

18 | Indigenous Cultural Heritage



Section 18 Indigenous Cultural Heritage

18.1 Introduction

This section presents a description of the processes utilised for the identification and management of Indigenous cultural heritage associated with the Alpha Coal Project (Mine) (hereafter referred to as the Project).

The Indigenous cultural heritage study was conducted using a phased approach, the phases included:

- The development of a Cultural Heritage Management Plan (CHMP),
- The undertaking of cultural heritage surveys; and
- The development of management plans that will encapsulate survey results and provide direction on management.

18.2 Description of Environmental Values

18.2.1 Historical Background

Leichhardt's expedition was the first European exploratory party to pass through the region in the middle of the 19th century. While Leichhardt's path was well to the east, his encounters with groups of Indigenous people are relevant to the Wangan & Jagalingou people, the Aboriginal Party for the Project.

Even in the 1840s, Leichhardt recognised the signs of hostilities to come, as he wrote to his friend David Archer at Durundur: "The time of hostility and war is approaching fast and I fear you shall have your share of it" (Leichhardt, 1846). Leichhardt provided glowing reports of the pastoral possibilities of the area through which he passed, resulting in land being tendered for, and runs first leased in about 1854.

Leichhardt's predictions were correct, and almost immediately after non-Indigenous settlement commenced, hostilities broke out. By June 1862, native police troopers were brought into the area, and by the mid-1860s a police barracks had been established at Fort Cooper station north of Nebo, at North Creek, and according to oral accounts, also on the Isaac River. The death of any non-Indigenous person was always widely reported, e.g. in March 1866 both the local 'Peak Downs Telegram' and 'Brisbane Courier' drew their readers' attention to the deaths of some shepherds at 'Cootherstone', a landholding towards modern-day Peak Downs. In July and August 1870, the Native Mounted Police, stationed at Belyando, patrolled over a thousand miles of country and would have most likely impacted directly on the study area (O'Donnell, 1989).

The attrition rate of Aboriginal people in these years is not documented, but some evidence was supplied by George Bridgeman, manager of Fort Cooper Station from the early 1860s. He reported to Curr (1887) that during the first 10 years of non-Indigenous occupation in the greater Nebo area alone '... about one half of the Aboriginal population was either shot down or perished from loathsome diseases --- the black troopers, however, being the chief destroyers...' (Evans, 1971). Evans records that other local squatters also wrote of massacres, mass poisonings and dispersals in which they had participated. An example pertinent to the Wangan & Jagalingou people was the massacre that happened at 'Wolfgang', a station just north of modern-day Clermont that was first taken up by Oscar de Satge (D. King and J. Diver, pers. comm., 2007).

Some squatters realised that Indigenous people were a valuable labour force. For example, George Bridgeman is reported in the Mackay 'Mercury' in 1869 as allowing 90 Aborigines to shelter on Fort Cooper and had '...engaged 40 males, mostly boys, to clear the scrub, ringbark and cut wood in return for an occasional sheep, a plug of tobacco or some other trifling article' (Evans, 1971). By the 1880s, a number of the stations in the area employed Indigenous people, effectively providing an opportunity for the Wangan & Jagalingou people to remain in their traditional lands. Fringe camps started appearing near settlements and townships, e.g., Sandy Creek camp near Clermont (see photographs in Stringer, n.d.).

The *Aboriginal Protection and Restriction of the Sales of Opium Act 1897* resulted in a policy of forcible removals of many Indigenous people into reserves and missions, and strict regulation of the employment of those who were not shifted. Subsequent removals continued until the late 1960s, and many people from the area were removed to Taroom, Cherbourg, Woorabinda and Palm Island Aboriginal Reserves, causing massive dislocation of families and societies. Of particular importance to the study area is the Bogantungan rail siding, where many people being removed were loaded into rail wagons for their journey (J. Barnes and J. Diver pers. comm., 2007). A number of Indigenous people remained working on properties in their traditional lands, and there are also numerous examples of people under the Act returning from Reserves, when permission was granted, to work in their traditional country, thus retaining their connection.

18.2.2 Consultation

18.2.2.1 Cultural Heritage Management Plan Process

The *Aboriginal Cultural Heritage Act 2003* (ACH Act) imposes a cultural heritage duty of care on development proponents with respect to Aboriginal cultural heritage. As the Project requires an Environmental Impact Statement (EIS), Hancock Prospecting Pty Ltd (HPPL) is required under Part 7 of the ACH Act to prepare an approved CHMP to meet its cultural heritage duty of care. The CHMP manages all aspects of Indigenous cultural heritage matters for the Project, including mitigation measures.

The lands associated with the Project area are within the registered native title claim area of the Wangan & Jagalingou People (QUD85/04). Given these circumstances, the Wangan & Jagalingou People (as the recognised Aboriginal Party) have negotiated a CHMP with HPPL across the lands associated with the Project area.

Notification that HPPL intended to develop a CHMP was sent to the service address for the Wangan & Jagalingou People in September 2009. A timely response was received to indicate that the Wangan & Jagalingou People wished to take part in the development of the CHMP, and nominated that the applicant for the registered Wangan & Jagalingou native title claim comprised the Aboriginal parties for this purpose.

Meetings between the Aboriginal parties and representatives of HPPL to develop the CHMP were held in Rockhampton on 16 October 2009, Brisbane on 29 October 2009, Rockhampton on 11 and 12 November 2009, and Brisbane on 1 and 2 December 2009. A final meeting was held in Bundaberg on 16 December 2009 at which time the parties agreed on and executed the final CHMP agreement.

After finalisation, the CHMP agreement was delivered to the Cultural Heritage Coordination Unit of the Department of Environment and Resource Management (DERM) for their consideration and formal registration by the Chief Executive.

Registration was subsequently granted on 18 January 2010. On registration the CHMP agreement became the guiding document on the way in which Aboriginal cultural heritage will be managed throughout the life of the Project.

Table 18-1 provides the current status of CHMP negotiations with the Aboriginal Party.

Table 18-1: Status of Cultural Heritage Management Plan (CHMP) negotiations

Aboriginal Party	CHMP Status		
	Parties Endorsed	Agreement Executed	Approval granted by DERM
Wangan & Jagalingou People	1 November 2009	23 December 2009	18 January 2010

18.2.2.2 Hancock Prospecting Pty Ltd Policies

In addition to arrangements for cultural heritage protection and management that are documented in the CHMP, HPPL and the Wangan & Jagalingou People have developed an agreed process, called the Indigenous Peoples Policy, in respect to HPPL’s engagement with Indigenous people.

During negotiations and interactions with Indigenous people, HPPL has worked diligently to afford Indigenous people respect for their connection to the country and have ensured that Indigenous people are well equipped to resource and negotiate agreements.

18.2.3 Environmental Values

The nature and distribution of many forms of Indigenous cultural heritage in a landscape are in part associated with biophysical factors such as geology, climate and landforms that affect the availability of plants, animals and water; the location of suitable camping places; and suitable surfaces upon which rock art could be performed. Such environmental biophysical factors also affect the degree to which cultural remains have survived natural and human-induced processes. In addition, non-Indigenous land-use practices often disturb or destroy cultural heritage.

The extent of vegetation and the nature of erosion and deposition regimes also affect the visibility of cultural remains and hence the chances of their detection during ground surveys. Likewise, non-Indigenous land-use practices can disturb cultural material from its original context of deposition.

Cultural heritage surveys, undertaken by representatives of the Aboriginal Party as part of the cultural heritage processes established in the CHMP, commenced on 16 August 2010 and include both field assessment and thorough consultation with Aboriginal Parties.

It is expected that cultural heritage surveys will potentially define areas and objects of cultural significance that occur within the Project area. These may include areas containing physical evidence or objects, such as artefact scatters and scarred trees (known as “sites” in archaeological terms). In addition, areas that contain no physical evidence of human occupation may also be defined. For example, these may include ceremonial and special areas, or may consist of varieties of native food plants.

Detailed cultural heritage survey reports will be prepared for the Wangan & Jagalingou People. Each report will culminate in a management plan established through consultation between the endorsed parties and their technical advisers, and accepted by HPPL, which will provide guidance for the way in

which Aboriginal cultural heritage defined by the cultural heritage survey will be managed before construction commences and during the Project.

18.2.3.1 Desktop Review

18.2.3.1.1 Register Searches

Desktop searches of the following registers and databases were undertaken:

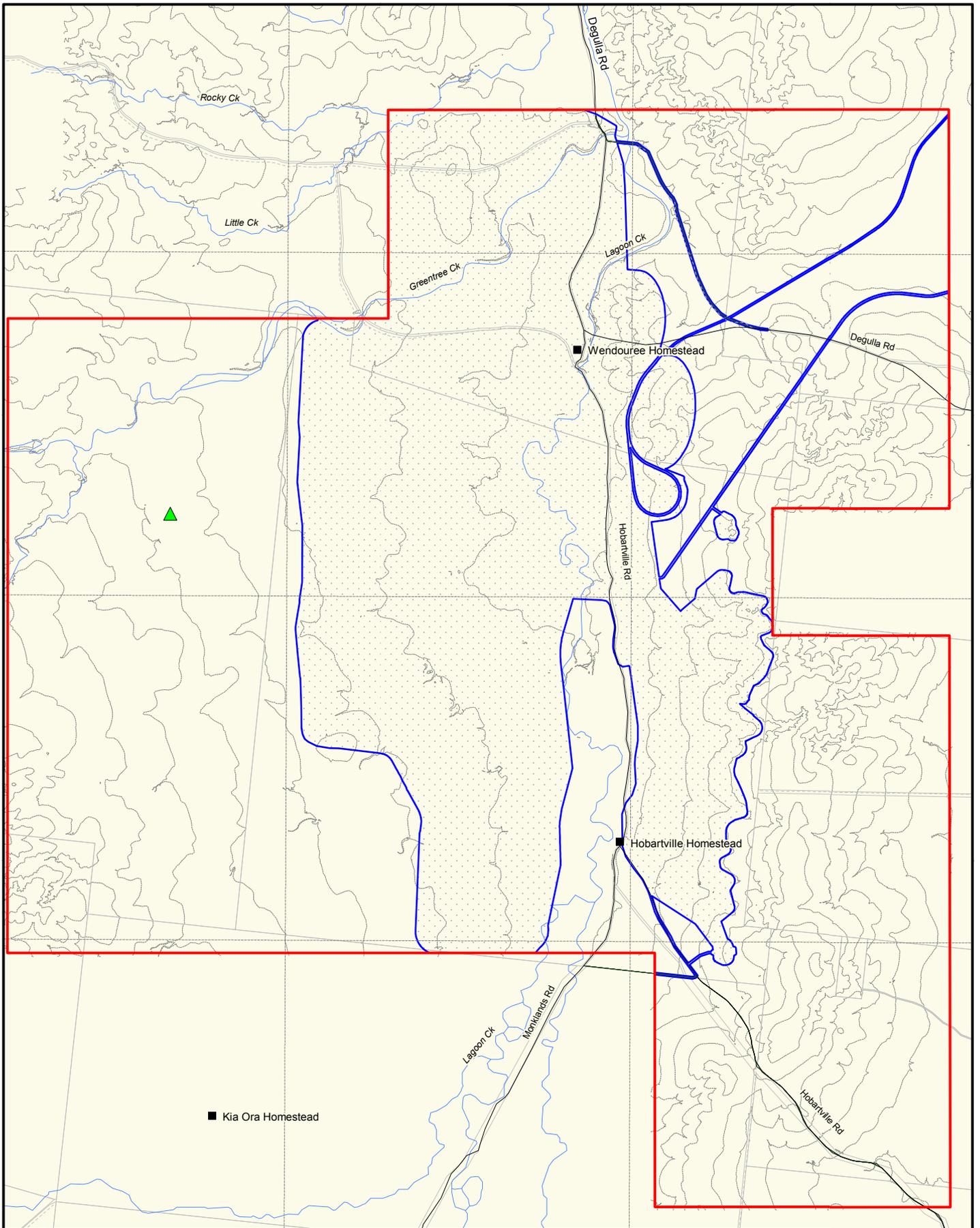
- The DERM register and database;
- The (former) Register of the National Estate, World Heritage List, National Heritage List, the Commonwealth Heritage List; and
- The Queensland Heritage Register.

The Queensland Heritage Register list sites that hold cultural significance to both Indigenous and non-Indigenous people such as contact sites and massacre sites. There were no sites listed on the Queensland Heritage Register for the area.

One site was found to be located within Mining Development Licence (MDL) 285 (see Table 18-2 and Figure 18-1). This was an artefact scatter that will be re-found during cultural heritage surveys in the area, and will be assessed in greater depth. In line with the process developed to manage all cultural heritage impacted on by the Project, a management plan will be developed for the site.

Table 18-2: Location data for Department of Environment and Resource Management registered sites within Mining Development Licence 285.

Tenement	Site ID	Datum: Geocentric Datum of Australia 1994 (GDA94)		Attribute
		Latitude	Longitude	
MDL 285	FF:A05	-23.21647	146.38052	STONE



- Mining Lease Application (MLA70426) Boundary and Study Area
- Disturbance Area
- Contour (10m interval)
- Homestead
- ▲ Indigenous Cultural Heritage Site

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HANCOCK PROSPECTING PTY LTD

Alpha Coal Project
Environmental Impact Statement

**LOCATION OF
DERM REGISTERED SITE
WITHIN THE STUDY AREA**

Job Number | 4262 6580
Revision | B
Date | 24-09-2010

Figure: 18-1

Datum: GDA94, MGA Zone55
File No: 42626580-g-2029b.wor

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18.2.3.1.2 Previous Reports

Cultural heritage surveys have commenced, and a pattern of cultural heritage is being mapped across the Project area. In addition, a number of drill pad and access track inspections have occurred during the exploration phases of the Project.

ARCHAEO Cultural Heritage Services (ARCHAEO) accompanied representatives of the Wangan & Jagalingou People in September 2009 and May 2010 during a series of drill pad and access track inspections (ARCHAEO, 2009, 2010). The results of these inspections indicate the presence of a complex cultural landscape comprised of an array of sites including stone artefact scatters, isolated stone artefacts, and scarred trees.

As cultural heritage surveys expand the archaeological record across the Project area, stone artefact scatters, scarred trees and isolated stone artefacts, is being recorded. Management of the cultural heritage being found on site have included:

- On the area of mine construction, cultural heritage is currently being left in situ until management plans can be developed for each site or area.
- All drill pads and access tracks have and will be systematically cleared of Aboriginal cultural heritage as part of the inspection process as these will be impacted on directly by drilling that must be completed before mine construction can commence.

Of particular note is the presence of a bora ground (ceremonial area) on Wendouree Station, located within the neighbouring MDL 333 and recorded in some detail by ARCHAEO as part of the drill pad and access track assessment process (ARCHAEO, 2009). The bora ground has been identified by Wangan & Jagalingou elders as holding particularly high significance to the Wangan & Jagalingou People (ARCHAEO, 2009). It was subsequently recommended that further investigation, consultation and management of this site be undertaken in conjunction with appropriate representatives of the Wangan & Jagalingou People.

18.2.4 Assessment of Significance

In Queensland, the assessment of significance for Aboriginal cultural heritage is guided by the ACH Act and the Australia International Council on Monuments and Sites (ICOMOS) Charter for Places of Cultural Significance (the Burra Charter) (Australia ICOMOS, 1999).

The ACH Act acknowledges in its fundamental principles that 'recognition, protection and conservation of Aboriginal cultural heritage should be based on respect for Aboriginal knowledge, culture and traditional practices' (Section 5[a]) and that 'Aboriginal people should be recognised as the primary guardians, keepers and knowledge holders of Aboriginal cultural heritage' (Section 5[b]). These principles are implied in the ACH Act's definition of Aboriginal cultural heritage, which is defined as anything that is 'a significant Aboriginal area in Queensland; or a significant Aboriginal object; or evidence, of archaeological or historic significance, of Aboriginal occupation of an area of Queensland' (Section 8). A significant Aboriginal area or object is defined as an area or object of 'particular significance to Aboriginal people' because of Aboriginal tradition or the history, including contemporary history, of any Aboriginal Party in the area.

The application of significance is ultimately the responsibility of the Aboriginal Party, who may have regard for 'authoritative anthropological, bio-geographical, historical and archaeological information'

provided by a person with skills in that area. For this reason, the assessment of significance is achieved by an amalgamation of both scientific and cultural approaches.

18.2.4.1 Scientific (Archaeological) Significance

Although not codified in law, the Burra Charter is the foundation document upon which Australian cultural heritage management best practice is based. The Burra Charter was first adopted in 1979 by Australia ICOMOS and was initially designed for the conservation of and management of historical heritage. However, after the addition of further guidelines that defined cultural significance and conservation policy, use of the charter was subsequently extended to Aboriginal studies.

The Burra Charter defines conservation as 'the processes of looking after a place so as to retain its cultural significance' (Article 1.4). A place is considered culturally significant if it possesses aesthetic, historic, scientific, social or spiritual value for past, present or future generations (Article 1.2).

Article 5 of the Burra Charter states that:

Conservation of a place should identify and take into consideration all aspects of its cultural and natural significance without unwarranted emphasis on any one value at the expense of others.

Every place has a history, aesthetic value or a social meaning to some member of a community. Most places therefore meet some of the criteria prescribed above. It is, however, neither possible nor desirable to conserve every place. Some measures must be applied to these broad criteria in order to determine the degree of significance. The degree to which a place is significant will determine the appropriate conservation management for that place.

Using the Burra Charter as a reference base, scientific significance of an area or object is assessed according to its research potential and representativeness. Archaeological research potential refers to a site's ability to provide information on past human activities, particularly everyday life, which more often than not is not available in documentary sources. Specifically, archaeological areas or objects (what archaeologists refer to as sites) can supplement other information on local histories by identifying physical relics of human activities, past climates, vegetation patterns, and past diets and resources through processes such as the analysis of pollen grains and by the identification and analysis of plant, shell and bone remains within archaeological deposits. Such information may provide insight into local cultural history spanning hundreds or even thousands of years or to even more general questions relating to the evolution of cultures.

Representativeness refers to the ability of one site or a sample of sites to represent as accurately as possible the range and frequency of site types in a particular area. The notion of representativeness is also related to the maintenance of site diversity: the rarer a site, the greater its significance. In areas not well represented by physical, archaeological remains, all sites must be considered significant until proven otherwise. Older sites, those that contain particular attributes, or a mixture thereof, that are not found elsewhere, or those in which the archaeological material is unusually well preserved would potentially fall within the category of unique.

The scientific significance of a site generally increases as its potential to provide information increases. For any given place the significance will be greater where evidence of its association with the event that created it survives in situ than where it has been changed or evidence of context does not survive.

18.2.4.2 Areas and Objects of Significance to Traditional Owners

Under the ACH Act, Aboriginal cultural heritage includes areas and objects where there may be no physical manifestation of human use, but that are culturally significant to Aboriginal people. It also includes places of archaeological or historical significance. Notably, under the ACH Act significant cultural places are not restricted to the period prior to contact with non-indigenous people and may include places and events that date from the contact period and the more recent past. In particular, if such events relate to a specific place in the landscape, then that place (i.e. a site in archaeological terms, or an area or object in accordance with the ACH Act) may become sacred or highly significant to the Aboriginal communities connected to it. Importantly, an assessment of the levels of scientific significance of a particular object or place are not always consistent with Aboriginal people's cultural evaluations, and as such under the ACH Act Aboriginal cultural values of an area or object override other forms of significance assessment.

18.2.5 Findings

Per the CHMP agreement, the Indigenous cultural heritage survey of the mine site commenced on 16 August 2010, and it is predicted that this survey will result in the identification of a variety of Indigenous cultural heritage areas and objects.

Considering the landscape context of the Project (Section 18.2.3) and the desktop review (Section 18.2.3.1), it may be extrapolated that the study area, when intensively surveyed, will contain a number of areas and objects of Aboriginal cultural heritage. The types of areas and objects possible within the study area include:

- Isolated stone artefacts consisting of individual find sites of a single artefact that have been assessed by the archaeologist and the survey team as being separated and unrelated to other artefacts and/or archaeological features.
- Stone artefact scatters incorporating a group of two or more artefacts located on the ground surface within an arbitrary linear distance nominated by the archaeologist that is subject to factors such as artefact type, environment, visibility, integrity and previously recorded site characteristics occurring within the larger study area.
- Scarred trees incorporating trees where the bark has been removed for a variety of reasons, including for use in the preparation of bark sheets for shelters, making canoes, shields and coolamons (containers), or to gain access to possums, honey and other food sources. Due to extensive historical clearing combined with bushfires, scarred trees are becoming an increasingly rare cultural resource, and living scarred trees are even rarer.
- Carved trees featuring carvings that were often associated with burial and ceremonial areas. As so many trees have been lost to bushfires, clearing and natural attrition, any carved trees will be regarded as having high levels of both cultural and scientific significance.
- Camp sites incorporating archaeological features such as hearths (fireplaces) and stone artefact scatters that represent occupation areas. Hearths are not common in most areas, but where located have the potential to contain important datable organic material (charcoal, burnt seeds, etc.), which may assist in determining the age of the camp site. If a number of fireplaces are found, then the potential to find dates through periods of time is potentially of scientific significance.

- Natural features in the landscape that hold cultural significance for the Wangan & Jagalingou People. These may include creeks or billabongs carrying permanent water, mountains or rock features.
- Quarries and stone resource areas where stone utilised in the production of stone tools was being sourced.
- Ceremonial areas in addition to the known bora ground at Wendouree Station.

18.3 Potential Impacts and Mitigation Measures

As outlined in Section 18.2.2.1 above, as the Project requires an EIS, HPPL is required under Part 7 of the ACH Act to prepare an approved CHMP to meet its cultural heritage duty of care. The CHMP manages all aspects of Indigenous cultural heritage matters for the Alpha Coal Project (Mine), including mitigation measures.

Importantly, the CHMP also provides an effective dispute resolution process that the Wangan & Jagalingou People and HPPL have both accepted as an appropriate way in which to negotiate outcomes in the event of disagreement.

18.3.1 Potential Impacts

All potential impacts are assessed in regards to the value or significance of the cultural heritage place. Cultural heritage significance relates to people's perspective of place and sense of value, within the context of history, environment, aesthetics and social organisation, as discussed in Section 18.2.3. The scientific and Aboriginal assessments of significance and impacts will be carried out as part of the CHMP process. Protection, management and mitigation measures will be discussed and incorporated into the cultural heritage survey report, following the completion of cultural heritage surveys, which will include Wangan & Jagalingou traditional owners and archaeologists to ensure that all areas of significance are identified, this commenced in August 2010.

The study area will potentially be the site of an open cut mine, and as such it is reasonable to predict that areas and objects of Aboriginal cultural heritage in that study area will be directly impacted on by mining operations.

It is also reasonable to predict that during the Project, further Aboriginal cultural heritage will also become apparent. The CHMP has a New Finds section that provides the Wangan & Jagalingou People and HPPL with guidance on what courses of action to follow in the event that this occurs. This process, in conjunction with cultural awareness training, will provide appropriate management of all new finds of cultural heritage during construction and mining operations.

18.3.2 Mitigation Measures

Measures for the management of areas and objects of Aboriginal cultural heritage include:

- Avoidance; and
- Total protection.

This can be achieved through to a number of different mitigation methods that include the systematic recording, collection and removal and analysis of identified artefactual material from development areas.

Avoidance of direct impact and long-term protection comprise the preferred form of management for the Wangan & Jagalingou People, which offers the best way in which scientific significance can be preserved. However, the development of an open cut mine by implication suggests that avoidance and protection of many of the areas and objects that will be found during the cultural heritage survey will not be possible.

The Wangan & Jagalingou People have already recognised this situation in the Cultural Heritage Management Plan (CHMP) that exists between them and HPPL. Section 5 within the CHMP states that the parties agree that the principles of effective recognition, protection and conservation of Aboriginal cultural heritage depend on avoidance where possible, but if it cannot reasonably be avoided, minimisation of harm through mitigation measures will be acceptable. The CHMP also accepts that disturbance of the ground during the development of the Project is a necessary component of the Project.

Under these circumstances, scientific advice to the Wangan & Jagalingou People will be to undertake mitigation methods that maximise protection of the values of Aboriginal cultural heritage found during the cultural heritage survey of the study area. Protection of values in this situation is dependent on a combination of cultural and archaeological approaches that may include:

- Detailed recording of areas and objects;
- Systematic collection and removal from the area of disturbance;
- Collection of any information (inclusive of archaeological excavation where appropriate) from the context of the area or object, e.g., material that could lead to more information through dating, pollen, residue and use wear analysis;
- Where potential exists for sub-surface cultural heritage, the development of a monitoring program during earth disturbance; and
- Preparation of detailed site-specific management plans prepared by the archaeologists to the Project that may recommend other measures such as sub-surface investigation through test-pitting or excavation and analysis of outcomes.

In addition, where avoidance is possible, the preparation of site-specific management plans that provide clear directions and processes for protection of the area or object will be drawn up so that accidental harm during project activities is avoided.

Cultural awareness training will be a crucial element of management, with the intention of training people involved in the Project in avoidance and protection of known cultural heritage sites, what cultural heritage may reasonably be in the landscape, and what to do in the event of a find of cultural heritage not previously defined during the cultural heritage survey.