



Maules Creek Coal Mine

Document Owner:	MCC
Issue:	2
Last Revision Date:	May 2018

WHC_PLN_MC_ HISTORIC HERITAGE MANAGEMENT PLAN

HISTORIC HERITAGE MANAGEMENT PLAN

Edition	Rev.	Comments	Author	Authorised By	Date
1	0.	Draft for Consultation	MCCM	MCCM	November 2014
1	1.	Revised	Niche	MCCM	2017
2	2	DPE comment	MCCM	MCCM	2018



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1.0 INTRODUCTION

1.1 Preamble

Maules Creek Coal Pty Ltd (MCC) is required to prepare a Historic Heritage Management Plan (HHMP) for the Maules Creek Coal Project in accordance with Condition 58 of Project Approval (PA) 10_0138.

1.2 Maules Creek Coal Mine Location and Background

The Maules Creek Coal Mine (MCCM) is located in the Gunnedah Basin approximately 18 kilometres (km) to the north-east of Boggabri in the north-west region of New South Wales (NSW). The location and layout of the MCCM project is presented in Figures 1 and 2 respectively.

The MCCM is a joint venture between Aston Coal 2 Pty Ltd (a wholly owned subsidiary of Whitehaven Coal Limited [Whitehaven]) (75 percent [%]), ICRA MC Pty Ltd (an entity associated with ITOCHU Corporation) (15%) and J-Power Australia Pty Ltd (a wholly owned subsidiary of Electric Power Development Co. Ltd) (10%). MCC is a wholly owned subsidiary of Whitehaven which manages the MCCM on behalf of Aston Coal 2 Pty Ltd, ICRA MC Pty Ltd and J-Power Australia Pty Ltd.

Project approval under the NSW *Environmental Planning and Assessment Act* 1979 (EP&A Act) was granted for the MCCM by the Planning Assessment Commission (PAC) under delegation of the Minister for Planning and Infrastructure on 23 October 2012 (PA 10_0138).

The MCCM involves the construction and operation of an open cut coal mine, with the recovery of up to 13 million tonnes per annum run-of-mine (ROM) coal until the end of December 2034 for a period of 21 years.

1.3 Scope

This HHMP has been prepared in accordance with the requirements of Condition 58, Schedule 3 of PA 10_0138. The HHMP aims to manage historic heritage items identified on land within, and immediately adjacent to, the MCCM, consistent with the management recommendations made in the Maules Creek Coal Project Environmental Assessment (Hansen Bailey, 2011a).

This HHMP sets out the procedures for management of historic heritage within the MCCM Project Boundary (as defined in Appendix 2 of PA 10_0138), excluding the portion of the Project Boundary managed by Boggabri Coal Pty Limited. The HHMP also applies to the immediate surrounds of the MCCM. The MCCM Project Boundary (including the portions of land subject to management by Boggabri Coal Pty Limited) is shown on Figures 1 and 2.

It should be noted that Condition 58 concerns both Aboriginal heritage and non-Aboriginal heritage (i.e. historic heritage), and that it describes both aspects as being contained in a 'Heritage Management Plan'. MCC has elected to separate the two heritage components; with this HHMP outlining the management of dealing with historic heritage (i.e. the requirements of Condition 58e) and a separate Aboriginal Archaeology and Cultural Heritage Management Plan addressing the management of Aboriginal heritage (i.e. Condition 58a to 58d). A reconciliation of the requirements of Condition 58, Schedule 3 of PA 10_0138 is provided in Section 2.

1.4 Objectives

The objectives of this HHMP are:

- To identify ongoing management measures for the care of known historic heritage items.



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- To outline a monitoring program to ensure that any identified historic heritage items are appropriately maintained.
- To provide management measures for the discovery of human remains or previously unidentified historic heritage items.
- Address and comply with the relevant conditions of the Project Approval (PA 10_0138).
- Provide MCCM employees with a clear outline of their obligations and responsibilities in relation to historic heritage management.
- Address all relevant commitments of the Environmental Assessment (Hansen Bailey, 2011a).
- To provide a mechanism to respond to historic heritage issues and related complaints effectively.

This HHMP has been prepared by Jamie Reeves of Niche Environment and Heritage (Niche), whose appointment has been approved by DP&E (letter dated 4 August 2016) as a “*suitably qualified and experienced person*” in accordance with Condition 58(a) of Schedule 3 of PA 10_0138.

An initial draft of the HHMP was prepared by MCC in consultation with the former NSW Department of Planning and Infrastructure (now referred to as the NSW Department of Planning and Environment [DP&E]). A revised version of the HHMP has been prepared incorporating review comments

In accordance with Condition 58(b), Schedule 3 of PA 10_0138, a draft of this HHMP was provided to stakeholders including the NSW Office of Environment and Heritage (OEH) and North West Local Land Services for review and comment. LLS recommended no further changes to the plan.



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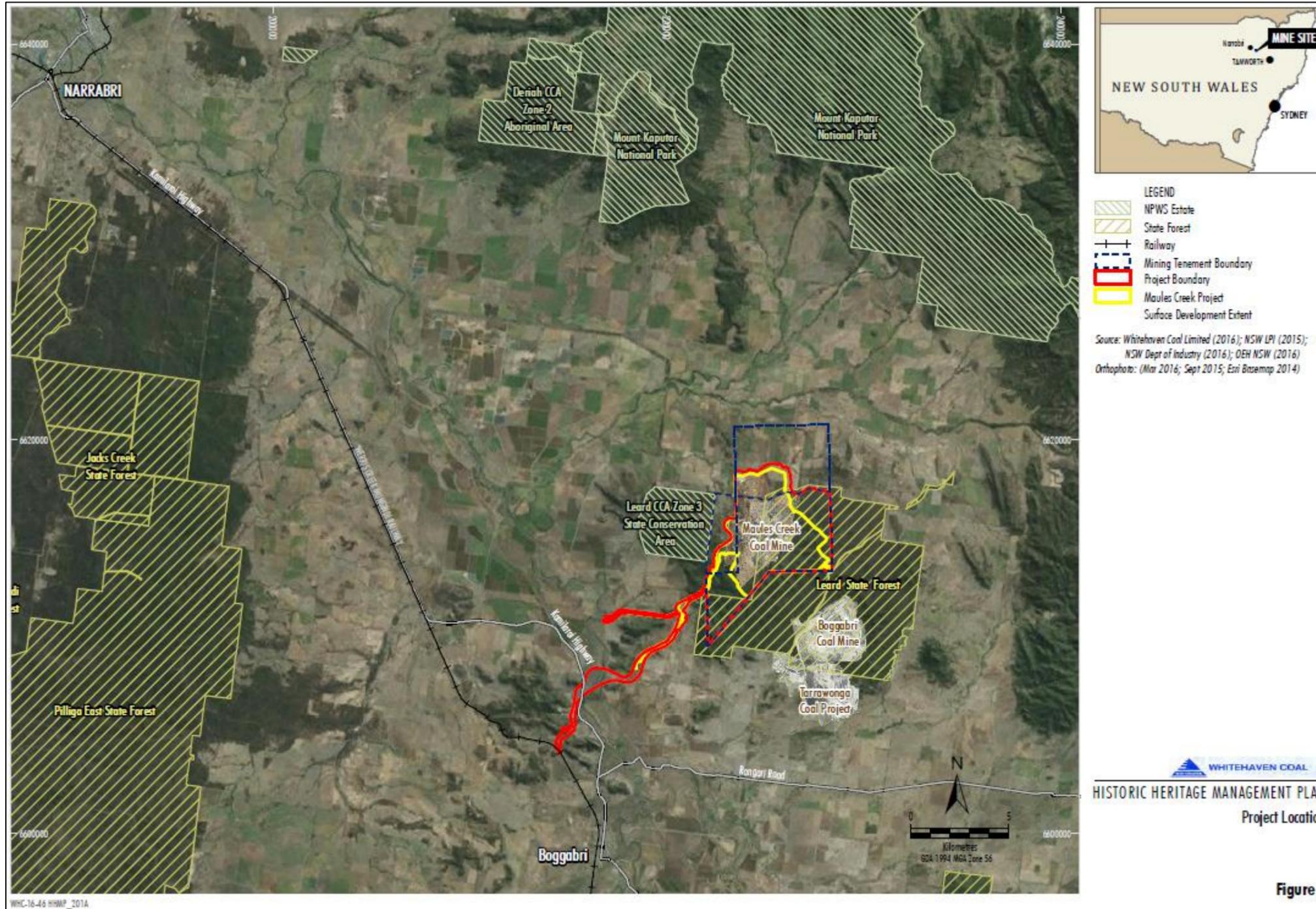
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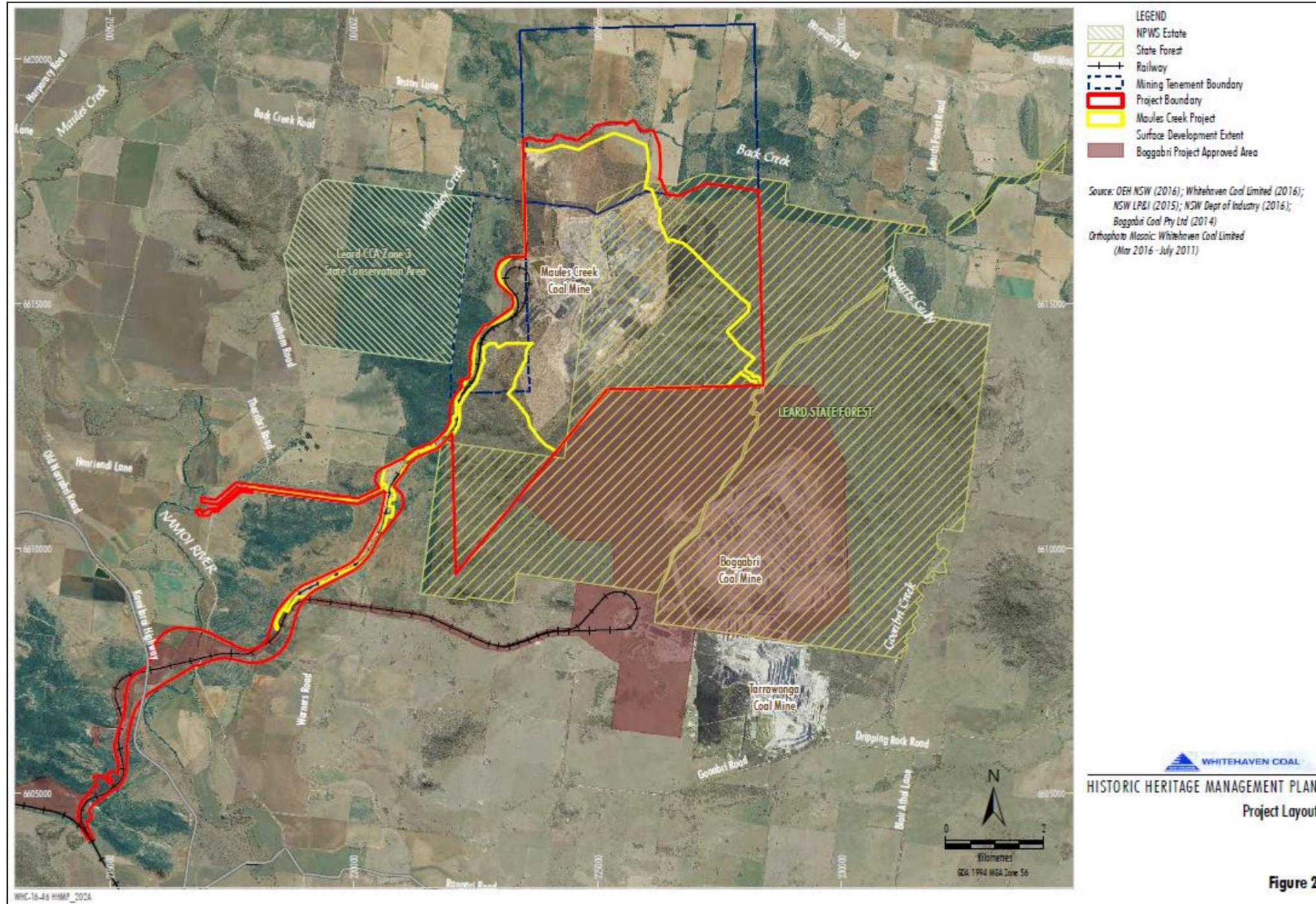
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Figure 1: Project Location



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Figure 2: Project Layout





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2.0 REGULATORY REQUIREMENTS

2.1 Relevant Project Approval (10_0138) Conditions

Conditions 23 (a), 58 (a), (b), (c), (d) and (e), Schedule 3 and Condition 7, Schedule 4 of PA 10_0138 describe the various historic heritage management measures required for the MCCM. Further, Condition 3, Schedule 5 of PA 10_0138 outlines general requirements in relation to environmental management plans for the MCCM. These requirements, and cross references to where each is addressed in this HHMP or other relevant environmental management plans, are set out in Table 1 below.

Table 1: Relevant Project Approval Conditions for PA 10_0138

Condition	Requirement	Relevant HHMP Section
Schedule 3		
23	<p><i>During mining operations on site, the Proponent shall:</i></p> <p>(a) <i>Implement best management practice to:</i></p> <p>...</p> <ul style="list-style-type: none"> <i>minimise blasting impacts on heritage items in the vicinity of the site;</i> 	MCCM Blast Management Plan
58	<p><i>The Proponent shall prepare and implement a Heritage Management Plan for the Project to the satisfaction of the Secretary. This plan must:</i></p> <p>(a) <i>Be prepared by suitably qualified and experienced person/s whose appointment has been endorsed by the Secretary;</i></p> <p>(b) <i>Be prepared in consultation with the OEH, North West LLS and the local Aboriginal stakeholders (in relation to the management of Aboriginal heritage values);</i></p> <p>(c) <i>Be submitted to the Secretary for approval prior to any development that may impact heritage items, unless the Secretary agrees otherwise;</i></p> <p>(d) <i>include the following for the management of Aboriginal heritage:</i></p> <p>...</p> <ul style="list-style-type: none"> <i>A detailed archaeological salvage program for Aboriginal sites/objects within the approved disturbance area, including methodology and procedures/protocols for:</i> <p>...</p> <ul style="list-style-type: none"> <i>if relevant, historic heritage salvage at the Lawler's Waterhole site;</i> <p>...</p> <p>(e) <i>Include the following for the management of historic heritage:</i></p> <ul style="list-style-type: none"> <i>A detailed plan of management measures for maintaining or enhancing the heritage values of heritage items on Project-related land which are outside of the approved disturbance area;</i> <i>A description of the measures that would be implemented for:</i> <ul style="list-style-type: none"> <i>Managing the discovery of human remains or previously unidentified heritage items on site; and</i> 	<p>Section 1.4</p> <p>Section 1.4</p> <p>HHMP</p> <p>Section 3.2¹</p> <p>Sections 3 and 4</p> <p>Section 4.7 and 4.8</p>



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Condition	Requirement	Relevant HHMP Section
58 (Con't)	<ul style="list-style-type: none"> ○ Ensuring workers on site receive suitable heritage inductions prior to carrying out any development on site, and that suitable records are kept of these inductions. 	Section 4.11
Schedule 4		
7	<p>If a person has good reason to believe the Proponent is not implementing the biodiversity and/or heritage conditions in Schedule 3 satisfactorily, then he/she may ask the Secretary in writing for an independent review of the matter.</p> <p>If the Secretary is satisfied that an independent review is warranted, then within 2 months of the Secretary's decision, the Proponent shall:</p> <ul style="list-style-type: none"> (a) Commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Secretary, to: <ul style="list-style-type: none"> • Consult with the person and/or relevant agencies; • Investigate the person's complaints/claims; • Review the environmental performance of the Proponent; • Determine whether the Proponent's performance is satisfactory or not; and if necessary • recommend measures to improve the Proponent's performance; and (b) Give the Secretary and complainant a copy of the independent review. 	Section 5.0
Schedule 5		
3	<p>The Proponent shall ensure that the management plans required under this consent are prepared in accordance with any relevant guidelines, and include:</p> <ul style="list-style-type: none"> (a) detailed baseline data; (b) a description of: <ul style="list-style-type: none"> • the relevant statutory requirements (including any relevant consent, licence or lease conditions); • any relevant limits or performance measures/criteria; • the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the development or any management measures; (c) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria (d) a program to monitor and report on the: <ul style="list-style-type: none"> • impacts and environmental performance of the project; • effectiveness of any management measures (see c above); (e) a contingency plan to manage any unpredicted impacts and their consequences; (f) a program to investigate and implement ways to improve the environmental performance of the project over time; 	<p>Section 3</p> <p>Section 2</p> <p>Section 4</p> <p>Section 4 and 6</p> <p>Section 5</p> <p>Section 6</p>

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Condition	Requirement	Relevant HHMP Section
3 (Con't)	(g) a protocol for managing and reporting any: <ul style="list-style-type: none"> • incidents; • complaints; • non-compliances with statutory requirements; and <i>exceedances of the impact assessment criteria and/or performance criteria; and</i>	Sections 5 and 6
	(h) a protocol for periodic review of the plan.	Section 6

¹ Not considered relevant to this HHMP. Refer to Section 3.2.

2.2 Statement of Commitments

Appendix 5 of PA 10_0138 provides a consolidated Statement of Commitments, which summarises the key management and mitigation measures for the MCCM as documented in the Maules Creek Coal Project Environmental Assessment (Hansen Bailey, 2011a), the Response to Submissions Report dated December 2011 (Hansen Bailey, 2011b) and the Response to Subsidiary Submissions Report dated March 2012 (Hansen Bailey, 2012).

The commitments relevant to historic heritage are set out in Table 2. Cross references to where each is addressed in this HHMP are also included.

Table 2: Relevant Commitments contained in Appendix 5 of PA 10_0138

Statement of Commitments Reference	Commitment	Relevant HHMP Section
22	<i>Maules Creek Coal will compile an Oral History report for any landowners which are identified to be adversely impacted by the Project and who are acquired in accordance with the conditions of Project Approval.</i>	Section 4.1
23	<i>Maules Creek Coal will ensure that the heritage items located on its landholdings will be adequately managed and preserved in accordance with the requirements under the Heritage Act 1977.</i>	Section 4

2.3 Relevant Legislation

2.3.1 Environmental Planning & Assessment Act 1979

The EP&A Act requires that consideration be given to environmental impacts as part of the land use planning process. In NSW, environmental impacts are interpreted as including historic or non-indigenous heritage impacts. In October 2011, the *Environmental Planning and Assessment Amendment (Part 3A Repeal) Act 2011* repealed the Part 3A provisions, putting in place transitional arrangements for all Part 3A projects started under the previous legislative regime. The MCCM is now classified as a 'Major Project' under transitional Part 3A arrangements.

Part 3A of the EP&A Act provided an approvals regime that, prior to the repeal of this part, applied to all Major Projects. Major Projects are defined under the *State Environmental Planning Policy (Major Projects) 2005*.



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2.3.2 Heritage Act 1977

The *Heritage Act 1977* was enacted to conserve the environmental heritage of NSW. Under section 32, places, buildings, works, relics, moveable objects or precincts of heritage significance are protected by means of either Interim Heritage Orders (IHO) or by listing on the State Heritage Register (SHR). Items that are assessed as having State heritage significance can be listed on the SHR by the Minister on the recommendation of the Heritage Council.

Archaeological relics (any relics that are buried) are protected by the provisions of Section 139 of the *Heritage Act 1977*. Under this section it is illegal to disturb or excavate any land knowing or suspecting that the disturbance or excavation will, or is likely to, result in a relic being discovered, exposed, moved, damaged or destroyed. In such cases, an excavation permit under section 139 of the *Heritage Act 1977* is required. Note that no formal listing is required for archaeological relics; they are automatically protected if they are of local significance or higher. Note that excavation permits under section 139 of the *Heritage Act 1977* are not required for Projects approved under Part 3A of the EP&A Act.

Proposals to alter, damage, move or destroy places, buildings, works, relics, moveable objects or precincts protected by an IHO or listed on the SHR require an approval under section 60 of the *Heritage Act 1977*. Demolition of whole buildings will not normally be approved except under certain conditions (section 63 of the *Heritage Act 1977*). Some of the items listed on the SHR or on LEPs may either be 'relics' or have relics associated with them. In such cases, a Section 60 approval is also required for any disturbance to relics associated with a listed item.

2.3.3 Necropolis Act 1901

The *Necropolis Act 1901* was amended by the *Necropolis Regulation 1991*, which itself was amended by the *Cemeteries Legislation Amendment (Unused Burial Rights) Bill 2001*. The *Cemeteries Legislation Amendment (Unused Burial Rights) Bill 2001* refers specifically to the exclusive rights of burial and associated compensation. The amended *Necropolis Act 1901* is NSW legislation for the application of lands to be designated as a Necropolis and the requirements for the Joint Committee or body of trustees to administer a Necropolis. Although not specifying heritage values for historic burial grounds, the act specifies the following regarding the exhumation of buried bodies.

14. (1) *Exhumations are not to take place unless:*
 - a) *Prior written consent has been obtained from the Director-General of the Department of Health; and*
 - b) *An order for exhumation has been issued by the relevant trust.*
- (2) *This clause does not apply if an exhumation order has been issued by a Court.*



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3.0 HISTORIC HERITAGE

3.1 Previous Assessments

A Non-Indigenous Heritage Impact Assessment (NIHIA) (Archaeology Australia 2010) was prepared as part of the Maules Creek Coal Project Environmental Assessment to identify and assess all relevant non-Indigenous (historic) heritage items that had a potential to be impacted. The assessment was undertaken in accordance with the relevant regulatory requirements including:

- Statements of Heritage Impact (NSW Heritage Office 2001);
- NSW Heritage Manual (NSW Heritage Council 1996); and,
- Assessing Significance for Historical Archaeological Sites and ‘Relics’ (NSW Heritage Branch Department of Planning 2009).

The assessment included the following tasks:

- Searches of relevant heritage databases including those of the Heritage Division, the Australian Heritage Council, National Trust of Australia (NSW) and Narrabri Shire Council. No items of heritage significance were identified during these searches.
- Review of available literature held by Narrabri Shire Library and the archives of the Boggabri Historic Society in addition to extensive document searches at the National Library of Australia, NSW State Library (Mitchell Library) and NSW State Archives.
- Discussions with local residents and members of the Boggabri Historic Society to ascertain any knowledge in relation to the historic significance of the area within the Project Boundary.
- Review of relevant documents and photographs held in private collections.
- A field survey from 13 to 18 October by Dr Jennifer Lambert Tracey and Dr Michael MacLellan Tracey (Archaeology Australia) over the areas identified as having the potential to contain evidence of any historic items of interest, based on the devised predictive model and information obtained during the course of the historic and archival research.

During 2016 MCC engaged Niche to undertake a desktop heritage assessment of two potential heritage items located in proximity to planned water pipe realignment works at Therribri Road, Harparary, NSW. The assessment involved a desktop review of available historical information, a significance assessment of the items, an assessment of the potential impact of proposed works and provision of recommended actions to mitigate potential impacts (Niche Environment and Heritage 2016). The findings of this assessment have been incorporated into the HHMP.

3.2 Historic Heritage Items

The EA identified a total of five historic heritage items, three of which were assessed as being part of one heritage complex – the Velyama Site Complex (Archaeology Australia 2010:45).

As described in Section 2.1, the Project Approval (10_0138) refers to historic heritage salvage at the Lawler’s Well site (also known as Lawler’s Waterhole), if relevant (see Condition 58 [d]). Lawler’s Well is located within the MCCM Project Boundary and was identified in the Aboriginal Cultural Heritage Impact Assessment (AECOM 2010) as an Aboriginal heritage site (Leard SF AS1). The site is thus included in, and managed, as per the separate Aboriginal Archaeology and Cultural Heritage Management Plan.

The site was not identified as a historic heritage item in the Non-Indigenous Heritage Impact Assessment (NIHIA) (Archaeology Australia, 2010) following consultation with the Boggabri Historical Society. Further archaeological survey and a review of historical aerial photographs and a MAC18 Dam Report (Lauritzen, 2016) by Niche Environment and Heritage Pty Ltd (Niche) has confirmed that the dam was not present prior



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to 1979. There is no evidence of a soak or semi-permanent water source at, or near, the site nor historic occupation of the location prior to this date. A bore was constructed on the site in 1981 and an associated dam was constructed in c1981. Based on this evidence Niche considers that Lawler's Well is not a historic heritage item for the purpose of this HHMP and therefore is not considered further.

Should any previously unidentified historic heritage items be subsequently identified at Lawler's Well, they would be managed as per Section 4.7 of this HHMP.

The assessment conducted by Niche in 2016 at Therribri Road, Harparary, identified two additional historic heritage items, the Harparary Cottage and Wool Shed (Niche Environment and Heritage 2016). These two items are considered to be part of one heritage complex – the Harparary Site Complex. The historic heritage items covered by this HHMP are listed in Table 3 below and shown on Figure 3. All identified historic heritage items are located outside of the MCCM Project Boundary and will not be directly impacted by the currently approved MCCM.

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Table 3: Known Historic Heritage Items

Item	Easting (Zone 56 GDA)	Northing (Zone 56 GDA)	Description	Current Condition and Integrity
Velyama Homestead Site (Velyama Site Complex)	220357	6610939	Archaeological deposit associated with homestead site (building no longer extant) with associated demolished outbuilding, fence remnants and gardens. ¹	No extant structures. Building remains evident where outbuildings once stood. Archaeological deposits and features likely to be intact with high integrity. ³
Velyama Shearing Shed (Velyama Site Complex)	220475	6609857	An extant shearing shed on the Velyama property with associated items of moveable heritage. ¹	Fair to good condition. High integrity. Roof and floors intact. Equipment including the wool press still present. ³
Velyama Burial Ground (Velyama Site Complex)	220150	6610626	Fenced grave enclosure with headstones, members of the family who owned the Velyama property. ¹	Fair to good condition and high integrity. Headstones intact and within the fenced area. Weeds noted. ³
Warriahdool Hut Site	226102	6618801	An extant weatherboard and corrugated iron hut with associated archaeological deposit. ¹	Poor to fair condition. High integrity. Partial collapse of timber walls noted. Roof and chimney intact. ³
Therribri Homestead Site	223809	6618644	Archaeological deposit associated with homestead site (building no longer extant). ¹	Brick and structural remains evident. Archaeological deposits and features likely to be intact with medium integrity. ³
Harparary Cottage (Harparary Site Complex)	216951	6610669	An extant weatherboard and corrugated iron cottage with associated demolished verandah and gardens. ²	Poor condition with subsidence of the floors and walls with occurring. Poor integrity. Verandah, sections of walls, doors and windows missing. Fireplace collapsing. ⁴
Harparary Wool Shed (Harparary Site Complex)	216935	6610707	An extant round bush pole and corrugated iron wool shed with wool press still present. ²	Poor condition with part of the structure collapsing. Integrity likely to be medium to high. ⁴

1. As per description provided by Archaeology Australia (2010).
2. As per description provided by Niche (2016).
3. Confirmed during site inspection undertaken by Niche on 24 June 2016.
4. Confirmed during site inspection undertaken by MCC on 15 September 2016.



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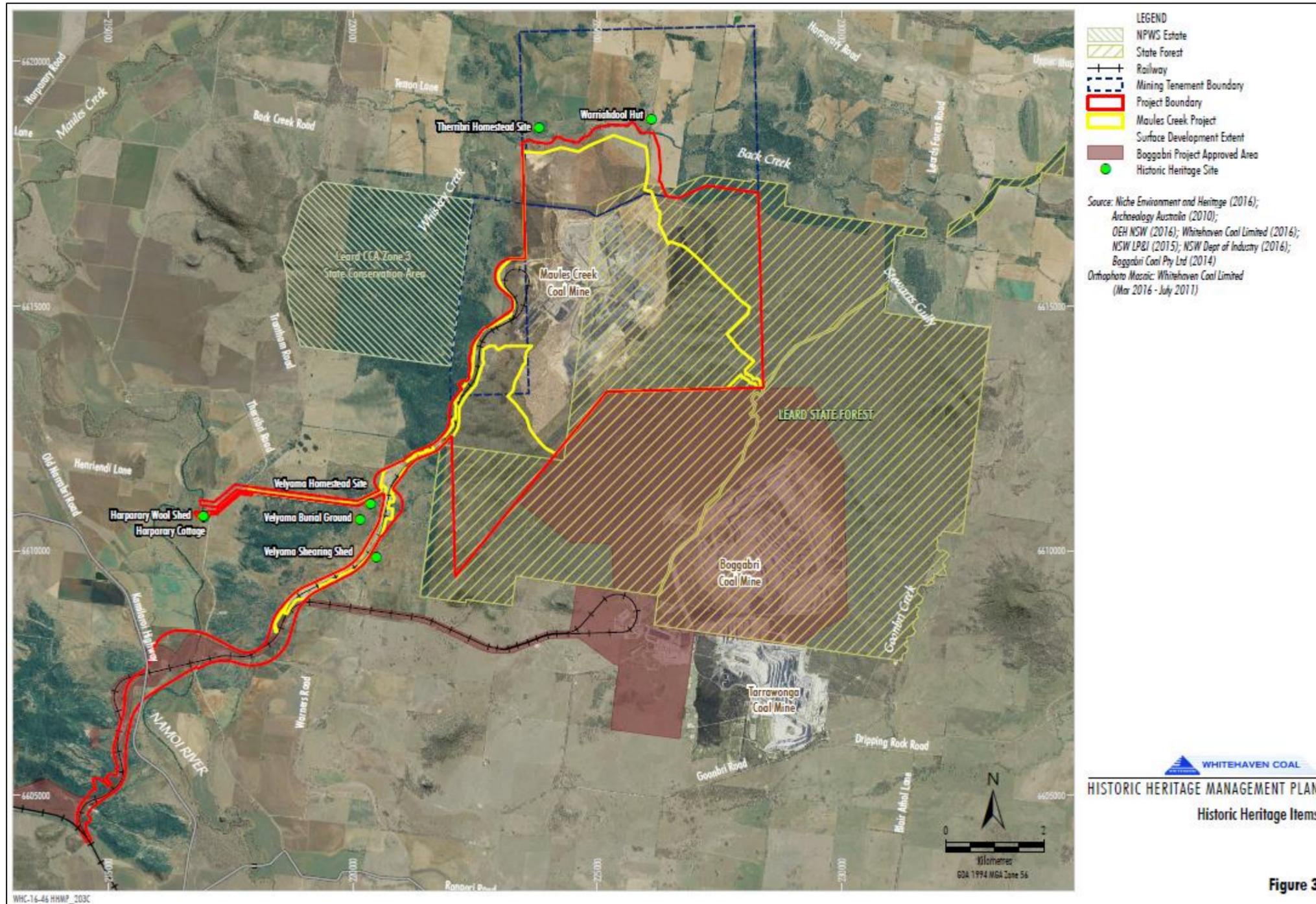
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Figure 3: Location of Historic Heritage Items





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3.3 Historic Heritage Values

The historic heritage values of the MCCM lie principally in the presence of heritage items outside the MCCM Project Boundary. All previously identified historic heritage items were assessed to be of local heritage significance (Archaeology Australia 2010:45-55/Niche Environment and Heritage 2016:16-17). A description of the heritage values for each of the identified historic heritage items is summarised in Table 4 below.

Table 4: Heritage Significance of Known Historic Heritage Items

Item	Significance	Relevance
Velyama Homestead Site (Velyama Site Complex)	Local	“Velyama represents an historic cultural landscape directly associated with the renowned colonial Australian artist, Blagden Chambers, and the place where he spent his last years in residence. The property is strongly associated with Chambers’ life and his important artistic achievements” (Archaeology Australia 2010:23).
Velyama Shearing Shed (Velyama Site Complex)	Local	“Graziers, shearers and shearing sheds played a pivotal role in the development of the Australian economy and culture. By 1907, Blagden Chambers had successfully established his wool growing enterprise... Wool from the property continued to be sold in Sydney under the Velyama name until 1952” (Archaeology Australia 2010:33).
Velyama Burial Ground (Velyama Site Complex)	Local	“A private burial ground had been established to the south of the Velyama homestead. Graves of several members and relatives of the Chambers family, including the renowned artist, Blagden Chambers, are extant” (Archaeology Australia 2010:40).
Warriahdool Hut Site	Local	“Archaeological remains of local heritage significance are extant at this location. The remains comprise: an extant hut – weatherboard and corrugated iron c.1940; fireplace and compressed earth floor associated with a small hut; cultural material 1900-1940 associated with the sites and water courses for water collection” (Archaeology Australia 2010:51).
Therribri Homestead Site	Local	“The property known as the Old Therribri homestead site was originally part of the Therribri Run shown in the land listings following the introduction of the Squatter’s Act 1846... archaeological material of diagnostic value may remain on this site” (Archaeology Australia 2010:46-50).
Harparary Cottage (Harparary Site Complex)	Local	“the group [Harparary Site Complex] is typical of the rural homesteads of the district, with wooden house, wool sheds and remnant garden, and provides important evidence of the development of the local wool industry, and in particular the lifestyles and roles of smaller landholders” (Niche Environment and Heritage 2016:17).
Harparary Wool Shed (Harparary Site Complex)	Local	



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4.0 MANAGEMENT MEASURES

A summary of the relevant commitments in relation to historic heritage at the MCCM is provided in Section 2.

4.1 Oral History Report

Consistent with the requirements of Commitment 22, Appendix 5 of PA 10_0138, MCC will compile an oral history report and invite any landowners that are identified to be adversely impacted by the MCCM and who are acquired in accordance with the conditions of the Project Approval (10_0138), to participate. The oral history project will include interview discussions that will aim to ascertain any knowledge in relation to the history and significance of historic heritage items located on or nearby the properties under acquisition.

The NIHIA (Archaeology Australia 2010) provided management recommendations for the identified historic heritage items. These recommendations have been incorporated into this HHMP in the subsections below in addition to commitments identified within the Maules Creek Coal Project EA. Commitments include monitoring and awareness training, which is included within the site induction program. Interviews for the oral history project have been completed with final reviews of transcripts by landholders to be undertaken prior to completion of a report in early 2019.

4.1.1 Velyama Site Complex

The Velyama Site Complex includes the Velyama Homestead Site, Velyama Shearing Shed and Velyama Burial Ground. The Velyama Site Complex was assessed in the NIHIA (Archaeology Australia 2010:45) to be of local heritage significance. As noted in the NIHIA, these items should be managed in relation to each other to preserve their aesthetic integrity and contextual relationship.

At present, the Velyama Site Complex is in good condition and there is no threat of disturbance (as noted during the June 2014 and 2016 site inspections). Monitoring of the Velyama Site Complex is outlined in Section 4.3 of this HHMP. A Conservation Management Plan (CMP) to guide the future management of the Velyama Site Complex will be developed in 12 months. The CMP will be prepared by a suitably qualified heritage specialist and will identify a suitable heritage curtilage, present a significance assessment and outline measures for the future management of the heritage items.

4.1.2 Warriahdool Hut Site

The Warriahdool Hut Site and associated archaeological remains were assessed in the NIHIA (Archaeology Australia 2010:51) to be of local heritage significance. The condition of the Warriahdool Hut Site will be monitored as per Section 4.3 of this HHMP.

4.1.3 Therribri Homestead Site

The Therribri Homestead Site was assessed in the NIHIA (Archaeology Australia 2010:50) to be of local heritage significance. The condition of Therribri Homestead Site will be monitored as per Section 4.3 of this HHMP.

4.1.4 Harparary Site Complex

The Harparary Site Complex, which includes the Harparary Cottage and Harparary Wool Shed, was assessed by Niche to be of local heritage significance (Niche Environment and Heritage 2016:17). The condition of the Harparary Site Complex will be monitored as per Section 4.3 of this HHMP.



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4.2 Access to Historic Heritage Sites

Existing access tracks within historic heritage site boundaries will be used where available. Maintenance of roads will be managed within these areas to reduce potential impacts to historic heritage items.



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4.3 Monitoring

4.3.1 Regular Monitoring Program

A monitoring program of identified historic heritage items will be implemented to ensure heritage values are maintained and will include consideration of condition, weed control and the recording of any evidence of impacts. The monitoring program will be undertaken every two years. The monitoring will involve an assessment of the structural condition of the Velyama Shearing Shed, Warriahdool Hut Site, Harparary Cottage and Harparary Wool Shed, and an assessment of weeds at the Velyama Burial Ground, Velyama Homestead Site and Therribri Homestead Site.

Actions identified by inspections and monitoring will be documented within a site register, with specific management measures assigned.

4.3.2 Monitoring of Works in Proximity to Historic Heritage Items

There are no anticipated impacts to identified historic heritage items as a result of the MCCM. Further detailed heritage assessments will be conducted if future disturbance of these locations is proposed. If required, assessment will be undertaken by a suitably qualified heritage specialist. The specialist will assess the potential impacts of the proposed works and recommend appropriate mitigation measures. Monitoring is not required for land use activities in areas where no historic heritage items have been identified.

4.4 New Historic Heritage Site Recording

In the event that a previously unidentified historic heritage item is discovered during the life of the MCCM, the following procedure is to be adopted:

- All works must cease immediately in the area to prevent any further impacts to the item.
- Notify the MCC Environmental Superintendent (or relevant equivalent) immediately.
- The MCC Environmental Superintendent (or relevant equivalent) will determine whether works can continue in the area with safeguards in place.
- Engage a suitably qualified heritage specialist to determine the nature, extent and likely significance of the item.
- Based on the advice of the heritage specialist regarding heritage significance and impact assessment, determine and implement appropriate mitigation measures (e.g. further assessment, excavation, archival recording).
- Depending on the findings of the heritage specialist, notify DP&E and OEH of the discovery in accordance with s.146 of the *Heritage Act 1977*.
- Revise and update the HHMP (if necessary) in accordance with the protocols outlined in Section 6.2.

4.5 Discovery of Possible Human Skeletal Remains

In the event that possible human skeletal remains are discovered within the MCCM premises, the following approach is to be followed:

- When possible human skeletal remains are exposed, all work is to cease immediately within the near vicinity of the find location.
- The MCC Environmental Superintendent (or relevant equivalent) is to be notified immediately and police contacted.



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- The MCC Environmental Superintendent (or relevant equivalent) is to contact OEH's Environment Line to provide notification. OEH will provide details on the current processes required.
- Under the instructions of the Police, the immediate area (approximately 50 m radius) will be cordoned off by temporary fencing around the exposed remains site. Work can continue outside of this area as long as there is no risk of interference to the remains or the assessment of the remains.
- In liaison with police, a physical or forensic anthropologist may be commissioned to inspect the remains *in situ* (unless otherwise directed by the Police) and make a determination of ancestry (Aboriginal or non- Aboriginal) and antiquity (pre-contact, historic or modern).
 - If the remains are identified as modern, liaise with the Police and/or the Coroner's Office and/or NSW Health with respect to the exhumation of the remains.
 - If the remains are identified as Aboriginal, liaise with OEH and Aboriginal stakeholders as per the Aboriginal Archaeology and Cultural Heritage Management Plan.
 - If the remains are identified as non-Aboriginal (historic) remains, liaise with OEH.
 - If the remains are identified as not being human, then work can recommence without delay.

4.6 Grounds Impacts from Weed and Feral Animal Management

Measures to control weeds and feral animals within the MCCM Project Boundary will avoid ground impacts to all known historic heritage items.

4.7 Exemptions from Emergency Vegetation Management

Should an emergency situation arise that requires vegetation clearance (for example firefighting, hazardous materials spill) in the vicinity of historic heritage items, vegetation clearance will be undertaken with the minimum possible disturbance. Activities relating to maintenance, construction or operational activities do not comprise emergency situations.

4.8 Historic Heritage Induction

A heritage component will be included as part of inductions for all personnel. This will outline current protocols and responsibilities with respect to conducting works in the vicinity of historic heritage items.



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5.0 RESPONSE PROCEDURES

5.1 Independent Investigation

If a person has good reason to believe that MCC is not implementing the heritage conditions in Schedule 3 of PA 10_0138 satisfactorily, they may submit a request in writing to the Secretary of the DP&E for an independent review of the matter. If the Secretary determines that an independent review is warranted, MCC will commission a suitably qualified, experienced and independent person to conduct a review in accordance with Condition 7, Schedule 4 of PA 10_0138.

5.2 Non-Conformance or Incident Investigation/Contingency Plan

If a non-conformance or incident relating to historic heritage is known or suspected to have occurred the procedure outlined below is to be followed:

- The MCC Environmental Superintendent (or relevant equivalent) is to investigate the suspected non-conformance or incident with respect to the HHMP and statutory requirements.
- The MCC Environmental Superintendent (or relevant equivalent) will determine the appropriate response and corrective actions, if required.

Where a non-conformance or incident has been determined to have occurred, the non-conformance or incident will be reported to the appropriate agency.

5.3 Heritage Complaints

MCC maintains a community complaints hotline to respond to any complaints from neighbouring residents or interested stakeholders. The complaints hotline number is available on the Whitehaven website.

5.4 Disputes

Where a dispute arises through the implementation of this HHMP, the following dispute resolution procedure will be undertaken:

- The MCC Environmental Superintendent (or relevant equivalent) is to discuss the issue with the disputer. They may engage a suitably qualified heritage specialist to assist.
- Failing resolution, a meeting at a time convenient to all parties is to be convened to be attended by the disputer, MCC representatives and a suitably qualified heritage specialist appointed by MCC.
- Should one of the parties fail to be available within 3 weeks for mediation then the matter will be referred to the Secretary of the DP&E for resolution.
- Should further mediation fail to achieve resolution by consensus, the matter will be referred to the Secretary of the DP&E for resolution.



Document Owner:	MCC
Issue:	2
Last Revision Date:	May 2018

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6.0 REPORTING AND REVIEW

6.1 HHMP Reporting

MCCM's performance in relation to historic heritage, including management and mitigation works carried out under the HHMP, will be reported in the MCCM Annual Review as required by Condition 4, Schedule 5 of PA 10_0138.

6.2 HHMP Review

In accordance with Condition 5, Schedule 5 of PA 10_0138 a review of the HHMP is to be conducted following submission of the Annual Review, following an Independent Environmental Audit or an incident report related to heritage matters, or modification to the PA 10_0138.



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7.0 ROLES AND RESPONSIBILITIES

The roles and responsibilities of MCCM staff in respect of this HHMP are presented below in Table 5.

Table 5: Roles and Responsibilities

Role	Responsibilities
General Manager	<ul style="list-style-type: none"> Provide required resources and support to implement these procedures.
Environmental Superintendent	<ul style="list-style-type: none"> Implementation of the HHMP. Authorise the HHMP and future amendments. Ensure induction and training relevant to the HHMP is implemented. Manage the investigation of and response to non-conformances or incidents relating to historic heritage. Notify the relevant regulatory agencies of any incidents or non-conformances.
Environment Officer	<ul style="list-style-type: none"> Support the Environmental Superintendent in the implementation of the HHMP. Ensure training relevant to the HHMP is implemented. Review the HHMP as required. Conduct required monitoring and maintenance works as required. Promptly notify the Environmental Superintendent of any identified historic heritage issues.
All personnel	<ul style="list-style-type: none"> Adhere to the requirements of this HHMP. Report any events that may potentially result in negative impacts to historic heritage immediately to their Supervisor.



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8.0 REFERENCES

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