it had been situated, or
- c) is specified by the regulations, or

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- d) causes or permits the object or place to be harmed in a manner referred to in paragraph
- (a), (b) or (c), but does not include any act or omission that:
- e) desecrates the object or place (noting that desecration constitutes a separate offence), or
- f) is trivial or negligible, or
- g) is excluded from this definition by the regulations.

Section 85A specifies that the Director-General may dispose of Aboriginal objects that are property of the Crown in a number of ways that divest possession, custody or control to Aboriginal owners or to a prescribed person for safekeeping. Section 87(1) of the NPW Act specifies that it is a defence to prosecution under Section 86(1) and Section 86(2) if the harm or desecration of an Aboriginal object was authorised by an Aboriginal Heritage Impact Permit (AHIP) and the activities were carried out in accordance with that permit. As discussed above, the provisions of Part 3A of the EP&A Act overrule the requirement for an AHIP under the NPW Act, with these provisions applying to activities approved under Part 3A only. All other provisions of the NPW Act remain applicable. These include the requirement under Section 89A of the NPW Act that a person who is aware of the location of an Aboriginal object must notify the Director-General of this within a reasonable timeframe.

1.5 Roles and Responsibilities

The relevant roles and responsibilities associated with this management plan are outlined in **Table 1** below.

Table 1 - Roles and Responsibilities

Role	Responsibility
Operations Manager	<ul style="list-style-type: none"> responsible for providing adequate resources for the implementation of this ACHMP.
Environment Site Representative	<ul style="list-style-type: none"> responsible for coordinating the day to day implementation of this ACHMP in consultation with registered Aboriginal parties and for the periodic review of this ACHMP; will ensure that personnel involved in monitoring of the Aboriginal sites and values are provided a safe working environment; and engage a suitably qualified archaeologist and Aboriginal party representatives to provide expertise and undertake work if required.
All employees and contractors	<ul style="list-style-type: none"> undertake all activities in accordance with this plan; and report all potential and actual Aboriginal cultural heritage sites and/or incidents associated with their activities immediately.

2. Consultation

Consultation with registered Aboriginal parties has been ongoing throughout the initial project approval and current mining operations. A full list of the registered Aboriginal parties listed for Mangoola is presented in **Appendix B**.

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A copy of the draft ACHMP document with administrative updates to reflect the execution of Care Agreement C0003885 was provided to all registered Aboriginal parties on 18 December 2019, with an invitation to provide comment within a 28 day period. No written feedback was received and follow up phone calls made through late January and early February 2020 with no objections to the proposed updates to the plan.

In addition to consultation with the registered Aboriginal parties, consultation with BCD was undertaken through the DPIE portal. Comments received from BCD on 14 May 2020 (Ref: DOC20/185438-4) have been addressed and included into this Management Plan.

3. Aboriginal Cultural Heritage Management Strategy

The management strategies for Aboriginal cultural heritage at Mangoola Coal are divided into four broad categories as demonstrated below (**Figure 3**).

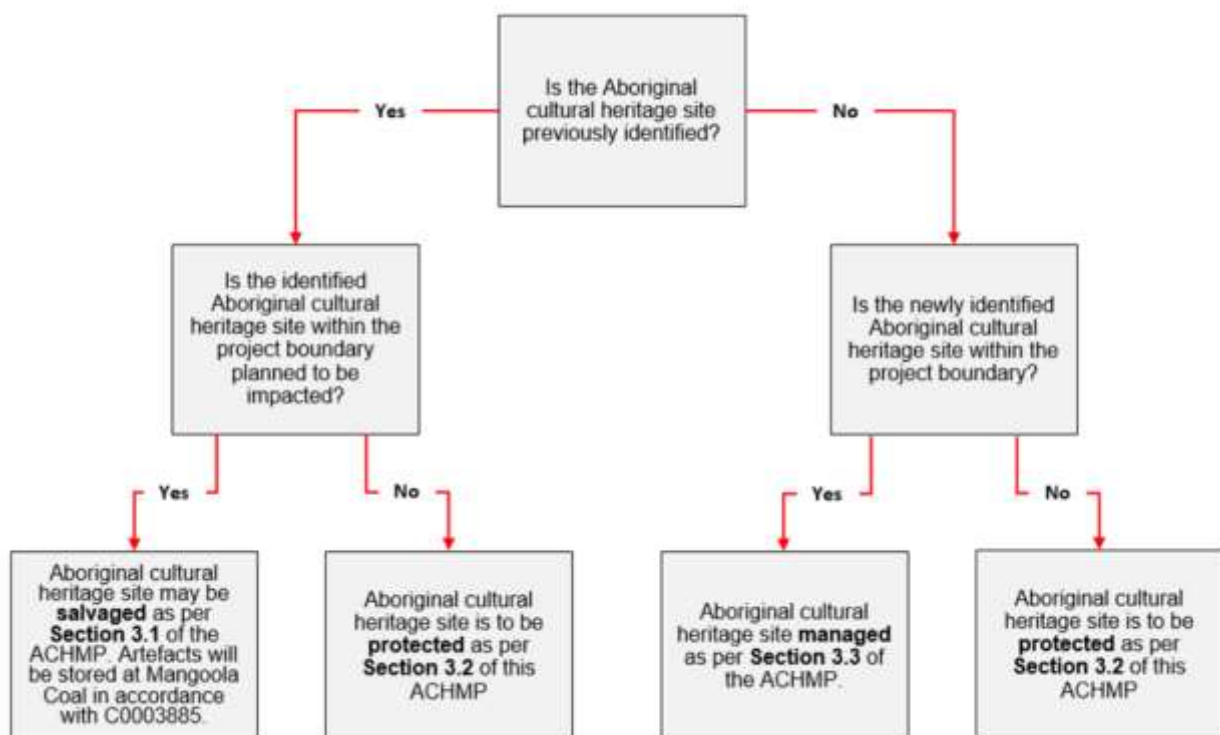


Figure 3 - High level management of Aboriginal cultural heritage categories

3.1 Management of previously identified Aboriginal archaeological Sites within the Approved Project Boundary

Previously Salvaged

As shown in **Figure 4** and depicted in **Appendix C**, known sites within the approved project disturbance boundary and previously identified sites with unavoidable impacts within the approved 500kV ETL alignment have been subject to salvage in accordance with relevant project approvals, as described in the following salvage reports:

- Umwelt (Australia) Pty Limited, 2011, Cultural Heritage Works Conducted Under AHIP#3220/110275, Denman to Mangoola 66kV Transmission Line. Report prepared for Xstrata Mangoola Pty Limited.
- Umwelt (Australia) Pty Limited, 2013, Mangoola Coal Aboriginal Archaeological Salvage Program. Report prepared for Mangoola Coal Operations Pty Limited.
- Umwelt (Australia) Pty Limited, 2014, Report on Cultural Heritage Works Conducted as part of PA 10_0002, ETL Relocation at Mangoola Coal. Report prepared for Mangoola Coal Operations Pty Limited.

A total of 157 sites have been subject to salvage activities, including five sites that have been subject to partial salvage and two sites subject to partial temporary salvage with the artefacts returned following the completion of works.

The artefacts that have been previously salvaged have been relocated back to Mangoola Coal and stored in accordance with the Care and Control Agreement (C0003885). Further information regarding this agreement can be found in **Section 4**.

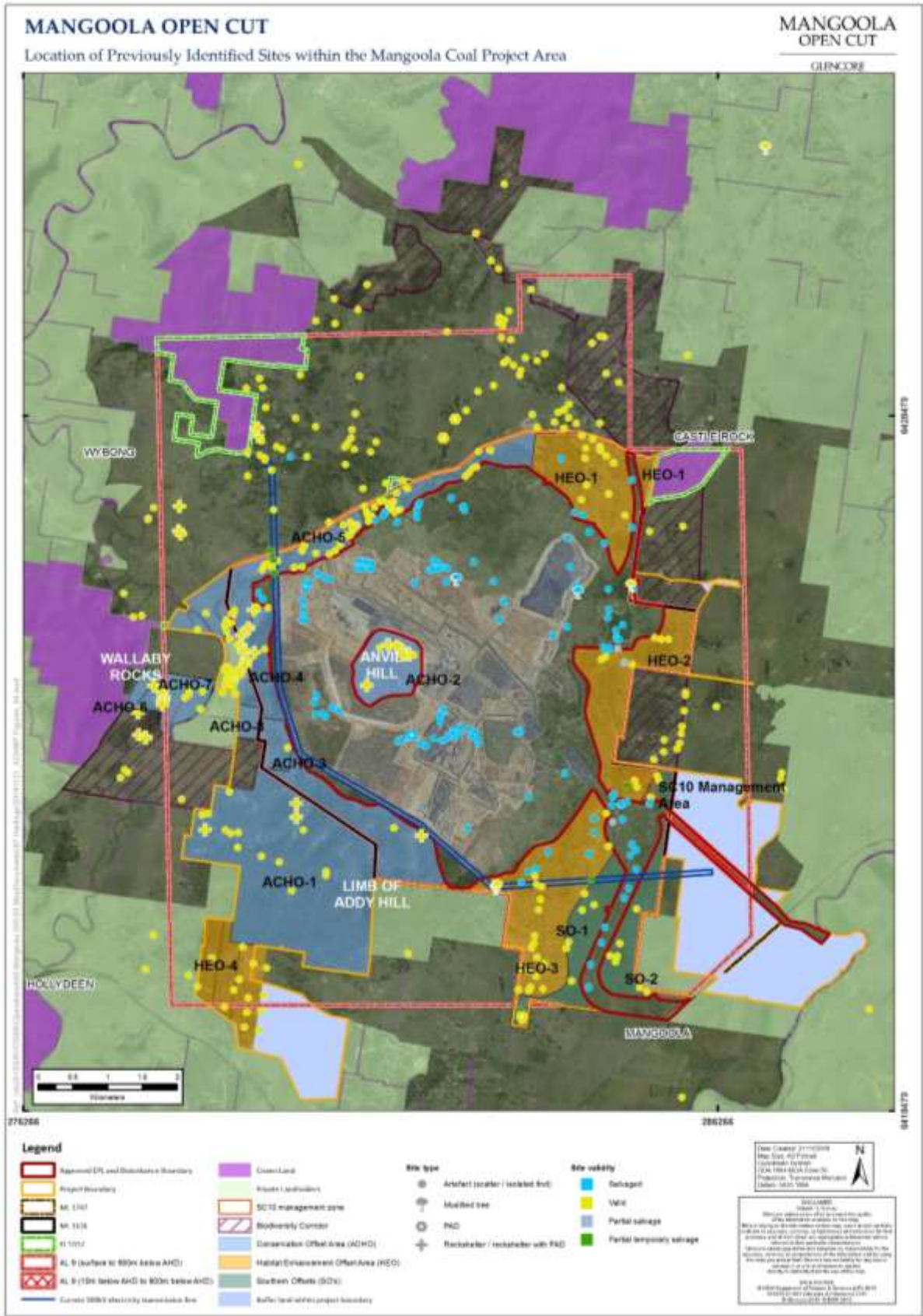


Figure 4 – Location of previously identified cultural heritage sites around Mangoola

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3.2 Management of previously identified Aboriginal archaeological sites within offsets, corridors, exploration/assessment leases and buffer land

There are a total of >200 sites located within the Mangoola Coal project area but outside the approved project disturbance boundary (**Figure 4**). These include sites located within the ACHOAs, SC10 Management Zone, HEOs, SOs, corridors, exploration/assessment leases and other buffer land and comprise a range of sites such as artefact scatters, isolated artefacts, scarred trees and rockshelters and stratified PADs.

Management strategies for sites to which this situation applies are also provided in **Section 3.2.1**, below. Where impacts to sites outside the approved project disturbance boundary are required but the impacts are related to activities that are outside the project approval, it will be necessary to determine the required approvals pathway in consultation with the appropriate regulatory agency. Sites will be managed in-situ until this can be determined.

3.2.1 Management Methods

All previously identified sites are listed on the Mangoola Coal Aboriginal archaeological sites layer that forms part of the internal GIS system. Prior to any disturbance activities, a Ground Disturbance Permit (GDP) will be completed, whereby the Environment and Community (E&C) Department review the potential of the proposed activities impacting any known Aboriginal archaeological sites at Mangoola.

An identified Aboriginal archaeological site will be protected through suitable demarcation where a GDP assessment identifies that the proposed activity has potential to impact but that impact is avoidable.

Demarcation will be undertaken in accordance with the methodology provided below.

- the known Aboriginal archaeological site area and immediate surrounds will be inspected and all surface artefacts are flagged to allow clear identification of artefact distribution.
- the distribution of the artefacts will be considered in order to determine the minimum area around the site that should be fenced to ensure protection.
- where demarcations are to remain in place following the cessation of works, fences are signed as cultural heritage sites and contact details for Mangoola Coal Operations are to be provided.

Although protection through demarcation should be the first action, situations may arise whereby impacts cannot be avoided. **Figure 5** outlines the appropriate steps where a GDP identifies impacts a proposed disturbance to an isolated artefact or artefact scatter within the approved disturbance boundary cannot be avoided.

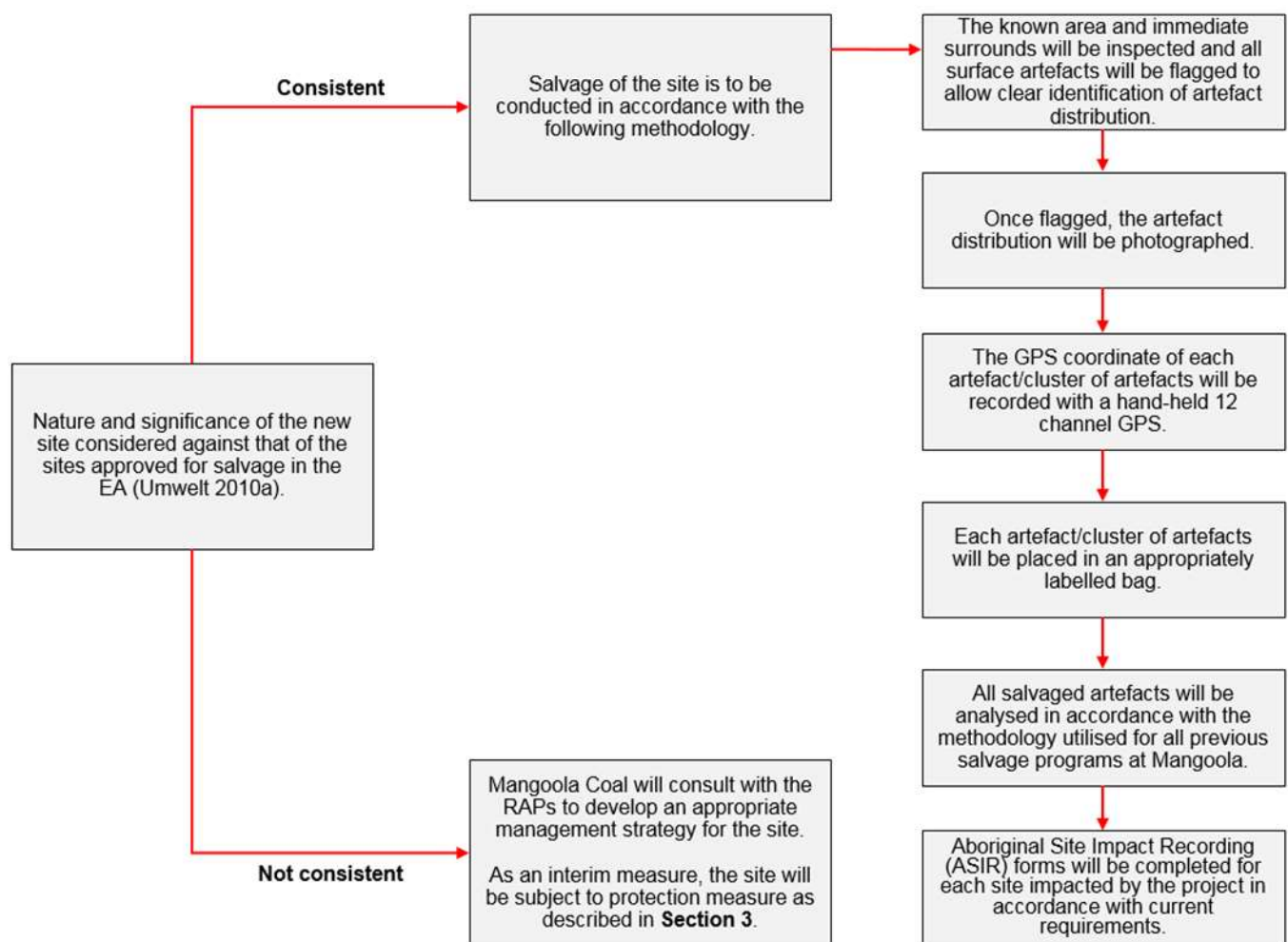


Figure 5 – Determining appropriate management strategy when impact to artefact scatters within the approved disturbance boundary is unavoidable

For previously identified Aboriginal archaeological sites on buffer lands (including exploration/assessment leases) outside of the project boundary or approved offsets as shown in **Figure 2**, the due diligence process advocated in the National Parks and Wildlife Regulation 2019 applies. This due diligence process is captured through the GDP process. Should any impacts be required, disturbance must only occur under an approved AHIP.

3.2.2 Specific management requirements for Aboriginal archaeological sites within ACHOAs/SC10

In accordance with Project Condition 41(c) (2), sites located outside the approved project disturbance area, but within lands owned/managed/subject to activities conducted by Mangoola Coal Operations,

should be protected. The Statement of Commitments (6.9.64), previously appended to PA06_0014, identifies that 98 identified sites (as recorded in Umwelt 2006) within the ACHOAs/SC10 Management Zone offset areas will be conserved. These sites will continue to be managed in-situ.

The exception to the limitation of salvage of artefact scatters/isolated artefacts within the ACHOAs/SC10 Management Zone is in the instance that the artefact scatter/isolated artefact is located on an existing road or track and is not one of the 98 sites listed in the EA. In this instance Mangoola Coal Operations will consult with the registered Aboriginal parties regarding appropriate management options for the site, potentially including moving the artefacts off the track or undertaking salvage in accordance with the surface collection methodology provided in **Section 3.1**.

3.3 Management of newly identified Aboriginal archaeological sites within the Project Boundary

The following sections outline the management strategies to be adhered to in the event that any new sites are identified within the approved Mangoola project boundary.

3.3.1 Management Methods

Irrespective of the type of Aboriginal archaeological site, should a newly identified site be discovered within the project disturbance boundary, all approved works within the immediate vicinity of the previously unknown site will cease immediately and the E&C Department contacted (refer to Figure 6).

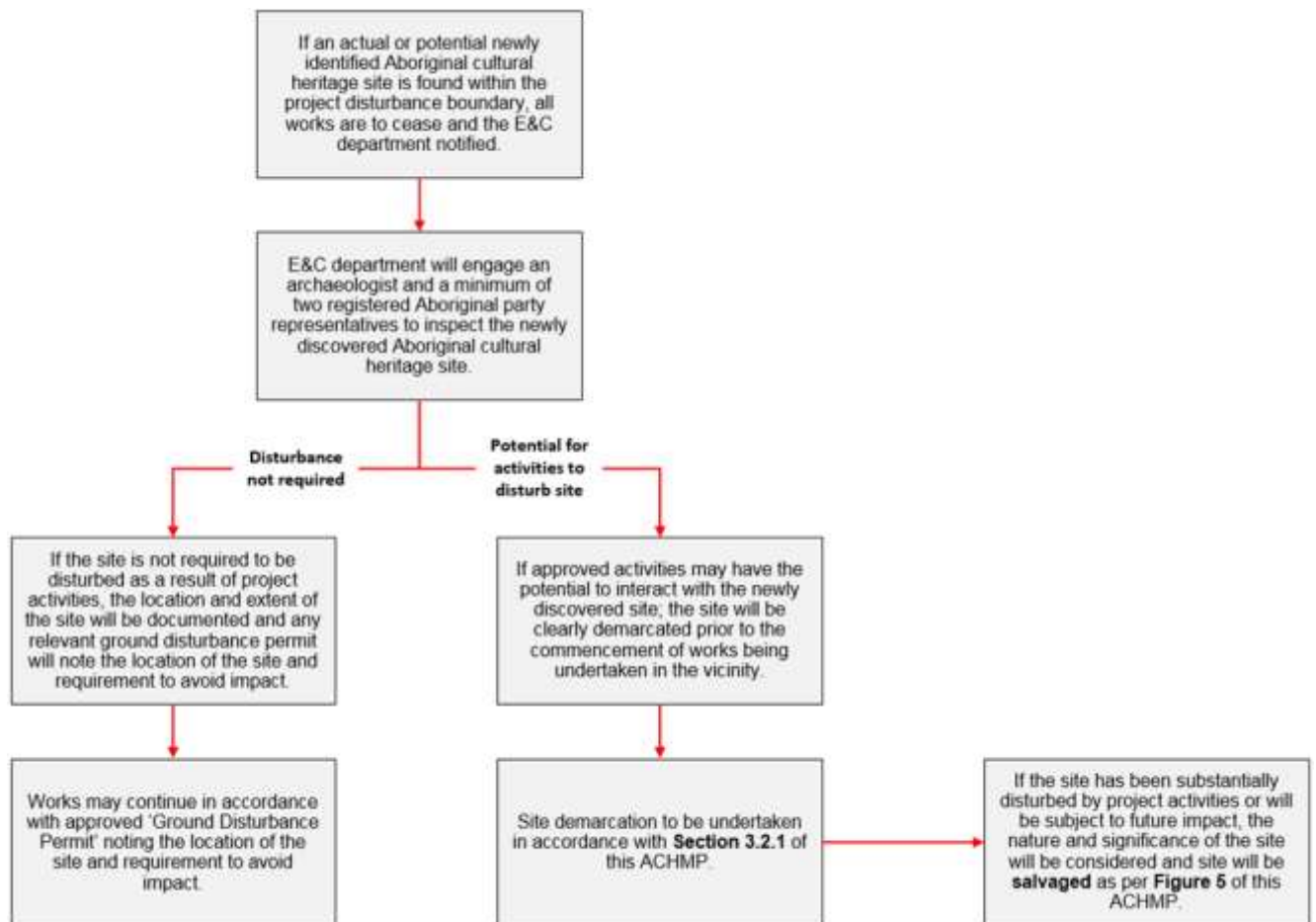


Figure 6 - Process to address newly identified Aboriginal archaeological sites

If a potential scar tree is discovered, **Figure 7** outlines the process to be followed which includes the provision for a qualified arborist if required.

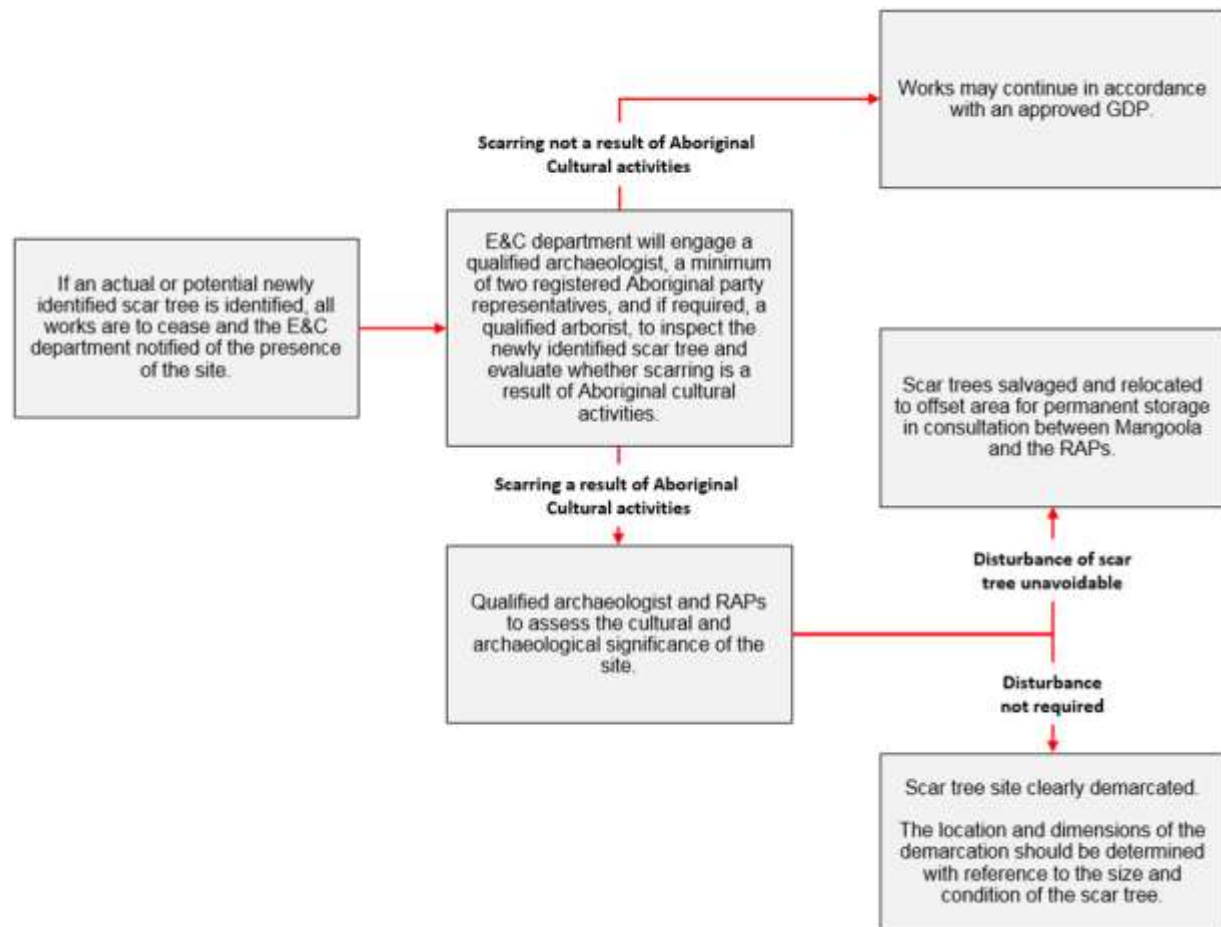


Figure 6 - Process to manage newly identified scar trees

If consultation determines that a scarred tree removal is required, the following actions may be undertaken:

- Upper branches/limbs of tree pruned by arborist where required to ensure stability of tree during transport (based on advice from arborist).
- Protective measures (such as the use of padding or placement of a protective structure) put in place for above-ground areas of tree to prevent incidental damage during removal.
- Excavation undertaken around the roots of the tree to release as much of the root ball as possible. Excavation primarily undertaken mechanically, with some hand excavation immediately adjacent to the tree.
- Based on advice from arborist, roots trimmed in a manner that maximises the potential to use the roots as a stable base for the tree once removed (where feasible).
- Once excavation and trimming completed, tree is removed using suitable equipment and protective structures (as recommended by arborist, in consultation with registered Aboriginal party representatives).
- Once removed, tree is transported to new location within offset area.

Due to the topography and geology within the project boundary and the targeted nature of survey activity during Aboriginal archaeological assessments undertaken within this area, no additional rockshelters should be present within the approved project boundary.

All new sites (regardless of site type and whether or not they fall within the project area) will be recorded in accordance with BCD requirements, including submission of a site card to BCD in accordance with Section 89A of the NPW Act. In addition, all new sites are listed on the Mangoola Coal Aboriginal archaeological sites layer that forms part of the internal GIS system. These records are updated routinely and checked prior to the issuing of any on-site approval for ground disturbance works.

3.4 Management of newly identified Aboriginal archaeological sites within offsets, corridors, exploration/assessment leases and buffer lands

The following sections outline the management strategies to be adhered to in the event that any previously unknown sites are identified within offset areas, corridors, and buffer lands within the project boundary outlined in **Figure 2**.

3.4.1 Management Methods

Aboriginal cultural heritage sites located within offsets, corridors and buffer lands within the project boundary should be protected. It is, however, possible that instances may arise where impacts to sites outside the project boundary and the ACHOAs/SC10 Management Zone (within which sites are protected) are specifically required to ensure compliance with project approval conditions and/or the requirements of other management plans and where these activities can be conducted in accordance with the project approval. Management strategies for sites to which this situation applies are also provided below.

Where impacts to sites outside the project area are required and the impacts are related to activities that are outside the project approval, it will be necessary to determine the required approvals pathway in consultation with the appropriate regulatory agency. Sites will be managed in-situ until this can be determined.

All new sites will be registered on the Aboriginal Heritage Information Management System (AHIMS), which is maintained by BCD and will be included on the Mangoola Coal Aboriginal archaeological sites layer that forms part of the internal GIS system. Registering new site in this database allows for future due diligence checks to be carried out as per the Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW to ensure proposed activities do not cause harm to Aboriginal objects unless authorised by a project approval or AHIP.

ACHOAs and SC10 Management Area

Artefact scatters and isolated artefacts within the ACHOAs/SC10 Management Zone shall not be salvaged, unless in the instance that the artefact scatter/isolated artefact is located on an existing

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road or track and is not one of the 98 sites listed in the project EA (Umwelt 2010). In this instance Mangoola Coal Operations will consult with the registered Aboriginal parties regarding appropriate management options for the site, potentially including moving the artefacts off the track or undertaking salvage in accordance with the methodology provided above (**Section 3.1**).

If the site is confirmed as an Aboriginal scarred tree and is located within ACHOAs/SC10 Management Zone, it will not be impacted and will be subject to protection.

A stratified PAD is defined as an area that is predicted as moderately to highly likely to contain archaeological material in an undisturbed sub-surface context; that is where the archaeological material remains in or near its original area of discard. In other areas, subsurface archaeological material may be predicted that has been subject to high levels of disturbance resulting in a loss of stratigraphic integrity and thus does not meet the criteria for stratified PAD. It is noted that a PAD is not considered to be a site until it is confirmed to contain Aboriginal objects (which will generally require the completion of sub-surface investigations). Where a stratified PAD is identified within the ACHOAs/SC10 Management Zone, impacts within the area of stratified PAD will be avoided. The site will be left to self-vegetate.

HEOs, SOs, corridors and buffer land (including exploration/assessment leases)

All Aboriginal archaeological sites located outside the approved project boundary should be protected as the first action.

Unless specifically required to ensure compliance with project approval conditions and/or the requirements of other management plans, all Aboriginal sites (scatter and isolated artefacts, scarred trees, stratified PADs) within HEOs, SOs, corridors and buffer lands (including exploration/assessment leases) shall not be disturbed without the appropriate approval. As outlined, in the cases where disturbance is required to achieve compliance to project approvals or other approved management plans, Mangoola Coal Operations will consult with the registered Aboriginal parties and BCD to develop an appropriate management strategy for these sites. For scarred trees, these will involve the proposal to relocate scar trees to HEO-1 where other scar trees have been relocated to in the past, with the process for relocation specified in **Figure 7**.

For newly identified Aboriginal archaeological sites on buffer lands (including exploration/assessment leases) outside of the project boundary or approved offsets as shown in **Figure 2**, the due diligence process advocated in the National Parks and Wildlife Regulation 2019 applies. This due diligence process is captured through the GDP process. Should any impacts be required, disturbance must only occur under an approved AHIP.

3.5 Management of potential human skeletal remains

In the unlikely event that a potential burial site or potential human skeletal material is exposed within the Mangoola Coal project area (including within the approved project boundary), the following procedure (**Figure 8**) shall be followed in accordance with requirements 17 and 25 of the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW10).

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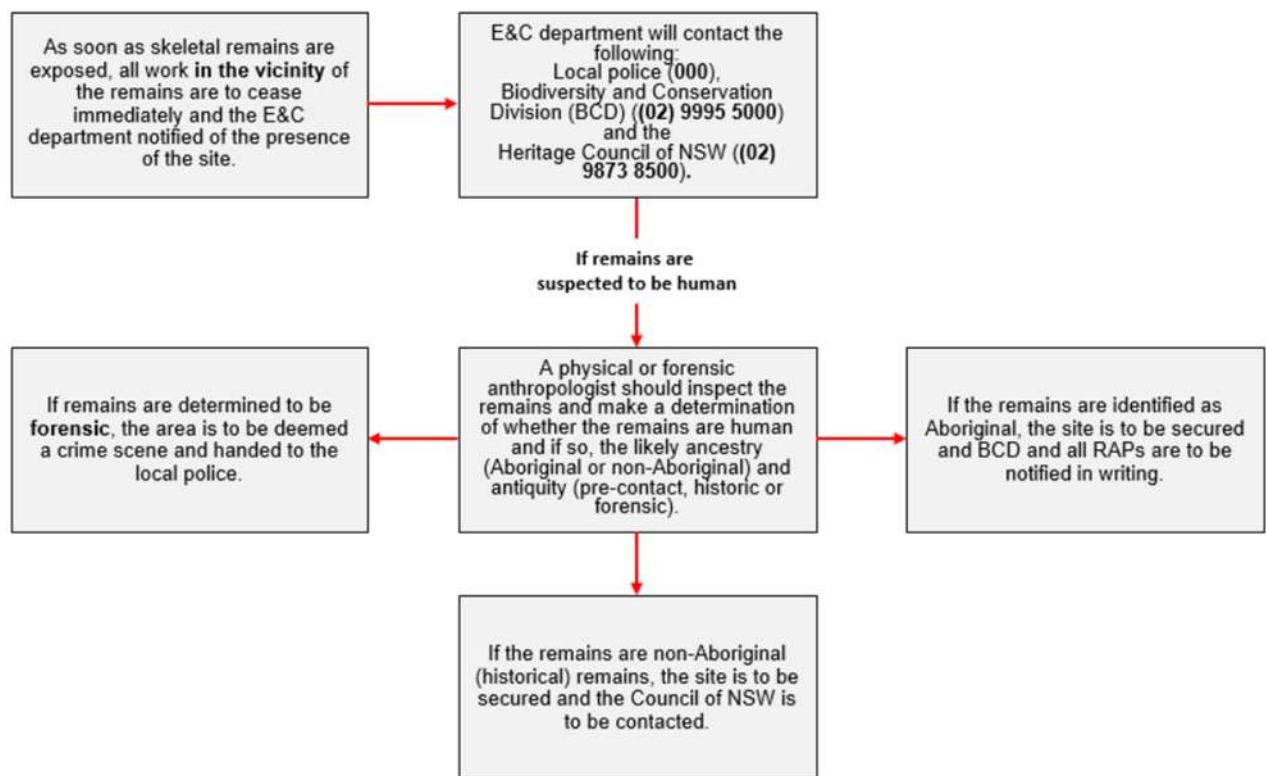


Figure 8 - Process for managing the discovery of skeletal remains

The above process functions only to appropriately identify the remains and secure the site. From this time, the management of the remains is to be determined through liaison with the appropriate stakeholders (including the NSW Police Force, forensic anthropologist, BCD, Heritage Branch and registered Aboriginal parties) and in accordance with the *Public Health Act 1991*.

3.6 Management of Offset Areas

Mangoola Coal Operations is responsible for managing offset associated with the mining operations. These areas include HEO areas, SO areas and designated corridors designed to provide vegetated connectivity to areas outside the Mangoola Coal project area. In accordance with Project Approval Schedule 3, Condition 37, Mangoola Coal Operations is required to make suitable arrangements to provide appropriate long-term security for these offset areas to the satisfaction of the Secretary.

In accordance with Project Approval Condition 41 (c) (2&3), Mangoola Coal Operations is required to identify measures that are implemented to protect Aboriginal sites located within these areas and to provide a detailed plan for the management of Aboriginal cultural heritage values of high significance within these areas. This must be done in a manner that recognises that Mangoola Coal Operations will be required to undertake activities within these areas in order to ensure compliance with other approval conditions and the requirements of other management plans. This encompasses a range of activities including (but not limited to):

- Installation/maintenance of fencing and signage;

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- Bushfire hazard reduction;
- Regeneration/rehabilitation of native vegetation communities;
- Erosion control;
- Water management;
- Maintenance of existing roads, drains or fences;
- Feral animal and weed control; and
- Rehabilitation activities.

In relation to bushfire hazard management, cool burns are a preferred management strategy identified by Aboriginal parties during ongoing consultation as involving minimal ground disturbance, resulting in limited impacts to archaeological sites and representing a traditional means of landscape management. Similarly, it is recognised that the regeneration/rehabilitation of native vegetation communities is broadly in accordance with Aboriginal cultural responsibilities regarding caring for country. Further to this, Project Approval Condition 39 (d) requires that any potential conflicts between the proposed enhancement works in the Biodiversity Offset Strategy and Aboriginal cultural heritage values (both cultural and archaeological) are managed.

In many instances, it is necessary to undertake some level of ground disturbance works in order to complete the activities discussed above. Mangoola Coal Operations will ensure that due consideration is given to minimising the impacts of such activities within the offset areas in recognition of the Aboriginal cultural and archaeological values of these areas. However, where the completion of these activities requires ground surface disturbance works (specifically excluding ongoing use of existing access tracks) in areas that have not previously been subject to a cultural heritage inspection, Mangoola Coal Operations will provide the opportunity to inspect the area to at least two representatives of the registered Aboriginal parties and a qualified archaeologist.

The inspection should be undertaken to identify whether Aboriginal archaeological sites are located within the area subject to ground surface disturbance. Works will then be undertaken in accordance with an approved GDP.

3.6.1 Management of Aboriginal Cultural Heritage Offset Areas/SC10 Management Zone

Any new sites identified within the ACHOAs/SC10 Management Zone through this process will be managed in accordance with procedures identified in **Section 3.4**. In relation to rehabilitation works within the specified boundary of a site/stratified PAD, these sites will be left to self-regenerate.

The exception to the above is where sites are identified on existing roads within ACHOAs/SC10 Management Zone. Mangoola Coal Operations will consult with the registered Aboriginal parties regarding appropriate management options for the site, potentially including moving the artefacts off the track or undertaking salvage in accordance with the relevant surface collection mechanisms incorporated in **Section 3.2.1**).

3.6.1.1 Monitoring of ACHOAs and SC10 Management Zone

Annual inspections of the ACHOAs and SC10 Management Zone will be undertaken to ensure that these areas and the sites they contain are not adversely affected by mining activities and to monitor the effects of activities required under other management plans. A blast monitoring program (as outlined in the Mangoola Coal Blast Management Plan) is in place to manage the impacts of blasting

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(including ground vibration) at 20 rockshelter sites (16 of which are referenced in the Project Approval, with an additional 4 identified during subsequent inspections).

As part of this process, rockshelter sites within the ACHOAs bordering the project disturbance boundary have been subject to annual monitoring by Aboriginal parties (in association with an archaeologist) to examine the condition of these sites both prior to and following the commencement of blasting (as reported in Umwelt 2013). During the annual monitoring of the ACHOAs/SC10 Management Zone, the opportunity will continue to be provided to monitor the condition of rockshelters within the ACHOAs. The sites may be included within the annual offset monitoring as required.

Annual monitoring will be conducted over a maximum of four days and the opportunity to participate in monitoring will be provided to at least two registered Aboriginal party representatives. The annual monitoring will allow the participating registered Aboriginal parties and Mangoola Coal Operations to consider the condition of each ACHOA and the SC10 Management Zone and identify the need for any additional protective measures, if required. Comparative photo monitoring will form an integral part of the annual monitoring reports to visually capture any significant changes. Examples of which are displayed in **Figure 9** below.

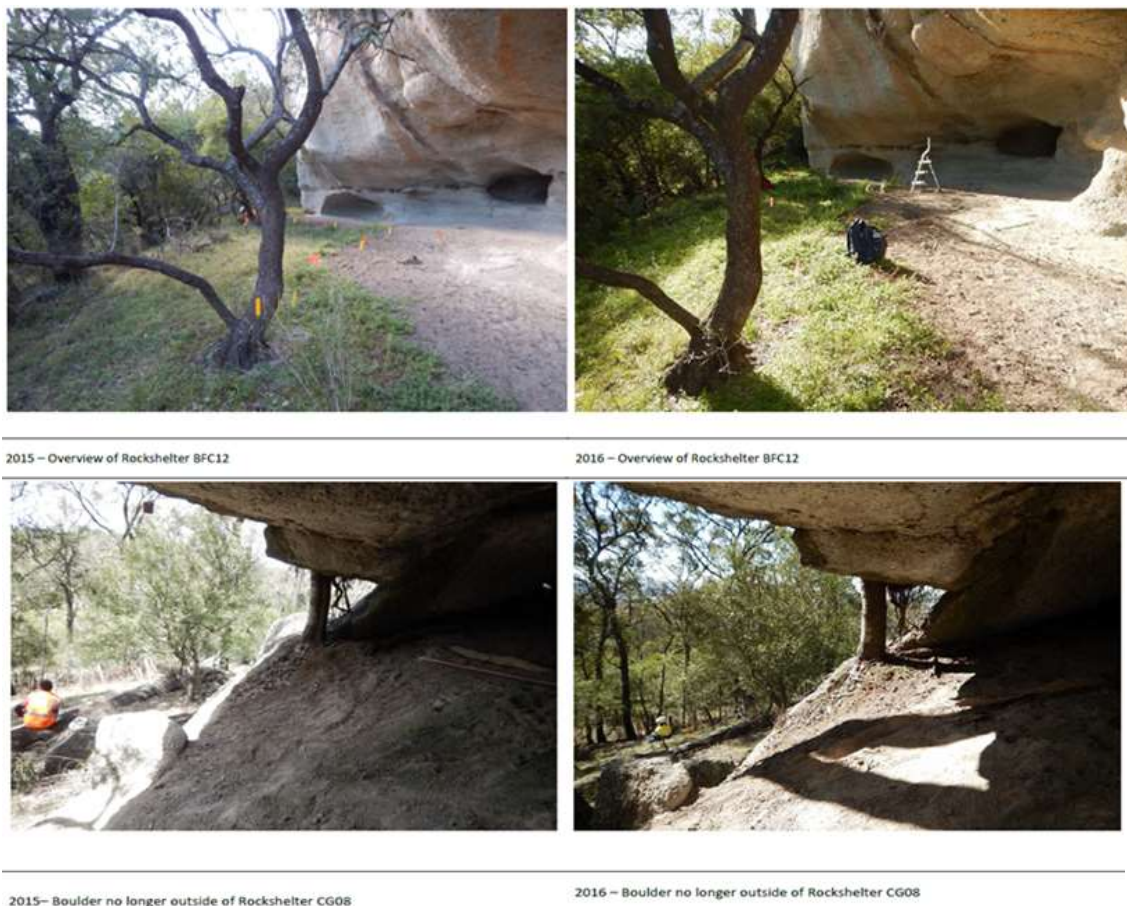


Figure 9 - Rockshelter photo monitoring from annual ACHOA and SC10 inspection report

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3.6.2 Access to Offset Areas for Teaching Purposes and Research including stored artefacts

Mangoola Coal Operations will provide supervised access for registered Aboriginal parties to visit sites located within the offset areas including the artefact storage container (in accordance with Care and Control Agreement C0003885) for teaching and research purposes.

Visitors will be supervised by a representative of Mangoola Coal Operations or their delegate. Access for archaeological research purposes, or other activities, will be considered upon application. Access to some areas will be restricted during periods when mining is in progress in adjoining areas/access routes (for safety reasons).

4. Care of Salvaged Artefacts

Mangoola submitted an *Application for the transfer of Aboriginal objects for safekeeping* to OEH in June 2018. Following OEH's consideration and review, Mangoola executed the agreement (Care Agreement C0003885) on 19 July 2019, with arrangements made for the salvaged artefacts to be returned to site for safekeeping in accordance with the Care Agreement. The artefacts were returned to Mangoola in November 2019 for interim storage for the life of mine, the storage location is outlined in **Figure 10**. Copies of the executed Care Agreement were sent to the registered parties as per the required timeframes of the agreement, the agreement is also available publically on the Mangoola Coal website.

At the end of mining the location and type of final repository for the salvaged artefacts will be the subject of further consultation with relevant Aboriginal parties and BCD. Any such arrangements will be determined with reference to Section 85 of the NPW Act and the requirements outlined in the Code of Practice for Archaeological Investigation of Aboriginal objects in New South Wales (Section 3.7 of the Code of Practice). This may include the requirement for a Care Agreement to be submitted and endorsed by BCD for final artefact care arrangements.



Figure 10 - Artefact Storage Location (Lockable Shipping Container)

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5. Training

Training is provided to all relevant Mangoola Coal Operations employees and contractors in relation to the management of Aboriginal Cultural Heritage on site. Training may include the following:

- site inductions for all relevant employees and contractors working at Mangoola Coal Operations;
- targeted training for selected employees; and
- communication sessions, tool box talks.

6. Incident Management

Incidents involving Aboriginal cultural heritage items/sites are reported at Mangoola Coal Operations in accordance with the internal and external reporting procedure contained within the *Mangoola Open Cut Environmental Management Strategy* and the requirements contained in Schedule 5, Condition 4 of PA06_0014.

7. Reporting and Reviews of ACHMP

7.1 Reporting on salvage works conducted in accordance with ACHMP requirements

Following salvage of any artefacts in accordance with the procedures identified in **Section 3.1**, the artefacts will be temporarily removed from the Mangoola area and kept in a secure facility (lockable building or similar) whilst subject to analysis. Artefact analysis will be conducted in accordance with the methodology approved for previous artefact salvage programs undertaken by Umwelt at Mangoola Coal Operations. A report will be formulated that provides the results of the approved salvage works, including the results of artefact analysis. The report will be provided to BCD and the relevant Aboriginal parties within 2 years of completion of salvage works, as specified in the approved ACHMP. Reporting works will also include the completion of Aboriginal Site Impact Recording (ASIR) cards for all sites salvaged within the project area, in accordance with current requirements. Following the artefact analysis, the artefacts will be returned to Mangoola for interim on-site storage for the Life of Mine.

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7.2 Annual Review

It is intended that the Aboriginal cultural heritage component of the Annual Review will provide a summary of cultural heritage works undertaken in accordance with ACHMP during the reporting period in accordance with project approval requirements (Schedule 5, Condition 6 of PA 06_0014).

7.3 ACHMP Review

The ACHMP will be subject to review at a minimum period of every three years as per Schedule 5, Condition 3 of the Project Approval. Additionally, more frequent review may be required under Schedule 5, Condition 9 of the PA06_0014.

7.4 Access to Management Plans and Reporting

All registered Aboriginal parties will receive communication with regards to revisions and updates to the ACHMP, additional Aboriginal cultural heritage assessment reports, site monitoring reports at the Annual Cultural Heritage Consultation Meeting. Under Schedule 5, Condition 11 of the project approval, a summary of annual performance will be document in the Annual Review on the Mangoola website (<http://www.mangoolamine.com.au/en/Pages/home.aspx>).

8. 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.

8.1 Related Documents

Related documents, listed in Table 2 below, are internal documents directly related to or referenced from this document.

Table 2 - Related documents

Number	Title
GCAA-6253748177-102266	Regional Asset HSEC Protocol for 11.21 Aboriginal Cultural Heritage - NSW
MANOC-1772150304-3505	Biodiversity and Offset Management Plan
MANOC-1772150304-4412	Blast Management Plan
CAA HSEC PER 0004	Ground Disturbance Permit

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Number	Title
Care Agreement C0003885	Care agreement for the safekeeping of salvaged Aboriginal cultural heritage artefacts

8.2 References

Australian Heritage Commission. 2002. Ask First. A guide to respecting Indigenous heritage places and values.

Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales (DECCW, 2010).

Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales (DECCW, 2010).

Environmental Planning and Assessment Act 1979 (NSW).

Exploration Code of Practice: Environmental Management (DPE/DRG, 2017)

National Parks and Wildlife Act 1974 (NSW).

National Parks and Wildlife Regulation 2019 (NSW).

Public Health Act 1991 (NSW).

Umwelt (Australia) Pty Limited. 2006. Anvil Hill Project Environmental Assessment. Report prepared for Centennial Hunter Pty Limited.

Umwelt (Australia) Pty Limited. 2010 Aboriginal Cultural Heritage and Archaeological Assessment – Proposed Mine Plan Modification Mangoola Coal. Report prepared for Xstrata Mangoola Pty Limited.

Umwelt (Australia) Pty Limited. 2011 Cultural Heritage Works Conducted Under AHIP#3220/110275, Denman to Mangoola 66kV Transmission Line. Report prepared for Xstrata Mangoola Pty Limited.

Umwelt (Australia) Pty Limited. 2013 Cultural Heritage Monitoring of Rockshelter Sites Within the Aboriginal Cultural Heritage Offset Areas, Mangoola Coal Mine, Wybong, NSW. Report prepared for Mangoola Coal Operations Pty Limited.

Umwelt (Australia) Pty Limited. 2013. Mangoola Aboriginal Archaeological Salvage Program Report. Report prepared for Mangoola Coal Operations Pty Limited.

Umwelt (Australia) Pty Limited. 2014. Report on Cultural Heritage Works Conducted as part of PA 10_0002, ELT Relocation at Mangoola Coal. Report prepared for Mangoola Coal Operations Pty Limited.

Umwelt (Australia) Pty Limited. 2019. Mangoola Coal Continued Operations Project Aboriginal Cultural Values Assessment Report. Report prepared for Mangoola Coal Operations Pty Limited.

Appendix A - PA 06_0014 Project Approval Conditions

Condition	Requirement	Section
Schedule 3, Condition 15 (b)	The Proponent must: (b) ensure the blasting on the site does not damage Aboriginal rock shelter sites, Anvil Rock and "The Book" rock formation. to the satisfaction of the Secretary.	3.6.1.1
Schedule 3, Condition 41	<p>The Proponent shall prepare and implement an Aboriginal Cultural Heritage Management Plan to the satisfaction of the Secretary. This plan must:</p> <p>(a) be prepared in consultation with OEH and the Aboriginal communities;</p> <p>(b) be submitted to the Secretary for approval prior to the disturbance of any Aboriginal object or site; and</p> <p>(c) include a:</p> <ul style="list-style-type: none"> detailed salvage program and management plan for all Aboriginal sites within the project disturbance area; detailed description of the measures that would be implemented to protect Aboriginal sites outside the project disturbance area, including the 16 Aboriginal rockshelter sites identified in the EA; detailed plan for the management of Aboriginal cultural heritage values of high significance in the offset areas (see condition 34 above), including managing Site SC10 for use by the Aboriginal community for teaching and educational purposes, and maintaining reasonable access to Aboriginal sites; detailed monitoring program for the 16 Aboriginal rockshelter sites identified in the EA; description of the measures that would be implemented if any new Aboriginal objects or skeletal remains are discovered during the project; and protocol for the ongoing consultation and involvement of the Aboriginal communities in the conservation and management of Aboriginal cultural heritage on the site. <p><i>Note: The 16 Aboriginal rockshelter sites include sites AC38, AC42, BFC12, CG01, CG08, CG09, CG10, WC05, WC25, WC26, WC27, WC33, WC43, WC45, WC46 and WC47, as shown on the figure in Appendix 6.</i></p>	<p>2 1.2</p> <p>3.1 and 3.3 3.2</p> <p>3.6.1</p> <p>3.6.1.1</p> <p>3.2, 3.4 and 3.5 2</p>
Schedule 5, Condition 3	<p>The Proponent must ensure that the management plans required under this approval are prepared in accordance with any relevant guidelines, and include:</p> <p>(a) detailed baseline data (where available);</p> <p>(b) a description of:</p> <ul style="list-style-type: none"> the relevant statutory requirements (including any relevant approval, license or lease conditions); any relevant limits or performance measures/criteria; 	<p>1.1/3.1 1.4/3.6.1.1</p>

Condition	Requirement	Section
	<ul style="list-style-type: none"> the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the project or any management measures; <p>(c) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits or performance measures/criteria;</p> <p>(d) a program to monitor and report on the:</p> <ul style="list-style-type: none"> the impacts and environmental performance of the project; effectiveness of any management measures (see (c) above); <p>(e) a program to investigate and implement ways to improve the environmental performance of the project over time;</p> <p>(f) a protocol for managing and reporting any:</p> <ul style="list-style-type: none"> incidents; complaints; non-compliances with statutory requirement; and exceedances of the impact assessment criteria and/or performance criteria; and <p>a protocol for periodic review of the plan.</p>	<p>3.2/3.3</p> <p>3.6.1.1</p> <p>2</p> <p>6</p> <p>7.3</p>
Schedule 5, Condition 4	The Proponent must immediately notify the Secretary and any other relevant agencies of any incident. Within 7 days of the date of the incident, the Proponent must provide the Secretary and any relevant agencies with a detailed report on the incident, and such further reports as may be requested.	6
Schedule 5, Condition 6	<p>By the end of March each year, or other timing as may be agreed by the Secretary, the Proponent must submit a report to the Department reviewing the environmental performance of the project to the satisfaction of the Secretary. The review must:</p> <p>(a) describe the development that was carried out in the previous calendar year, and the development that is proposed to be carried out over the next year;</p> <p>(b) include a comprehensive review of monitoring results and complaints records of the project over the previous calendar year, which includes a comparison of these results against the:</p> <ul style="list-style-type: none"> relevant statutory requirements, limits or performance measures/criteria; monitoring results of previous years; and relevant predictions in the documents listed in condition 2 of schedule 2; <p>(c) identify any non-compliances over the last year, and describe what actions were (or are being) taken to ensure compliance;</p> <p>(d) identify any trends in monitoring data over the life of the project;</p> <p>(e) identify any discrepancies between the predicted and actual impacts of the project, and analyse the potential cause of any significant discrepancies; and</p> <p>describe what measures will be implemented over the next year to improve the environmental performance of the project.</p>	7.2

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Condition	Requirement	Section
Schedule 5, Condition 9	<p>Within 3 months:</p> <ul style="list-style-type: none"> (a) the submission for audit under condition 7 above; (b) the submission for Annual Review under condition 6 above; (c) the submission for incident report under condition 4 above; and (d) any modification to the conditions of this approval, <p>the Proponent must review, and if necessary revise, the strategies, plans, programs and reports required under this approval to the satisfaction of the Secretary. Where this review leads to revisions in any such document, then within 4 weeks of the review, the revised document must be submitted to the Secretary for approval.</p>	7.3
Schedule 5, Condition 11	<p>The proponent must:</p> <ul style="list-style-type: none"> (a) make the following information publically available on its website: <ul style="list-style-type: none"> • the documents listed in condition 2 of schedule 2: • current statutory approvals for the project; • approved strategies, plans or programs required under the conditions of this approval; • a comprehensive summary of the compliance monitoring results of the project, which have been reported in accordance with the various plans and programs approved under the conditions of this approval; • a complaints register, which is to be updated on a monthly basis; • minutes of CCC meetings; • the last five annual reviews; • any independent environmental audit; and the Proponent's response to the recommendations in any audit; and (b) keep this information up to date to the satisfaction of the Secretary. 	<p>7.4</p> <p>7.4</p>

Appendix B - List of Mangoola’s registered Aboriginal parties (RAPs)

In relation to the management of Aboriginal cultural heritage at Mangoola, the below Aboriginal parties have registered an interest in being consulted. All of the registered Aboriginal parties are listed below.

1. Aboriginal Native Title Consultants.
2. Bullen Bullen Heritage Consultants*.
3. Cacatua Culture Consultants.
4. Culturally Aware.
5. Gidawaa Walang Cultural Heritage Consultancy.
6. Giwiirr Consultant.
7. Hunter Valley Aboriginal Corporation.
8. Hunter Valley Cultural Consultants.
9. Hunter Valley Natural and Cultural Resources Management.
10. Hunter Valley Cultural Surveying.
11. Lower Wonnarua Tribal Consultancy Pty Ltd.
12. Minggu Consultants.
13. Muswellbrook Cultural Consultants.
14. Ungooroo Aboriginal Corporation.
15. Ungooroo Cultural & Community Services Inc.
16. Upper Hunter Heritage Consultants.
17. Upper Hunter Wonnarua Council Inc.
18. Valley Culture.
19. Wanaruah Custodians.
20. Wanaruah Local Aboriginal Land Council.
21. Wattaka Wonnarua Cultural Consultants Services.
22. Wonn 1 Contracting.
23. Wonnarua Culture Heritage.
24. Wonnarua Elders Council.
25. Wonnarua Nation Aboriginal Corporation.
26. Tocomwall (Yarrawalk).
27. Yinarr Culture Services.
28. Hunter Traditional Owners.
29. Black Creek Aboriginal Corporation.
30. Lower Hunter Wonnarua Council Inc.
31. St Clair Singleton Aboriginal Corporation.
32. Wanaruah Custodians Aboriginal Corporation.
33. Carrawonga Consultants.
34. Kayaway Eco Cultural & Heritage.
35. Deslee Talbott Consultant.
36. Gomeroi People (native title claimants).
37. Roger Noel Matthews.
38. Crimson Rosi

** Please note that from time to time, Mangoola has been advised by members of the Aboriginal Community of the passing of representatives of registered Aboriginal groups. This advice has been noted to ensure correspondence does not continue to be sent to the deceased unless an updated contact is provided.*

Appendix C - Table of previously identified cultural heritage sites around Mangoola

AHIMS ID	Site Name	Site Type	AHIMS ID	Site Name	Site Type
37-2-2242	AC01	Artefact scatter	37-2-2289	AC27	Isolated artefact
37-2-2243	AC02	Isolated artefact	37-2-2290	AC28	Artefact scatter
37-2-2244	AC03	Isolated artefact	37-2-2258	AC29	Isolated artefact
37-2-2245	AC04	Isolated artefact	37-2-2259	AC30	Artefact scatter
37-2-2246	AC05	Artefact scatter	37-2-2260	AC31	Artefact scatter
37-2-2266	AC06	Artefact scatter	37-2-2261	AC32	Artefact scatter
37-2-2247	AC07	Isolated artefact	37-2-2262	AC33	Artefact scatter
37-2-2248	AC08	Artefact scatter	37-2-2263	AC34	Artefact scatter
37-2-2249	AC09	Isolated artefact	37-2-2264	AC35	Isolated artefact
37-2-2250	AC10	Isolated artefact	37-2-3998	AC36	Isolated artefact
37-2-2251	AC11	Artefact scatter	37-2-2265	AC37	Artefact scatter
37-2-2252	AC12	Artefact scatter	37-2-2291	AC39	Artefact scatter
37-2-2253	AC13	Artefact scatter	37-2-4000	AC40	Artefact scatter
37-2-2254	AC14	Isolated artefact	37-2-2294	AC43	Artefact scatter

AHIMS ID	Site Name	Site Type	AHIMS ID	Site Name	Site Type
37-2-2255	AC15	Isolated artefact	37-2-2295	AC44	Isolated artefact
37-2-2256	AC16	Isolated artefact	37-2-4001	AC45	Artefact scatter, PAD
37-2-2257	AC17	Artefact scatter	37-2-4002	AC46	Artefact scatter
37-2-2314	AC20	Isolated artefact	37-2-4003	AC47	Artefact scatter
37-2-2283	AC21	Isolated artefact	37-2-4004	AC48	Artefact scatter
37-2-2284	AC22	Isolated artefact	37-2-4005	AC49	Isolated artefact
37-2-2285	AC23	Artefact scatter	37-2-4006	AC50	Isolated artefact
37-2-2286	AC24	Isolated artefact	37-2-4007	AC51	Artefact scatter
37-2-2287	AC25	Isolated artefact	37-2-4008	AC52	Artefact scatter
37-2-2288	AC26	Isolated artefact	37-2-4009	AC53	Isolated artefact
37-2-4010	AC54	Isolated artefact	37-2-3884	BFC71	Isolated artefact
37-2-4011	AC55	Isolated artefact	37-2-3885	BFC72	Artefact scatter
37-2-4012	AC56	Isolated artefact	37-2-3886	BFC73	Isolated artefact
37-2-4560	AC-ST-01	Scarred tree	37-2-3900	BFC87	Artefact scatter
Not registered	AH1	Artefact scatter	37-2-3901	BFC88	Isolated artefact
37-2-4516	AH2	Artefact scatter	37-2-3989	BFC89	Isolated artefact

AHIMS ID	Site Name	Site Type	AHIMS ID	Site Name	Site Type
37-2-3887	BCF74	Isolated artefact	37-2-4109	BFC96	Artefact scatter
37-2-4563	BFC102	Artefact scatter	37-2-4490	BFC98	Artefact scatter
37-2-4862	BFC110	Isolated artefact	37-2-2220	CG02	Isolated artefact
37-2-2192	BFC30	Artefact scatter	37-2-2221	CG03	Artefact scatter
37-2-2207	BFC44	Isolated artefact	37-2-2222	CG04	Isolated artefact
37-2-2208	BFC45	Artefact scatter	37-2-2223	CG05	Artefact scatter
37-2-2209	BFC46	Isolated artefact	37-2-2224	CG06	Isolated artefact
37-2-2210	BFC47	Artefact scatter	37-2-2225	CG07	Isolated artefact
37-2-2211	BFC48	Artefact scatter	37-2-2230	CG12	Artefact scatter
37-2-3970	BFC50	Artefact scatter	37-2-2231	CG13	Artefact scatter
37-2-3971	BFC51	Isolated artefact	37-2-2232	CG14	Artefact scatter
37-2-3972	BFC52	Isolated artefact	37-2-2233	CG15	Artefact scatter
37-2-3973	BFC53	Isolated artefact	37-2-2296	CG16	Artefact scatter
37-2-3974	BFC54	Isolated artefact	37-2-2297	CG17	Isolated artefact
37-2-3975	BFC55	Artefact scatter	37-2-4013	CG18	Artefact scatter
37-2-3976	BFC56	Artefact scatter	37-2-4517	Drilling site C	Artefact scatter

AHIMS ID	Site Name	Site Type	AHIMS ID	Site Name	Site Type
37-2-3981	BFC61	Artefact scatter	37-2-4518	Drilling site U	Artefact scatter
37-2-3982	BFC62	Artefact scatter	37-2-4519	EWA1	Artefact scatter
37-2-3988	BFC68	Artefact scatter	37-2-4527	EWA10	Artefact scatter
37-2-3882	BFC69	Isolated artefact	37-2-4528	EWA17	Isolated artefact
37-2-3883	BFC70	Artefact scatter	37-2-4520	EWA2	Artefact scatter
37-2-4521	EWA3	Isolated artefact	37-2-2622	SC16	Artefact scatter
37-2-4522	EWA4	Isolated artefact	37-2-2623	SC17	Isolated artefact
37-2-4523	EWA6	Artefact scatter	37-2-2624	SC18	Isolated artefact
37-2-4524	EWA7	Artefact scatter	37-2-2665	SC19	Isolated artefact
37-2-4525	EWA8	Artefact scatter	37-2-2666	SC20	Isolated artefact
37-2-4526	EWA9	Artefact scatter	37-2-2667	SC21	Isolated artefact
37-2-5821	Mangoola North IF8	Isolated artefact	37-2-2668	SC22	Isolated artefact
37-2-5806	Mangoola North OS5	Artefact scatter	37-2-4132	SC23	Isolated artefact
37-2-0510	Sandy Hollow, Singleton 2	Artefact scatter	37-2-4133	SC24	Isolated artefact
37-2-2272	SC03	Artefact scatter	37-2-4134	SC25	Artefact scatter
37-2-3902	SC03 (Sandy Hollow)	Artefact scatter	37-2-4135	SC26	Artefact scatter

AHIMS ID	Site Name	Site Type	AHIMS ID	Site Name	Site Type
37-2-2274	SC05	Isolated artefact	37-2-4136	SC27	Artefact scatter
37-2-2275	SC06	Artefact scatter	37-2-4017	SC28	Isolated artefact
37-2-2276	SC07	Artefact scatter	37-2-2726	SC33	Artefact scatter
37-2-2277	SC08	Artefact scatter	37-2-2727	SC34	Isolated artefact
37-2-2278	SC09	Isolated artefact	37-2-2728	SC35	Isolated artefact
37-2-2279	SC10	Artefact scatter	37-2-2729	SC36	Isolated artefact
37-2-4589	SC100	Artefact scatter	37-2-2730	SC37	Artefact scatter
37-2-2298	SC11	Isolated artefact	37-2-2731	SC38	Isolated artefact
37-2-2299	SC12	Artefact scatter	37-2-2732	SC39	Artefact scatter
37-2-2280	SC13- Sandy Hollow	Isolated artefact	37-2-2733	SC40	Isolated artefact
37-2-2300	SC14	Artefact scatter	37-2-2734	SC41	Isolated artefact
37-2-2621	SC15	Artefact scatter	37-2-2735	SC42	Artefact scatter
37-2-4022	SC43	Artefact scatter	37-2-4028	SC70	Isolated artefact
37-2-3903	SC56	Artefact scatter	37-2-4499	SC82	Artefact scatter
37-2-3904	SC57	Artefact scatter	37-2-4503	SC87	Artefact scatter
37-2-3905	SC58	Artefact scatter	37-2-4506	SC90	Artefact scatter

AHIMS ID	Site Name	Site Type	AHIMS ID	Site Name	Site Type
37-2-3906	SC59	Artefact scatter	37-2-4529	SC91	Artefact scatter
52-2-3781	SC60	Artefact scatter	37-2-4530	SC92	Artefact scatter
37-2-3907	SC61	Artefact scatter	37-2-4531	SC93	Artefact scatter
37-2-3908	SC62	Artefact scatter	37-2-4023	SC-ST-01	Scarred tree
37-2-3909	SC63	Artefact scatter	37-2-3913	SC-ST-02	Scarred tree
37-2-3910	SC64	Artefact scatter	37-2-4024	SC-ST-03	Scarred tree
37-2-3911	SC65	Artefact scatter	37-2-4487	SC-ST-04	Scarred tree
37-2-3912	SC66	Isolated artefact	37-2-4488	SC-ST-05	Scarred tree

Appendix D - Authority Correspondence

Nb. To be included for final published document