

Appendix G

Aboriginal Archaeology Assessment

25 June 2015

Jason Martin
Hansen Bailey Environmental Consultants
PO Box 473
Singleton, NSW 2330

Fax No: (02) 6575 2001

Dear Jason,

RE: Aboriginal Archaeological Due Diligence Assessment for Bengalla Development Consent Modification

1.0 Introduction

AECOM Australia Pty Ltd (AECOM) was commissioned by Hansen Bailey Environmental Consultants (Hansen Bailey), on behalf of Bengalla Mining Company (BMC), to undertake an Aboriginal archaeological due diligence assessment of land required to facilitate the construction of clean water diversion levees (Project area).

BMC is seeking approval from the NSW Minister for Planning or their delegate for a modification to SSD-5170. The modification is sought under section 96(2) of the *Environmental Planning and Assessment Act* (EP&A Act) for the following:

- Alterations to various water management infrastructure components including:
 - Utilisation of the Satellite Pit as a temporary dirty water catchment dam;
 - Relocation of the Staged Discharge Dam Hunter River Salinity Trading Scheme (HRSTS) staged discharge release point;
 - Construction of clean water diversion levees in locations other than those already approved; and
 - Revised locations for the proposed relocation of the Hunter River and Washery Dams.
- Additional (possible alternative) location for the siting of the Explosives Storage Facility; and
- The placement of fill from the excavation of CW1 immediately adjacent to it.

The required levees are the subject of this assessment and are located partly outside of the previously delineated Disturbance Boundary (Figure 1). They are associated with construction of Clean Water Dam 1 (CW1), which will be constructed as part of the approved Bengalla Continuation of Mining Project (SSD-5170).

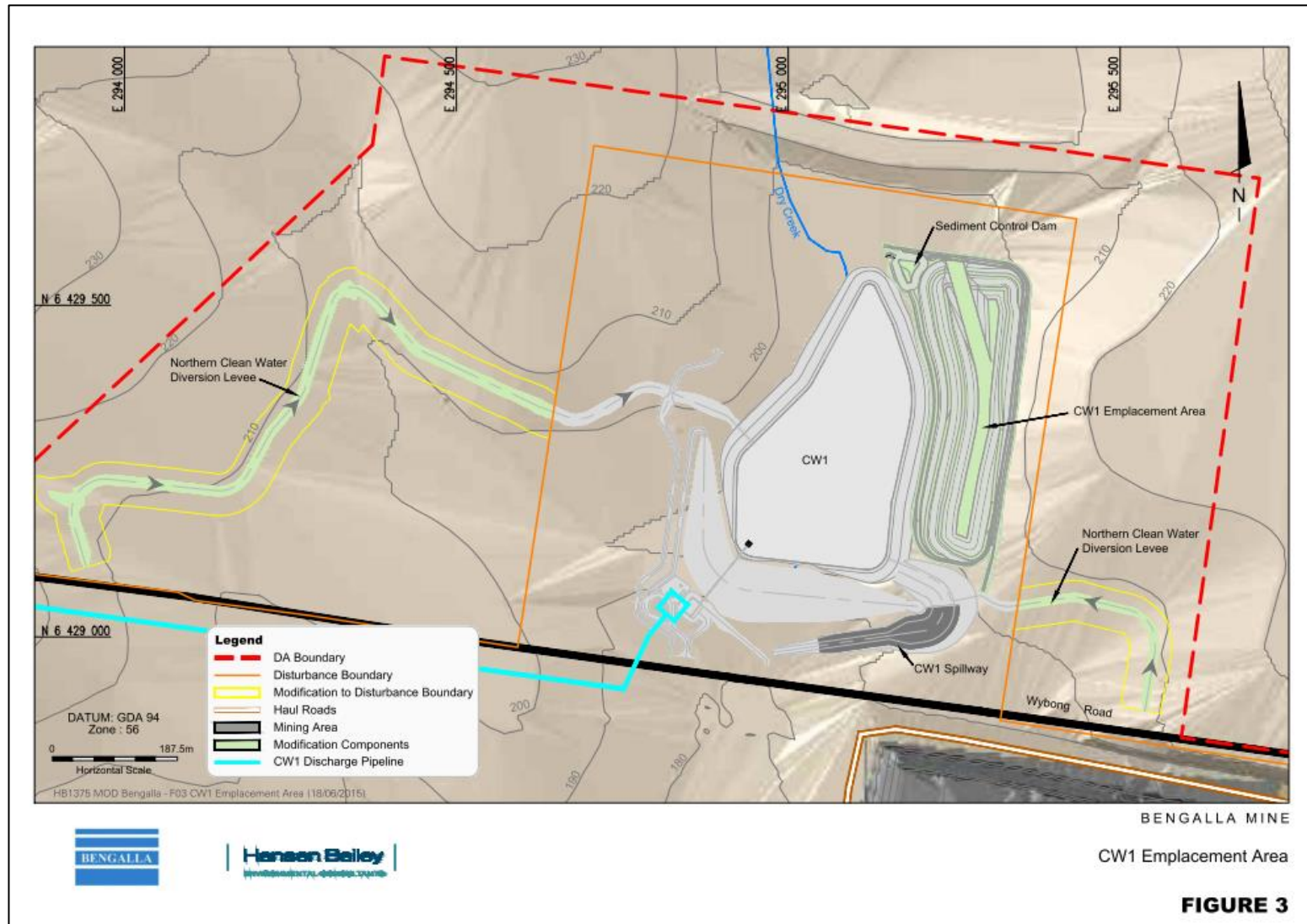


Figure 1: CW1 Emplacement Strategy

2.0 Relevant Legislation and Approved Aboriginal Heritage Management Plans

The *National Parks and Wildlife Act 1974* (NPW Act), administered by OEH, is the primary legislation for the protection of Aboriginal cultural heritage in NSW. The NPW Act gives the Director General of OEH responsibility for the proper care, preservation and protection of 'Aboriginal objects' and 'Aboriginal places', defined under the Act as follows:

- an *Aboriginal object* is any deposit, object or material evidence (that is not a handicraft made for sale) relating to Aboriginal habitation of NSW, before or during the occupation of that area by persons of non-Aboriginal extraction (and includes Aboriginal remains).
- an *Aboriginal place* is a place declared so by the Minister administering the NPW Act because the place is or was of special significance to Aboriginal culture. It may or may not contain Aboriginal objects.

Part 6 of the NPW Act provides specific protection for Aboriginal objects and places by making it an offence to harm them. The NPW Act includes a 'strict liability offence' for harm to Aboriginal objects and places. A 'strict liability offence' does not require someone to know that it is an Aboriginal object or place they are causing harm to in order to be prosecuted. Defences against the 'strict liability offence' include the carrying out of certain 'low impact activities', prescribed in Clause 80B of the *National Parks and Wildlife Regulation 2009* (NPW Regulation), and the demonstration of due diligence.

With the exception of projects approved under Division 4.1 of Part 4 (formerly Part 3A) of the EP&A Act (Section 89J(d)) where there is an approved Aboriginal Cultural Heritage Management Plan (ACHMP), an Aboriginal Heritage Impact Permit (AHIP) is required if impacts to Aboriginal objects and/or places cannot be avoided. An AHIP is a defence to a prosecution for harming Aboriginal objects and places if the harm was authorised by the AHIP and the conditions of that AHIP were not contravened.

In relation to this Project, Aboriginal sites within the approved Bengalla Mine Development Consent boundary are currently managed under the *Bengalla Mine Aboriginal Cultural Heritage Management Plan* (Bengalla Mine ACHMP 2015). It is, however, noted that the Modification land assessed for this due diligence is located outside of previously delineated Disturbance Boundary and as such, will not be covered by the Bengalla Mine ACHMP until the Modification is approved.

3.0 Proposed Activity

The Modification requires the construction of two diversion levees north of Wybong Road to divert clean water into CW1. These minor levees are located partially outside the previously delineated Disturbance Boundary and will require a minor increase of approximately 9.1 ha (0.1% increase) to the total Disturbance Boundary.

All other components subject to the Modification are located within the Disturbance Boundary and as a result will be managed in accordance with the approved Bengalla Mine ACHMP.

4.0 Data Sources

Information regarding the known and potential Aboriginal archaeological resource of the Project area was obtained from:

- A review of the landscape context of the Project area and surrounds;
- A review of existing Aboriginal Heritage Information Management System (AHIMS) data for all land within the Project area obtained from OEH on 5 June 2015 (AHIMS ID #176180);
- A review of Bengalla Mine Aboriginal sites data held by AECOM as resulting from the completion of the *Bengalla Continuation of Mining Project Aboriginal Archaeological and Cultural Heritage Impact Assessment* (AECOM 2013);
- A review of the findings of past Aboriginal archaeological investigations for Bengalla Mine and adjacent mine complexes; and
- A site inspection of the Project area on 16 June 2015 by a combined field team of AECOM archaeologists Geordie Oakes and Darran Jordan, and Aboriginal community members.

- Environmental Elements

Environmental variables such as topography, geology, hydrology and vegetation will have played a critical role in influencing how people moved within and utilised the landscape. Accordingly, any attempt to predict or interpret the character and distribution of Aboriginal sites must take such environmental factors into account.

Key observations from the background review of the landscape context of the Project area are presented in Table 1.

Table 1 Environmental Elements relevant to the Project area

Environmental Element	Description
Topography	The topography of the Project area consists of a moderately inclined slope (lower and mid portions). Existing archaeological data indicates that lower slopes are archaeologically sensitive, while mid slopes are not, particularly when moderately sloped.
Hydrology	Dry Creek, a 3 rd order creekline, is the principal creek associated with the Project area with its main channel passing to the east. The creek flows in a south-easterly direction beginning north of Bengalla and traversing in a general north-south direction through the Bengalla DA Boundary to the Hunter River. A tributary of Dry Creek is located within the western portion of the Project area. Existing archaeological data indicates that proximity to creeklines is a key variable in the location of Aboriginal archaeological sites, with sites often found within 200 m of creeklines.
Geology	Reference to the Singleton 1:100 000 Geological Mapsheet (SI/56-01) suggests that the surface geology of the Project area consists predominately of geology associated with Triassic Singleton Coal Measures. Lithic material found within with the Singleton Coal Measures includes sandstone, shale, mudstone, conglomerate and coal seams. In addition, a known source of silcrete, commonly utilised in Aboriginal stone tool manufacture, is located 3 km south of the Project area.
Soils	Soils within the Project area have been mapped by Kovac and Lawrie (1991) as belonging to the Roxburgh soil landscape. Roxburgh soils are soils are considered to undergo varying levels of erosion and movement making them, in places, unlikely to contain subsurface archaeological deposit.
Flora & Fauna	Extant vegetation in the Project area has been largely been cleared and predominately consists of grasses in open pasture areas. As a result, Aboriginal scarred trees are not considered likely within the Project area.
Past Disturbance	Known past land use disturbances within the Project area include vegetation clearance and grazing activities. If present, Aboriginal sites within the Project area may have been disturbed by these activities.

5.0 Aboriginal Heritage Information Management System (AHIMS)

A search of the AHIMS database was undertaken on 5 June 2015 (AHIMS ID #176180) (Appendix A) to identify previously recorded sites within an approximate 2 x 2 km area centred on the Project area. A total of 229 previously recorded Aboriginal sites were identified within the search area comprising 223 open artefact sites (i.e., isolated artefacts and artefact scatters) and six scarred trees.

Consideration of the location of previously recorded sites indicates that one site is located directly within the Project area – open artefact site A7-A8 (AHIMS#37-2-1468). In addition, the search indicated that four sites are located within 50 m of the project area including open artefact sites AHIMS#37-2-1469, 37-2-2891, 37-2-2896, and 37-2-2897. Table 2 provides a summary of site types within the search area with their locations shown on Figure 2.

Table 2 Site search results

Site Type	Count	%
Open artefact site (i.e., isolated artefacts and artefact scatters)	223	97.4
Scarred trees	6	2.6
Total	229	100

6.0 Previous Aboriginal Archaeological Investigations

The Aboriginal archaeology of the Bengalla area and surrounds is well researched, having been the subject of numerous Aboriginal archaeological investigations since the early 1990s (for a detailed review see AECOM, 2013). Major surveys and excavation programs include those undertaken by Rich (1993), White (1998), ERM (2007), ERM (2008), Central Queensland Cultural Heritage Management (2010) and AECOM (2013).

Key observations to be drawn from a review of the findings of these and other investigations undertaken in the area are as follows:

- Artefact scatters and isolated finds - collectively referred to as open artefact sites - are the most common site types within this area.
- Aboriginal stone quarry site B10, comprising tertiary ridge gravels and associated quarrying activities, is mapped within the Bengalla Mine Development Consent boundary.
- Scarred trees may be present within the local area where remanent vegetation remains.
- Stone artefacts can occur within any landform element, both in surface and subsurface contexts.
- Stone artefact distributions tend to vary significantly with landform and stream order, with larger complex deposits occurring on/within low gradient landform elements directly associated with higher order streams such as Dry Creek.
- Recorded stone artefact assemblages consist principally of flake and non-flake debitage (i.e., flakes (complete and broken), flake shatter fragments and flaked pieces), with cores, retouched tools and groundstone implements comparatively poorly represented.
- Silcrete was the dominant raw material for stone artefact manufacture in the Bengalla area.
- Key archaeological implications of historic European land use activities within this area include:
 - The disturbance of pre-existing sites and deposit(s) through both direct and indirect means, resulting in a loss of archaeological integrity;
 - The likely removal of culturally scarred trees; and
 - An increase, in areas affected by erosion, of archaeological site visibility.

0a4

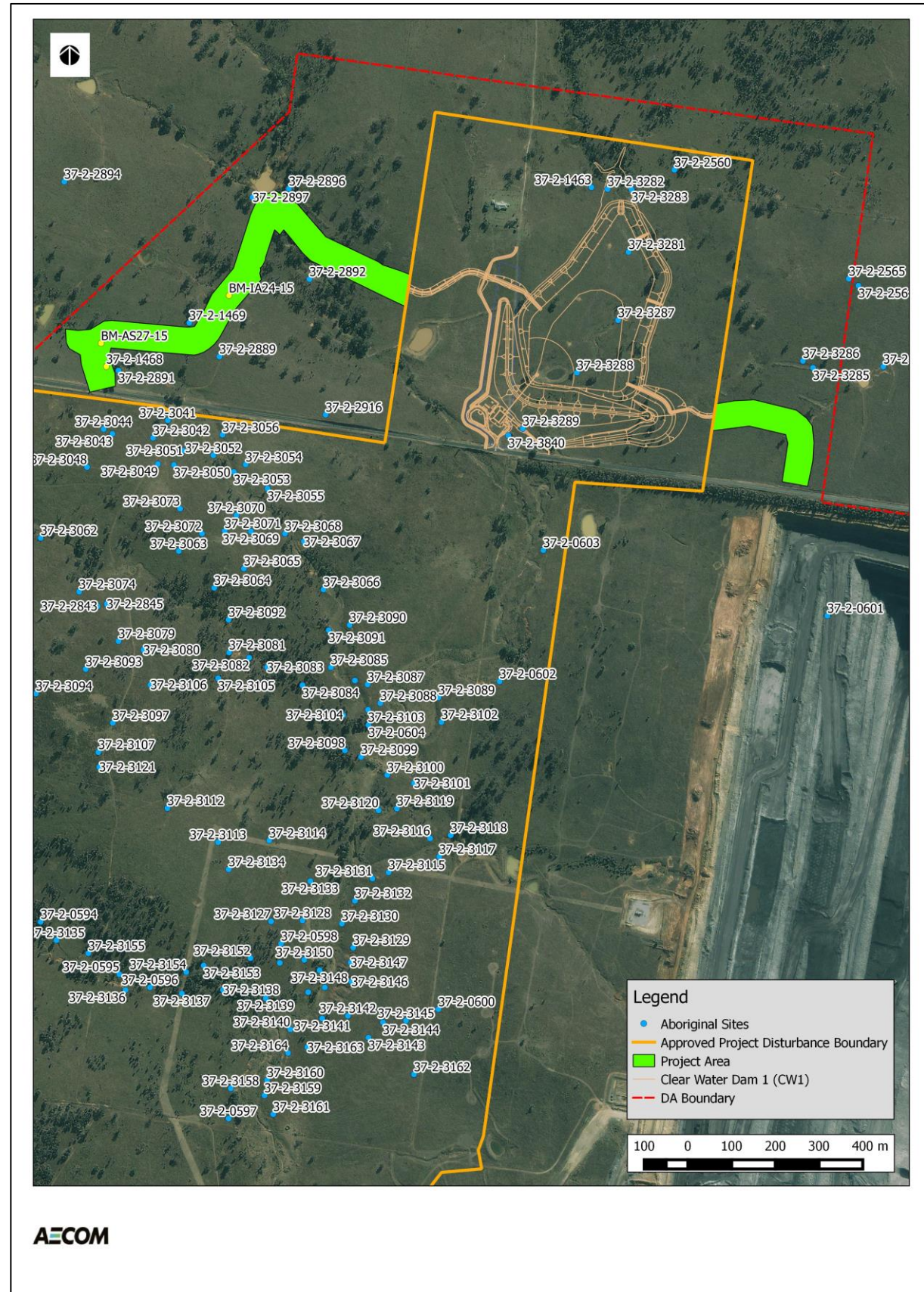


Figure 2: Levees outside approved operations and Aboriginal sites

7.0 Site Inspection

A site inspection of the Project area was completed on 16 June 2015 by a combined field team of AECOM archaeologists Geordie Oakes and Darran Jordan, and Aboriginal community members including Maree Waugh, Georgina Berry and Annie Hickey. The purpose of the inspection was to identify surface evidence of past Aboriginal activity and to assess the levels of archaeological sensitivity. During the inspection notes were taken on the Project area's environmental variables including topography, landform elements and distance to creekline.

Two newly recorded Aboriginal sites were identified within the Project area during the site inspection including artefact scatter BM-AS27-15 and isolated artefact site BM-IA24-15. Site details are provided below.

Site Name: BM-AS27-15

Site type: Artefact scatter

Co-ordinates: 293943mE 6429212mN GDA 94 (Zone 56)

Landform: Lower slope

Site Area: 1m²

Artefacts: 1 x silcrete flake shatter, 1 x tuff complete flake

Disturbance Factors: Erosion, vegetation clearance

Significance: Low (scientific)



Plate 1: BM-AS27-15 (view north)



Plate 2: BM-AS27-15

Site Name: BM-IA24-15

Site type: Isolated artefact

Co-ordinates: 294235mE 6429321mN GDA 94 (Zone 56)

Landform: Lower slope

Site Area: 1m²

Artefacts: 1 x silcrete complete flake

Disturbance Factors: Vehicle track construction, erosion, vegetation clearance

Significance: Low (scientific)



Plate 3: BM-IA24-15 (view west)



Plate 4: BM-IA24-15

8.0 Key Findings and Recommendations

The key findings of this due diligence assessment are as follows:

- With the exception of the levees all other components subject to Modification are located within the currently delineated Disturbance Boundary and as a result will be managed in accordance with the approved Bengalla Mine ACHMP.
- A review of existing AHIMS data sites indicates that one site is located directly within the Project area – open artefact site A7-A8 (AHIMS#37-2-1468). In addition, the search indicated that four sites are located within 50 m of the project area including open artefact sites AHIMS#37-2-1469, 37-2-2891, 37-2-2896, and 37-2-2897. These sites represent potential impact risks.
- Two new sites were identified within the Project area that would be impacted as a result of the construction of the diversion levees - including artefact scatter BM-AS27-15 and isolated artefact site BM-IA24-15.
- A review of the landscape context of the Project area suggests that land associated with the tributary of Dry Creek located within the Project area is archaeologically sensitive.

On the basis of the above findings, the following recommendations are made:

- Impacts to AHIMS sites 37-2-1469, 37-2-2891, 37-2-2896, and 37-2-2897 should be avoided. As a precaution the sites should be temporarily fenced. Temporary fencing may consist of high visibility barrier mesh attached to star pickets. A suitable buffer of 5 to 10 m should be established as part of the temporary fencing to exclude the sites from potential impact.
- Impacts to previously recorded AHIMS site A7-A8 (#37-2-1468) and newly recorded Aboriginal sites BM-AS27-15 and BM-IA24-15 should be salvaged in accordance with the *Bengalla Mine Aboriginal Cultural Heritage Management Plan* (Bengalla Mine ACHMP) modified as required, once Modification to SSD-5170 has been approved.
- AHIMS site cards should be completed for Aboriginal sites BM-AS27-15 and BM-IA24-15 and submitted to the AHIMS register.
- In the event that Aboriginal objects, including possible human skeletal material (remains), are identified during project related activities all works must cease immediately in the area and the procedures identified in the Bengalla Mine ACHMP are to be followed. This will include contacting BMCs Environment Manager and engaging a qualified archaeologist to assess the site.

Yours faithfully,



Geordie Oakes
Archaeologist
geordie.oakes@aecom.com

Direct Dial: +64 2 89340610
Direct Fax: +64 2 89340001

9.0 References

- AECOM Australia Pty Ltd. (2013). *Bengalla Continuation of Mining Project Aboriginal Archaeological and Cultural Heritage Impact Assessment*. Sydney: Unpublished report for Hansen Bailey.
- Central Queensland Cultural Heritage Management. (2010). *Mount Pleasant Project Modification Aboriginal Cultural Heritage Assessment Report. Forest Ecology and Management* (Vol. 52). Unpublished report to Coal and Allied Operations Pty Ltd.
- Environmental Resources Management Australia Pty Ltd (ERM). (2007). *Bengalla Mine Section 90 # 2621 Aboriginal Heritage Salvage Collection Report*. Unpublished report for Bengalla Mining Company.
- Environmental Resources Management Australia Pty Ltd (ERM). (2008). *Bengalla Mine Section 90 #2621 Aboriginal Heritage Salvage of Area B10 Collection Report*. Unpublished report to Hansen Bailey.
- Kovac, M., & Lawrie, J. W. (1991). *Soil Landscapes of the Singleton 1:250 000 Sheet*. Sydney: Soil Conservation Service of NSW.
- Rich, E. (1993). *Proposed Bengalla Coal Mine, Muswellbrook NSW: Archaeological Survey for Aboriginal Sites*. Unpublished report for Wayne Perry & Associates.
- White, E. (1998). *Archaeological Salvage of Site B10 & B33 Bengalla Mine, Hunter Valley, NSW*. Unpublished report for Bengalla Mining Company.

10.0 Appendix A (AHIMS Search)

AHIMS Web Services (AWS)

Extensive search - Site list report

Purchase Order/Reference : 60330955 1.1

Client Service ID : 176180

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
37-2-3042	MTP-462	GDA	56	294062	6428996	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3049	MTP-469	GDA	56	294073	6428936	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3090	MTP-510	GDA	56	294512	6428568	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3289	MTP-710	GDA	56	294908	6429017	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-4433	BM-AS 01-12	GDA	56	294901	6428871	Open site	Valid	Artefact : 1		
	<u>Contact</u>	<u>Recorders</u>	Mr.Geordie Oakes,AECOM Australia Pty Ltd (previously HLA-Envirosciences) <u>Permits</u>							
37-2-4434	BM-AS 02-12	GDA	56	294815	6428544	Open site	Valid	Artefact : 1		
	<u>Contact</u>	<u>Recorders</u>	Mr.Geordie Oakes,AECOM Australia Pty Ltd (previously HLA-Envirosciences) <u>Permits</u>							
37-2-0602	B33;	AGD	56	294750	6428250	Open site	Valid	Artefact : -	Open Camp Site	2687,100681,100765
	<u>Contact</u>	<u>Recorders</u>	Ms.Laila Haglund <u>Permits</u> 851							
37-2-0603	B34;	AGD	56	294850	6428550	Open site	Valid	Artefact : -	Open Camp Site	2687,100681,100765
	<u>Contact</u>	<u>Recorders</u>	Ms.Laila Haglund <u>Permits</u> 851							
37-2-0604	B35;	AGD	56	294450	6428150	Open site	Valid	Artefact : -	Open Camp Site	2687,100681,100765
	<u>Contact</u>	<u>Recorders</u>	Elizabeth Rich <u>Permits</u>							
37-2-1469	A33-A34;	AGD	56	294040	6429070	Open site	Valid	Artefact : -	Open Camp Site	4105
	<u>Contact</u>	<u>Recorders</u>	Elizabeth Rich,Barry French <u>Permits</u> 3459							
37-2-2889	MTP-85	GDA	56	294214	6429182	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-2892	MTP-88	GDA	56	294420	6429359	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-2896	MTP-92	GDA	56	294373	6429566	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-2897	MTP-93	GDA	56	294290	6429546	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-2902	MTP-98	GDA	56	294039	6429763	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-2903	MTP-99	GDA	56	294389	6429775	Open site	Valid	Modified Tree (Carved or Scarred) : -		

Report generated by AHIMS Web Service on 05/06/2015 for Geordie Oakes for the following area at Datum :GDA, Zone : 56, Eastings : 294000 - 295000, Northings : 6428255 - 6430255 with a Buffer of 0 meters. Additional Info : Archaeological assessment. Number of Aboriginal sites and Aboriginal objects found is 58

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

AHIMS Web Services (AWS)

Extensive search - Site list report

Purchase Order/Reference : 60330955 1.1

Client Service ID : 176180

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3041	MTP-461	GDA	56	294096	6429036	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3050	MTP-470	GDA	56	294110	6428934	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3051	MTP-471	GDA	56	294131	6428967	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3052	MTP-472	GDA	56	294200	6428956	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3053	MTP-473	GDA	56	294247	6428918	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3054	MTP-474	GDA	56	294274	6428935	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3055	MTP-475	GDA	56	294324	6428880	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3056	MTP-476	GDA	56	294221	6429003	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3063	MTP-483	GDA	56	294121	6428737	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3064	MTP-484	GDA	56	294202	6428653	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3065	MTP-485	GDA	56	294270	6428697	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3066	MTP-486	GDA	56	294452	6428649	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3067	MTP-487	GDA	56	294407	6428759	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3068	MTP-488	GDA	56	294364	6428777	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3069	MTP-489	GDA	56	294286	6428782	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		
37-2-3070	MTP-490	GDA	56	294253	6428819	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts					Permits		

Report generated by AHIMS Web Service on 05/06/2015 for Geordie Oakes for the following area at Datum :GDA, Zone : 56, Eastings : 294000 - 295000, Northings : 6428255 - 6430255 with a Buffer of 0 meters. Additional Info : Archaeological assessment. Number of Aboriginal sites and Aboriginal objects found is 58

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

AHIMS Web Services (AWS)

Extensive search - Site list report

Purchase Order/Reference : 60330955 1.1

Client Service ID : 176180

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
37-2-3071	MTP-491	GDA	56	294226	6428783	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3072	MTP-492	GDA	56	294174	6428777	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3073	MTP-493	GDA	56	294124	6428834	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3080	MTP-500	GDA	56	294040	6428511	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3081	MTP-501	GDA	56	294236	6428505	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3082	MTP-502	GDA	56	294282	6428493	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3083	MTP-503	GDA	56	294323	6428471	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3084	MTP-504	GDA	56	294404	6428430	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3085	MTP-505	GDA	56	294469	6428471	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3086	MTP-506	GDA	56	294524	6428441	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3087	MTP-507	GDA	56	294553	6428432	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3088	MTP-508	GDA	56	294582	6428389	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3089	MTP-509	GDA	56	294715	6428402	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3091	MTP-511	GDA	56	294464	6428556	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3092	MTP-512	GDA	56	294235	6428580	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-3098	MTP-519	GDA	56	294501	6428281	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							
37-2-2913	MTP-109	GDA	56	294273	6430211	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>	Mr.Lennard Roberts <u>Permits</u>							

Report generated by AHIMS Web Service on 05/06/2015 for Geordie Oakes for the following area at Datum :GDA, Zone : 56, Eastings : 294000 - 295000, Northings : 6428255 - 6430255 with a Buffer of 0 meters. Additional Info : Archaeological assessment. Number of Aboriginal sites and Aboriginal objects found is 58

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

AHIMS Web Services (AWS)

Extensive search - Site list report

Purchase Order/Reference : 60330955 1.1

Client Service ID : 176180

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
37-2-2914	MTP-110	GDA	56	294212	6430165	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts							
37-2-2916	MTP-113	GDA	56	294457	6429049	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts							
37-2-3099	MTP-520	GDA	56	294538	6428266	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts							
37-2-3102	MTP-523	GDA	56	294722	6428346	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts							
37-2-3103	MTP-524	GDA	56	294554	6428374	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts							
37-2-3104	MTP-525	GDA	56	294497	6428362	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts							
37-2-3105	MTP-526	GDA	56	294211	6428446	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts							
37-2-3106	MTP-527	GDA	56	294056	6428431	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts							
37-2-3840	MTP-1262	GDA	56	294875	6429001	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Lennard Roberts							

Report generated by AHIMS Web Service on 05/06/2015 for Geordie Oakes for the following area at Datum :GDA, Zone : 56, Eastings : 294000 - 295000, Northings : 6428255 - 6430255 with a Buffer of 0 meters. Additional Info : Archaeological assessment. Number of Aboriginal sites and Aboriginal objects found is 58

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