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3 May 2011

Mr David Kitto  
Director, Mining & Industry  
Department of Planning  
GPO Box 39  
SYDNEY NSW 2001

Attention: Nick Hall

Dear Nick,

**Response to the Office of Environment & Heritage submission on development consent modification application (DA 309-11-2001 MOD 7) for the Ashton Coal Mine**

The Department has requested further clarification on the assessment of Aboriginal cultural heritage and a response to the issues raised in the Office of Environment & Heritage's (OEH) submission on Ashton Coal Operations Pty Limited's (ACOL) application to modify development consent DA 309-11-2001 – MOD-7. A response to these issues is provided below.

**Department of Planning and Infrastructure:**

- There is no evidence that the Insite Heritage Report (Mod EA technical paper 3) was provided to the Aboriginal stakeholders for comment. Can you confirm that this was provided to the Aboriginal stakeholders?*

The assessment of the potential impact to Aboriginal objects and sites for developing gas well drainage sites and where required associated access tracks was not presented to Aboriginal community stakeholders as a separate project at the Ashton Coal Mine.

For this minor modification no further field assessment or specific consultation with Aboriginal community stakeholders was deemed necessary because:

- The gas wells will be located within the context of greater mine related disturbance activities, such as subsidence, associated land remediation and drainage works, and Bowmans Creek diversion disturbance areas.

- The area encompassing the gas well drainage development has undergone extensive detailed archaeological and geomorphological investigations, each involving Aboriginal community stakeholders, including Aboriginal cultural heritage assessments for:
    - the underground mine, in 2001;
    - Subsidence Management Plan for Longwalls / Miniwalls (LW / MW) 5 to 8, in 2008;
    - EA for DA 309-11-2001 MOD-4 – LW / MW 9 (now referred to as LW 8), in 2009;
    - EA for DA 309-11-2001 MOD-6 – Bowmans Creek Diversion, including modifications to the underground mine plan (LW 5-8), in 2009;
    - draft Aboriginal Cultural Heritage Management Plan – Underground Area Western Panels, encompassing LW 5-8, in 2010, the method of which was developed in consultation with Aboriginal stakeholders; and
    - an Aboriginal Heritage Impact Permit (AHIP) application submitted in January 2011, covering mine related surface disturbance activities (including gas drainage wells) across the whole of the LW 5-8 underground mine and Bowmans Creek diversion areas.
  - The total potential area of surface disturbance associated with the proposed development was small, up to only about 1 ha in total comprising about 0.45 ha for the 15 gas drainage well sites and up to about 0.6 ha for additional access tracks.
  - The location of gas drainage well sites and access tracks would wherever practicable avoid all known Aboriginal objects and sites. There is sufficient flexibility in the location of the well sites and access tracks to avoid impacting Aboriginal objects that may be identified during disturbance activities, as far as practicable.
  - Where impacts to Aboriginal objects that may be identified during disturbance activities (i.e., currently unknown objects) could not be avoided, the objects would be salvaged in consultation with Aboriginal community stakeholders in accordance with the conditions of the AHIP. (Note the AHIP application is currently being assessed by the OEH).
2. *The company states the gas wells formed part of the Aboriginal Heritage Impact Permit for Western Underground LW 5-8. Please provide a copy of the AHIP application and accompanying assessment and indicate where in the application the gas wells are covered.*

The AHIP application refers to surface disturbance associated with development of gas drainage wells on:

- page 3, Introduction;
- page 4, Description of Proposed Activity; and
- page 15, Description of Actual or Likely Harm.

A copy of the application document is provided in attachment 1. This includes the draft Aboriginal Cultural Heritage Management Plan that has been developed in consultation with Aboriginal community stakeholders. A complete copy of all information provided to OEH in relation to the AHIP application is provided on the accompanying CD-ROM.

3. *The response did not provide details of ACOL's Aboriginal Representative Panel (referenced in Section 3.3 p.9 of the Mod 7 EA technical paper 3) - please provide.*

As indicated in our letter dated 29 April 2011, in 2003 a Wonnarua Liaison Committee was established for the Ashton Coal Mine between ACOL and the Wonnarua People. In addition, ACOL is currently required to consult with the following Aboriginal stakeholder groups:

Lower Hunter Wonnarua Council	Hunter Valley Aboriginal Corporation	Mingga Consultants Wonn1 Contracting
Ungooroo Aboriginal Corporation	Hunter Valley Cultural Consultants	Hunter Valley Natural & Culture Resource Management
Wattaka Wonnarua C.C. Service	Hunter Valley Cultural Surveying	Culturally Aware
Wanaruah Local Aboriginal Land Council	Lower Hunter Wonnarua Council Inc.	Ungooroo Cultural & Community Services Inc.
Wanaruah Custodians	Upper Hunter Heritage Consultants	Gidawaa Walang
Junburra Consulting	Wonnaruah Elders Council	Cacatua Culture Consultants
Yarrowalk Enterprises	Valley Culture	Warren Taggart
Aboriginal Native Title Consultants	Wonnarua Culture Heritage	Carrawonga Consultants
Lower Wonnarua Tribal Consultancy	Wonnarua Nations Aboriginal Corporation	Yinarr Cultural Services
Tocomwall	Muswellbrook Cultural Consultants	Kayaway Eco Cultural & Heritage Services
Girwirr Consultants		HTO Environmental Management Services

These groups were identified through discussions with OEH and through public notice requesting registration of interest in the Aston Coal Mine, as per OEH Aboriginal stakeholder consultation guidelines. Each of the groups is invited to participate in archaeological investigations and in the development of management measures and plans relevant to monitoring and management of Aboriginal sites and objects at the Ashton Coal Mine.

4. *How was community input sought with regard to cultural significance of the additional (new) sites located in the southern area of LW 6-7?*

Day-to-day on-the-ground work requiring Aboriginal community stakeholder involvement is managed according to a roster system to ensure potential employment opportunities are shared equally amongst those groups who have expressed an interest in work at the mine.

Prior to the development of the three gas drainage wells in LW 6A (developed under the exempt development provisions of *State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007*) the next rostered Aboriginal community stakeholder groups (Gidawaa Walang and Upper Hunter Heritage Consultants) were engaged to inspect the area of LW 6A for Aboriginal artefacts. This survey work was carried out over two days (25 June and 20 July 2010) and included inspection of the area overlying LW 7A. These sites were included in the AHIP application lodged with the OEH in January

2011. Further survey work over LW 7A was carried out on 7 March and 28 March 2011. Again the next available rostered groups were contacted to carry out this work. However, at these times only one group was available on each day (Girwirr Consultants on 7 March and Wonnarua Nations Aboriginal Corporation on 28 March), due to most other Aboriginal groups being involved in work elsewhere in the Hunter Valley. This latter survey focused on the location of the proposed gas well drainage sites and additional access tracks for LW 7A. No further Aboriginal objects were identified during this survey and no sites have been identified in the areas proposed for the gas drainage wells and additional access tracks for LW 7A.

Aboriginal community representatives have not specifically provided advice on the cultural significance of the new sites. Although it is noted these are small isolated artefact finds indicative of Aboriginal occupation in the area and of a type that is common throughout the Hunter Valley and elsewhere. Consequently they have been assessed as having low scientific value.

5. *Provide a plan of where the 1.5km of new access tracks are to be located.*

A plan showing the location of additional vehicle tracks required to provide access to the proposed gas drainage well sites is provided as attachment 2. Note this is indicative only, as the exact location of gas drainage wells and hence access tracks for LW 6B, 7B and 8 is yet to be finalised. Flexibility in the location of gas drainage well sites and access tracks is required to enable the optimisation of gas drainage as well as enabling impacts on Aboriginal objects to be avoided wherever possible.

#### **Office of Environment & Heritage:**

*The OEH has indicated the Aboriginal cultural heritage assessment was not carried out in accordance with its Aboriginal cultural heritage assessment guidelines. Further, that it requires:*

6. *Additional information to determine whether Aboriginal objects are likely to be impacted or whether these impacts can be avoided or mitigated.*

Refer to the response provided to 1 above.

Note the area within which the gas drainage wells will be developed is the subject of a current AHIP application. This application is required to assist ACOL and its Aboriginal community stakeholders manage Aboriginal objects within the disturbance footprint of the underground mine. The AHIP is required to enable ACOL to continue to carry out the development and operation of the underground mine, including remediation of surface subsidence effects, construction of the Bowmans Creek diversion and other surface disturbance activities, such as the gas wells, which are required to ensure continued safe operation of the mine.

It is known from prior studies that the type of Aboriginal objects in the area is generally limited to artefact scatters and isolated finds located within shallow A horizon soils over clay. Rather than undertake further test probe work at the gas well locations, ACOL considers it more appropriate in the first instance to avoid as far as practicable impacting on artefact sites. Where impacts cannot be avoided ACOL will implement measures agreed upon with the Aboriginal community stakeholders to manage and mitigate the impact of developing the gas drainage wells and associated access tracks on Aboriginal cultural heritage. This approach includes salvaging and moving objects in accordance with the conditions of the AHIP (when

approved) in consultation with Aboriginal community stakeholders, for those objects where impacts cannot be avoided.

7. *Evidence of consultation with Aboriginal community stakeholders.*

Refer to the response provided to 1, 2, 3 and 4 above.

A copy of the consultation log in relation to the assessment of surface disturbance activities in the area of LW 5-8 since 2008 is provided in attachment 3. (This was previously provided as attachment 1 in our letter dated 29 April 2011).

If you require further clarification or additional information on any aspect of the proposed modification, I can be contacted on (02) 6570 9102, 0459 105 360 or via email at [mmoore@ashtoncoal.com.au](mailto:mmoore@ashtoncoal.com.au).

Yours faithfully

Michael Moore  
Approvals Manager

Attachments: 

1. AHIP application documents, January 2011
2. Indicative gas well and additional access track locations
3. Aboriginal consultation log, 2008 - 2011

## **ATTACHMENT 1**

**INSITE HERITAGE PTY LTD**  
PO Box 98  
WANGI WANGI NSW 2267  
PH/FAX 02 49755 818  
insite@idl.net.au

***Aboriginal Cultural Heritage Assessment Report and  
AHIP application  
Western Underground Panels  
Ashton Coal Operations Ltd, Camberwell NSW***

**Report to  
DECCW**

January 2011

Singleton Council Local Government Area

Report Authors  
Insite Heritage Pty Ltd  
A Besant & E Wyatt

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## **1.0 Introduction**

Ashton Coal Operations Ltd (ACOL) operate underground and open cut coal mining at Camberwell, NSW. The ACOL coal project was approved by the Department of Planning under Part 4 of the *EP&A Act* in 2002.

Amendments to the western underground longwall panels and Bowmans Creek diversion were approved by the Department of Planning under Part 3A of the *EP&A Act* were approved in January 2011.

As the original approval under Part 4 conditioned that an AHIP must be sought prior to any impact on items of Aboriginal heritage, this condition remains within the Part 3A approval. A copy of the relevant section of the 2002 approval and the 2011 approval is included in Appendix 6. This document provides supporting information for DECCW to allow the granting of an AHIP over the western underground project area.

The western underground project involves the diversion of Bowmans Creek in two locations, the eastern diversion and the western diversion. The layout of longwall panels 5 to 8 has then been amended to undermine those sections of the creek that have been diverted. The project approval allows for the extraction of 4 coal seams; and the subsequent subsidence is likely to be in the order of 8 metres. There is also the potential for connectivity between the surface and the longwall panels to occur as a result of cracking. Such cracking will require immediate rectification to ensure mine safety. The western underground area is also subject to a gas well proposal to ensure mine safety. Therefore the AHIP is sought for the entire project area for a period of ten years, to cover the activities of the Bowmans Creek diversions, the management of subsidence and other surface activities such as construction compounds, access routes etc, and activities to ensure mine safety.

The Cultural Heritage Significance Assessment undertaken by the registered Aboriginal parties for the project is provided in Section 2.0. The Archaeological Report is contained within Appendix 1 and the Consultation Log is outlined in Appendix 3.

### **1.1 Key Pieces of Information for AHIP Application**

The AHIP application form requires the following key pieces of information to be provided in the Aboriginal Cultural Heritage Assessment Report

- **1. Restricted Information**

There is a letter from a stakeholder which has been requested to remain restricted and confidential. The letter is included for DECCW information only (section 2).

- **2. Confidentiality Information**

Appendix 1 – Archaeological Report, Appendix 2 - Interim Cultural Heritage Management Plan and Appendix 3 - Cultural Heritage Management Plan contains information regarding the location of recorded Aboriginal archaeological sites. Parts of this ACHA report contain information regarding the location and details of recorded archaeological sites, this

information has been compiled for the proponent, DECCW and the registered Aboriginal parties for the project and is not to be released into the public domain. DECCW may wish to block certain aspects of this report when it is placed on the AHIP register.

In addition the confidential stakeholder letters are to be kept confidential by DECCW and not included in any public registers. The contact details of the Registered Aboriginal parties contained through this document should not be released into the public domain.

- ***3. Copyright***

The contents of reports included in this application remains the copyright of Insite Heritage. The report has been prepared by Insite Heritage Pty Ltd on behalf of ACOL. The registered Aboriginal stakeholders maintain copyright of their cultural heritage assessments.

- ***4. Description of the Proposed Activity***

The approved activity includes the diversions of two sections of Bowmans Creek, the extraction of four seams of coal in LW 5-8 and surface remediation measures to address subsidence including filling of subsidence areas and activities to ensure mine safety, continued operations and rehabilitation activities. Please also refer to Appendix 1-3.

- ***5. Description of the Area of the Proposed Activity (including maps)***

The activity is located on Part Lot 3 DP1114823 and Part Lot 2 DP1089848 Parish of Vane, County of Durham (Zone 56). Figure 2 outlines the area of proposed activity (outlined in blue) and includes the two diversion channels and areas of Longwall Panels 5-8. Please refer to Appendices 1 - 3.

- ***6. Details of other applications for AHIPS within the area which is the subject***

Details of other applications for AHIPs within the area which is the subject of this AHIP application

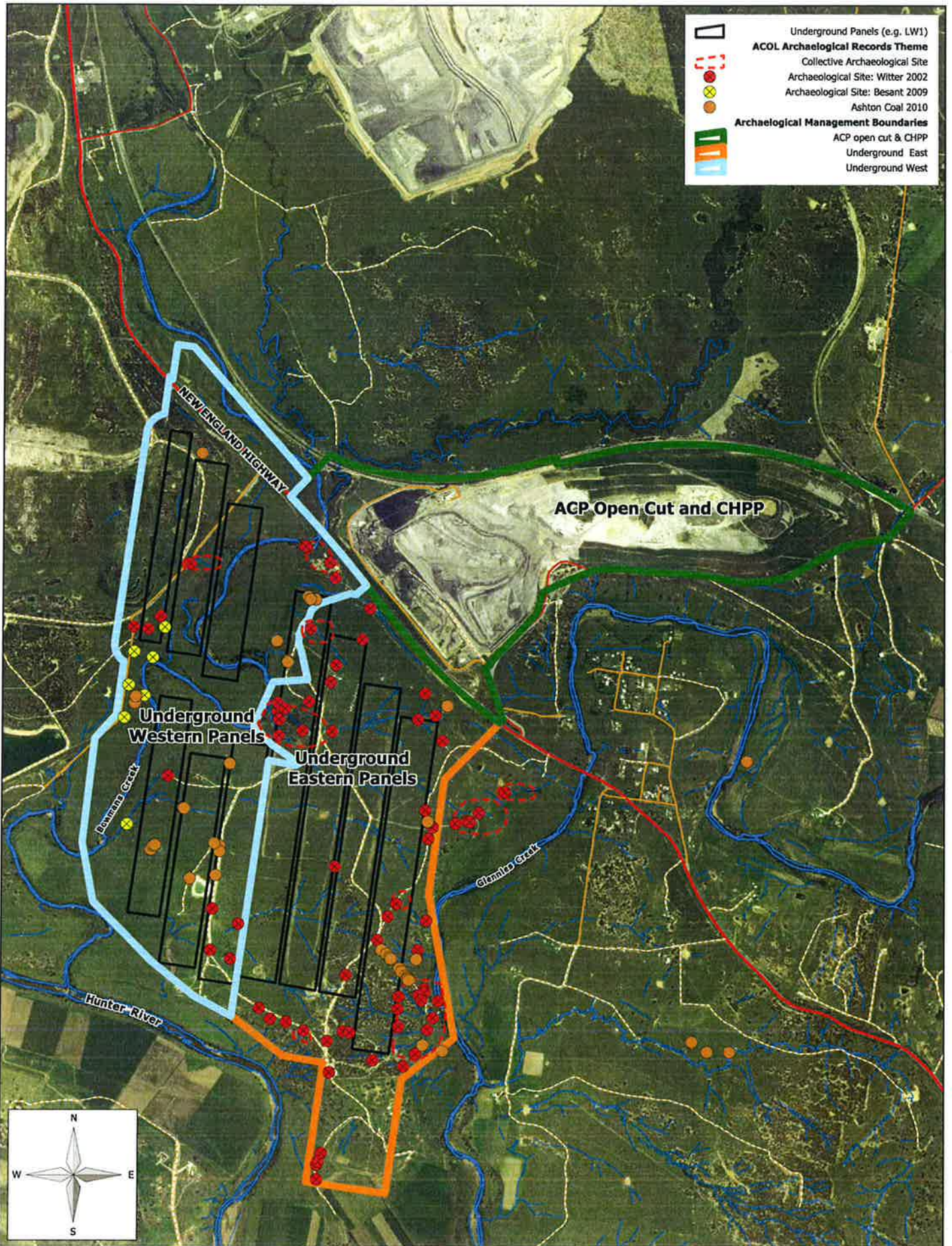
A small section of this AHIP area overlaps with an AHIP application currently under consideration with DECCW. The area of this AHIP application is shown in Figure 1. The area of overlap with the Longwall 1-4 AHIP application is shown in Figure 3. The overlap is required to address the areas of haul road routes and compound essential for the construction of the eastern diversion.

- ***7. Description of the AHIP Area***

The AHIP application area is outlined below in Figure 2 and is described as the following area; Part Lot 3 DP1114823 and Part Lot 2 DP1089848 Parish of Vane, County of Durham (Zone 56) and includes the two diversion channels and areas of Longwall Panels 5-8.

- ***8. Description and identification of the Aboriginal objects and sites***

Please refer Table 1 and attached AHIMS site information sheets on page 8 and 9 below. Please also refer to Appendix 1-3 and 6. The Aboriginal objects and sites are isolated finds and stone artefact scatters. An area of potential late Pleistocene/ early Holocene terrace has been identified by geomorphology assessment that will be impacted by subsidence cracking. The sites which will be impacted by the project are outlined in Table 1 below. Please note that the Waterhole Site is a nil impact area and will be conserved. The northern area of late Pleistocene / early Holocene potential deposit will not be impacted.



	Underground Panels (e.g. LW1)
<b>ACOL Archaeological Records Theme</b>	
	Collective Archaeological Site
	Archaeological Site: Witter 2002
	Archaeological Site: Besant 2009
	Ashton Coal 2010
<b>Archaeological Management Boundaries</b>	
	ACP open cut & CHPP
	Underground East
	Underground West

ACP Open Cut and CHPP

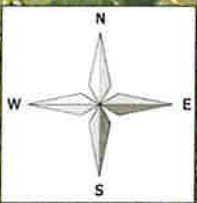
Underground Western Panels

Underground Eastern Panels

Hunter River

Lowland Creek

Glenlily Creek



0 2 km



Australia MGA94 (56)  
Scale: 1:20000@A3

Archaeological Cultural Heritage Management Plan  
Western Panels

Archaeological Management Boundaries

Thursday, 27 January 2011 Drawn: PB

Figure 1

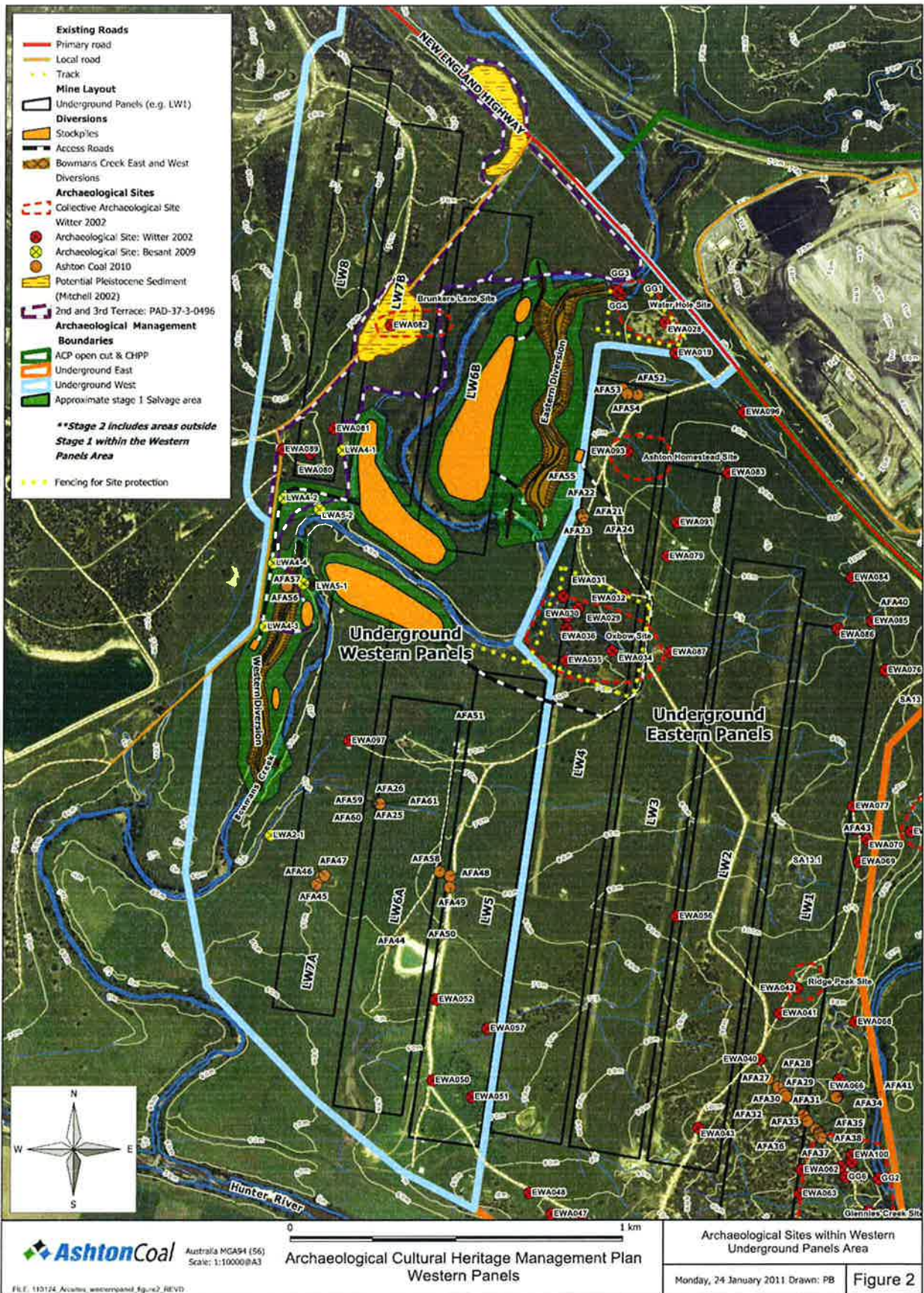
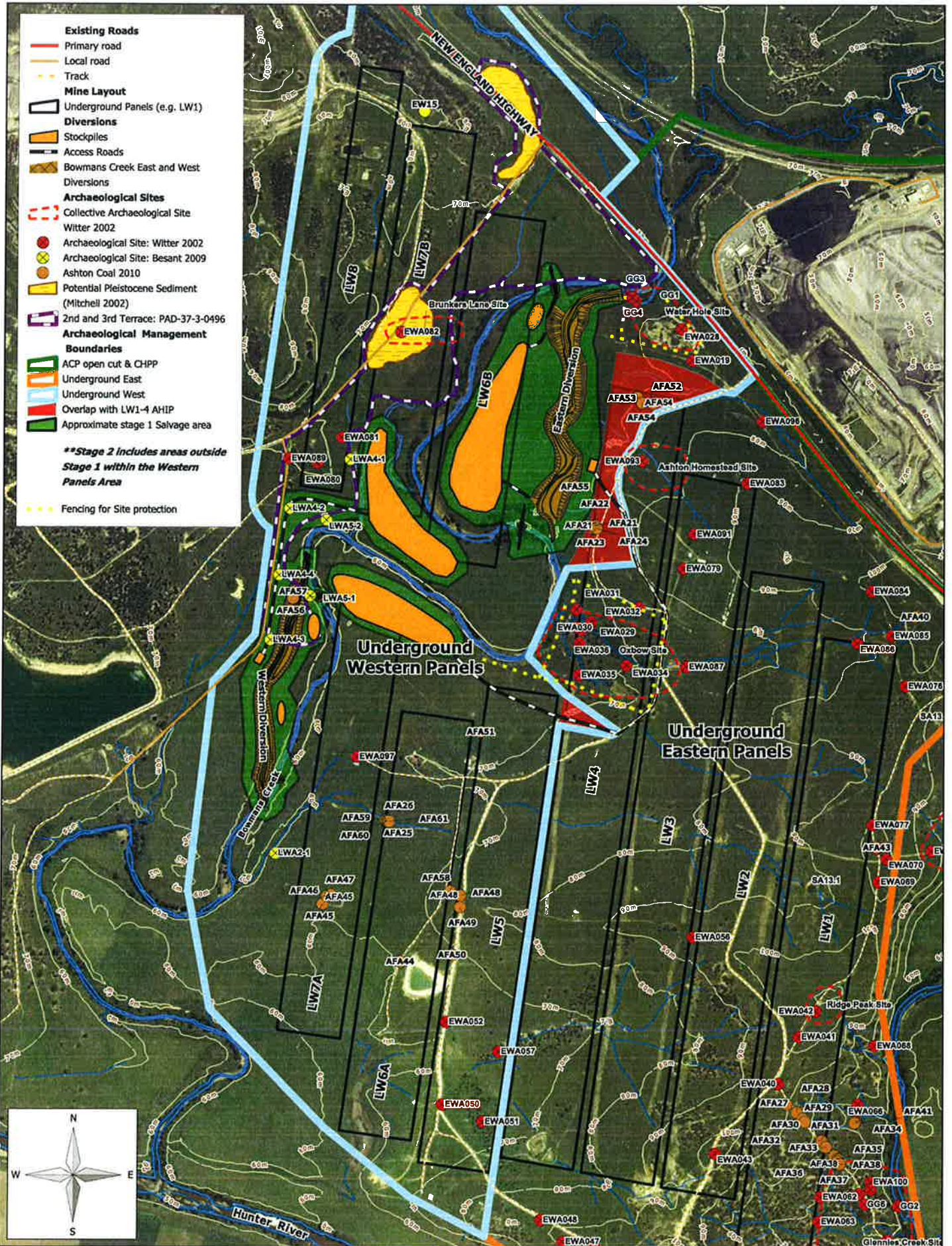


Figure 2 Project Area (outlined in blue)



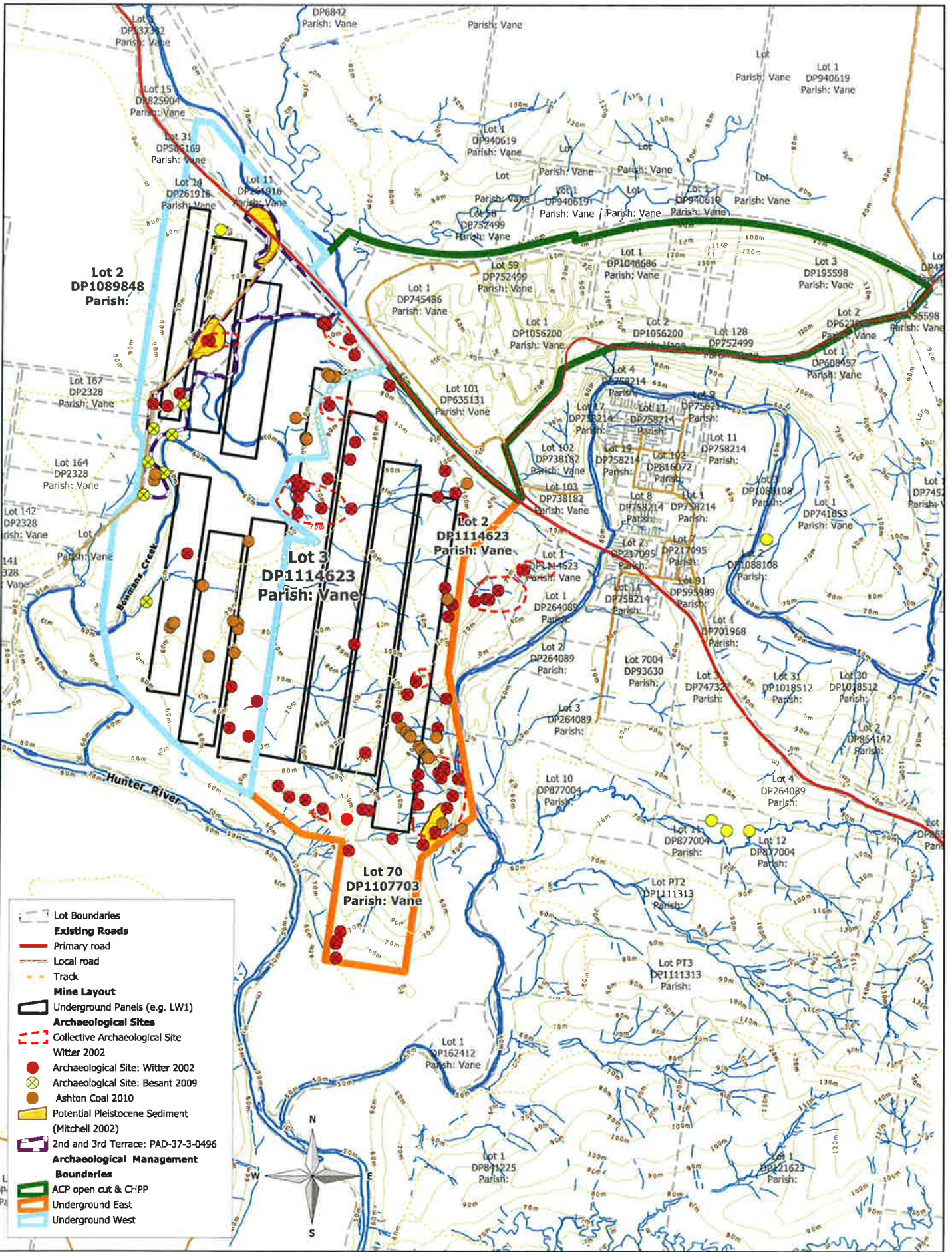




Table 1 Known Aboriginal heritage sites within the Western Panels Area - Longwalls 5-8 that includes the Bowmans Creek Diversion disturbance footprint which will be impacted by the project.

AHIMS No.	Site Name	Site Type	Description	Archaeological Significance	Predicted Impact
37-3-0496  (includes: 37-3-0542, 37-3-0543, 37-3-0556)	EWA 82	Open Camp Site with PAD  PAD extends from LW 4.3 in south to New England Hwy.	Site comprises 2 <sup>nd</sup> (pre European) terrace with 20% visibility. Includes lenses of artefacts and isolated finds. The recording includes an area of potential late Pleistocene, early Holocene landform.	The site varies from low significance to potential high significance in the area of the possible Pleistocene PAD.	Impacted by subsidence.
	LW 4.1				
	LW 5.2				
	LW 4.2				
	LW 4.3				
	LW 4.4				
LW 5.1					
EWA 80	Isolated Find	As above in 100sqm exposure.	Low significance.	Impacted through site filling and regrading from subsidence.	
EWA 81	Isolated Find	Associated with terrace above in 100sqm exposure.	Low significance.	High risk of impact by underground mining.	
EWA 89	Isolated Find	Terrace in 150sqm exposure.	Low significance.	Medium risk of impact by underground mining.	
AFA 56	Artefact Scatter	Site comprises of three indurated mudstone flakes and one mudstone flakes	Low Significance	Impacted directly by Western Diversion.	
AFA 57	Isolated Find	Site comprises one mudstone flake	Low Significance	Impacted directly by Western Diversion.	
37-3-0535	EWA 97	Artefact scatter	Terrace with <10% visibility.	Moderate significance.	Impacted through site filling and regrading from subsidence.
37-3-0799	LW 2.1	Artefact scatter	Terrace in exp with 50% visibility.	Moderate significance.	Impacted by subsidence.
37-3-0544	EWA 50	2 artefacts	Isolated find in 1 x 2m exposure	Low significance.	Impacted by subsidence.
37-3-0545	EWA 51	Isolated find	Isolated find in 1 x 2m exposure	Low	Impacted by subsidence.
37-3-0546	EWA 52	Isolated find	Isolated find in 1 x 2m exposure	Low significance.	Impacted by subsidence.
37-3-0548	EWA 57	Isolated find	Isolated find in 5 x 50m exposure	Low significance.	Impacted by subsidence.
37-3-500	Waterhole Site	Artefact Scatter and Grinding Grooves	Artefact scatter and Grinding Grooves located on edge of waterhole on Bowmans	High significance.	Nil impact



AHIMS No.	Site Name	Site Type	Description	Archaeological Significance	Predicted Impact
			Creek.		
37-3-0798	Liddell EW 15	Artefact Scatter	Artefact scatter located adjacent to fence line on top of ridge to the west of Bowmans Ck in 3 x 3m exposure	Low significance	Impacted by subsidence
	AFA58, AFA48, AFA49	Artefact Scatter	Artefact scatter comprising of three artefacts	Low	Impacted by subsidence
	AFA50	Isolated Artefact	Isolated artefact	Low	Impacted by subsidence
	AFA45, AFA46, AFA47	Artefact Scatter	Artefact scatter comprising of three artefacts	Low	Impacted by subsidence
	AFA25, AFA26, AFA59, AFA60, AFA61	Artefact Scatter	Artefact scatter comprising of six artefacts in total	Low	Impacted by subsidence
	AFA51	Isolated Artefact	Isolated find located in paddock	Low	Impacted by subsidence
	AFA55	Isolated Artefact	Site comprises isolated silcrete broken flake	Low	Impacted by eastern diversion
	AFA44	Isolated Artefact	Site comprises of an isolated mudstone flake	Low	Impacted by subsidence
	AFA25, AFA26, AFA59, AFA60, AFA61	Artefact Scatter	Artefact scatter of five loci each containing one artefact	Low	Impacted by subsidence
	AFA52, AFA53, AFA54	Artefact Scatter	Artefact scatter of three loci each containing 1 artefact	Low	Impacted by subsidence



## Aboriginal Heritage Information Management System – site information

In the table below, provide the information about the sites that your AHIP application covers exactly as they are recorded in the Aboriginal Heritage Information Management System (AHIMS). This will include the sites that you propose to harm as well as those sites where there will be no harm.

**Note:** This information must reflect the discussions you have had with the Registered Aboriginal Parties. You must also ensure that all AHIMS site recording forms (site cards) are updated (if necessary) prior to completing the table below and submitting your application for an AHIP. This will include making sure that any information access restrictions are correct and that the details of any 'knowledge holder' or 'nominated trustee' are still current.

AHIMS contains details of Aboriginal objects, places and other heritage values across NSW. AHIMS also contains archaeological reports and site records. For a new site that is not in AHIMS, heritage professionals will be required to complete an AHIMS site recording form when recording a site in conjunction with the local Aboriginal community and relevant DECCW officer.

For further information regarding AHIMS generally, call the AHIMS Administrator on (02) 9585 6513 or (02) 9585 6345 or refer to the website: [www.environment.nsw.gov.au/licences/AboriginalHeritageInformationManagementSystem.htm](http://www.environment.nsw.gov.au/licences/AboriginalHeritageInformationManagementSystem.htm).

For information on who can record sites, and how to record sites call the AHIMS registrar on 02 9585 6471 or 02 9585 6345 or email [ahims@environment.nsw.gov.au](mailto:ahims@environment.nsw.gov.au).

AHIMS site information											Proposed harm		
AHIMS site ID	Information access restriction? (Yes or No)	Site name	Site feature	Datum (AGD or GDA)	Zone	Easting	Northing	Type of harm <sup>1</sup>	Degree of harm <sup>2</sup>	Consequence of harm <sup>3</sup>			
	No	AFA58, AFA48, AFA49	Artefact Scatter	GDA	56	317992	6404855	Direct	Total	Total			
	No	AFA50	Isolated Artefact	GDA	56	317969	6404680	Direct	Total	Total			
	No	AFA45, AFA46, AFA47	Artefact Scatter	GDA	56	317603	6404853	Direct	Total	Total			
	No	AFA35, AFA26, AFA56, AFA80, AFA61	Artefact Scatter	GDA	56	317777	6405077	Direct	Total	Total			
	No	AFA 51	Isolated Artefact	GDA	56	318050	6405339	Direct	Total	Total			
	No	AFA 55	Isolated Artefact	GDA	56	318326	6406063	Direct	Total	Total			
	No	AFA 44	Isolated Artefact	GDA	56	317818	6404660	Direct	Total	Total			
	No	AFA 21, AFA22, AFA 23, AFA 24	Artefact Scatter	GDA	56	318385	6405947	Direct	Total	Total			
	No	AFA52, AFA53, AFA54	Artefact Scatter	GDA	56	318525	6403610	Direct	Total	Total			

<sup>1</sup> Direct/Indirect/None

<sup>2</sup> Total/Partial/None

<sup>3</sup> Total loss of value/Partial loss of value/No loss of value

Attach a new sheet if more room is required.



## Aboriginal Heritage Information Management System – site information

In the table below, provide the information about the sites that your AHIP application covers exactly as they are recorded in the Aboriginal Heritage Information Management System (AHIMS). This will include the sites that you propose to harm as well as those sites where there will be no harm.

**Note:** This information must reflect the discussions you have had with the Registered Aboriginal Parties. You must also ensure that all AHIMS site recording forms (site cards) are updated (if necessary) prior to completing the table below and submitting your application for an AHIP. This will include making sure that any information access restrictions are correct and that the details of any 'knowledge holder' or 'nominated trustee' are still current.

AHIMS contains details of Aboriginal objects, places and other heritage values across NSW. AHIMS also contains archaeological reports and site records. For a new site that is not in AHIMS, heritage professionals will be required to complete an AHIMS site recording form when recording a site in conjunction with the local Aboriginal community and relevant DECCW officer.

For further information regarding AHIMS generally, call the AHIMS Administrator on (02) 9585 6513 or (02) 9585 6345 or refer to the website: [www.environment.nsw.gov.au/licences/AboriginalHeritageInformationManagementSystem.htm](http://www.environment.nsw.gov.au/licences/AboriginalHeritageInformationManagementSystem.htm).

For information on who can record sites, and how to record sites call the AHIMS registrar on 02 9585 6471 or 02 9585 6345 or 02 9585 6157 or email [ahims@environment.nsw.gov.au](mailto:ahims@environment.nsw.gov.au).

AHIMS site information										Proposed harm		
AHIMS site ID	Information access restriction? (Yes or No)	Site name	Site feature	Datum (AGD or GDA)	Zone	Easting	Northing	Type of harm <sup>1</sup>	Degree of harm <sup>2</sup>	Consequence of harm <sup>3</sup>		
37-3-0496	No	Ashton Brunners Lane Site	Open Campsite with PAD	AGD	56	317707	6406329	Direct	Partial	Partial		
This site also includes 37-3-0542, 37-3-0543, 37-3-0556												
37-3-0535	No	EWA 97	Artefact Scatter	GDA	56	317688	6405765	Direct	Total	Total		
37-3-0799	No	LW2.1	Artefact Scatter	GDA	56	317450	6404979	Direct	Total	Total		
37-3-0798	No	Liddell EW 15	Artefact Scatter	GDA	56	317877	6407170	Direct	Total	Total		
37-3-0544	No	EWA 50	Artefact Scatter	GDA	56	317942	6404238	Direct	Total	Total		
37-3-0545	No	EWA 51	Isolated Artefact	GDA	56	318059	6404188	Direct	Total	Total		
37-3-0546	No	EWA 52	Isolated Artefact	GDA	56	317952	6404483	Direct	Total	Total		
37-3-0548	No	EWA 57	Isolated Artefact	GDA	56	318106	6404395	Direct	Total	Total		
37-3-500	No	Waterhole Site	Artefact Scatter & Grinding Grooves	GDA	56	318571	6406571	None	None	None		

<sup>1</sup> Direct/Indirect/None

<sup>2</sup> Total/Partial/None

<sup>3</sup> Total loss of value/Partial loss of value/No loss of value

Attach a new sheet if more room is required.



Insert AHIMSSiteInformationSheet2

- **9. Indicate the proposed term of the AHIP**

The AHIP application seeks a twenty year term for the AHIP duration to allow for project setup through to post mining site rehabilitation. Estimated start date 24th February 2010, estimated date of completion February 2030.

- **10. Consultation Process**

Details of the consultation process, including a consultation log can be found in Appendix 4 Consultation Log and within Appendices 1-3 and 5.

A list of the Aboriginal parties who registered their interest for the project is provided in Table 2 below. Copies of submissions received for the project are provided in Section 2.0 below and the Appendices.

**Table 2 Registered Aboriginal parties for the project**

<b>First Name</b>	<b>Last Name</b>	<b>Company Name</b>
Kathleen	Kinchella	Yinarr Cultural Services
Scott	Franks	Tocomwall
Tom	Miller	Lower Hunter Wonnarua Council
Michele	Stair	Girwirr Consultants
Annie	Hickey	Gidwaa Walang
Gordon	Griffith	Wonnarua Culture Heritage
Tracey	Skene	Culturally Aware
Margaret & John	Matthews	Aboriginal Native Title Consultants
Brian	Matthews	Muswellbrook Cultural Consultants
Darrel	Matthews	Upper Hunter Heritage Consultants
Colleen	Stair	Hunter Valley Cultural Consultants
Lloyd	Matthews	Bullen Bullen Heritage
Suzie	Worth	Wanaruah Local Aboriginal Land Council
Barry	McTaggart	Yarrawalk Enterprises
Cheryl	Matthews	Carrawonga Consultants
Clifford	Matthews	Mingga Consultants
Arthur	Fletcher	Wonnarua Nation
Mark	Hickey	WTO
Luke	Hickey	Hunter Valley Cultural Surveying
Allen	Paget	Ungooroo Aboriginal Corporation
Sandra	Miller	Wonnarua Nation
Des	Hickey	Wattaka Cultural Consultants Services
George	Sampson	Cacatua Cultural Consultants
Rhoda	Perry	Upper Hunter Wonnarua Council Inc
Laurie	Perry	Wonnarua Nations Aboriginal Corporation
Larry	Van Vliet	Valley Culture
Barbara	Foot	Wanaruah Custodians
David	Foot	Wanaruah Custodians
Rhonda & Samantha	Ward	Ungooroo Cultural & Community Services Incorporated
Arthur	Fletcher	Wonn1 Contracting
David	French	Hunter Valley Natural and Cultural Resource Management
Barry	Stair	Hunter Valley Aboriginal Corporation
Warren	Taggart	



- **11. Statement of Significance of the Cultural Heritage Values**

The significance of the cultural heritage values of the AHIP area has been outlined in the archaeological report. Please refer to Section 2.0 of this report.

The Aboriginal stakeholders have expressed that the Bowmans creek area is of high significance to the community. All correspondence received from the stakeholders has been included in this document.

- **12. Description of the Actual or Likely Harm**

All sites will be impacted during the life of the underground mining. The site will require remediation of cracking to ensure the surface and workings do not connect. In addition the end subsidence levels will require the longwall areas to be filled to keep the creek terraces self draining. The construction of the creek diversions will impact on the diversion areas in addition to stockpile areas, compounds and access roads. Studies have shown that gas will also be an issue in these longwalls and an application is to be submitted for gas wells to be strategically placed above the longwall panels. Therefore, the application seeks to cover all activities that are required to provide for the continual safe operations of the mine.

Please refer to Appendix 1 Section 6.0

- **13. Description of the measure to avoid harm**

ACOL have avoided harm by site avoidance over the last 9 years of operation. The approval of the modification and continued operation of the mine requires extraction activities to move into the area of the AHIP application. The area for the layout of the longwall panels is limited and the landscape undulating so filling of subsidence is required to maintain the integrity of Bowmans Creek. The cover over the workings is relatively shallow so cracking, slumping, ponding and erosion are unavoidable in this location.

- **14. Description of the measures to mitigate harm.**

To mitigate against harm ACOL have prepared a salvage plan in consultation with the stakeholders. The plan includes a statement of commitments undertaken by ACOL to ensure that the cultural heritage values of the area are documented and conserved by excavation and collection.

ESD principles have been considered and underpin the ongoing involvement of the Aboriginal stakeholders in the development of salvage strategies and negotiations regarding the ultimate keeping place for the artefacts salvaged.

Whilst there is cumulative impact on archaeological sites in the Hunter Valley, the Aboriginal Site Decision Support Tool (ASDST) indicates a high likely occurrence of stone artefact scatters in the Singleton to Ravensworth areas. This project will only impact on this particular site type, which is not rare in the region.

The area of identified Pleistocene PAD adjacent to the New England Highway (see Figure A) will be conserved. The Waterhole Site complex is also a nil impact area, and will be conserved. The existing fencing around the perimeter of the site will be upgraded to avoid any unintentional impacts.



Figure 6 ASDST map of likely artefact distribution (map 3) The blue rectangle shows the approx AHIP area location.

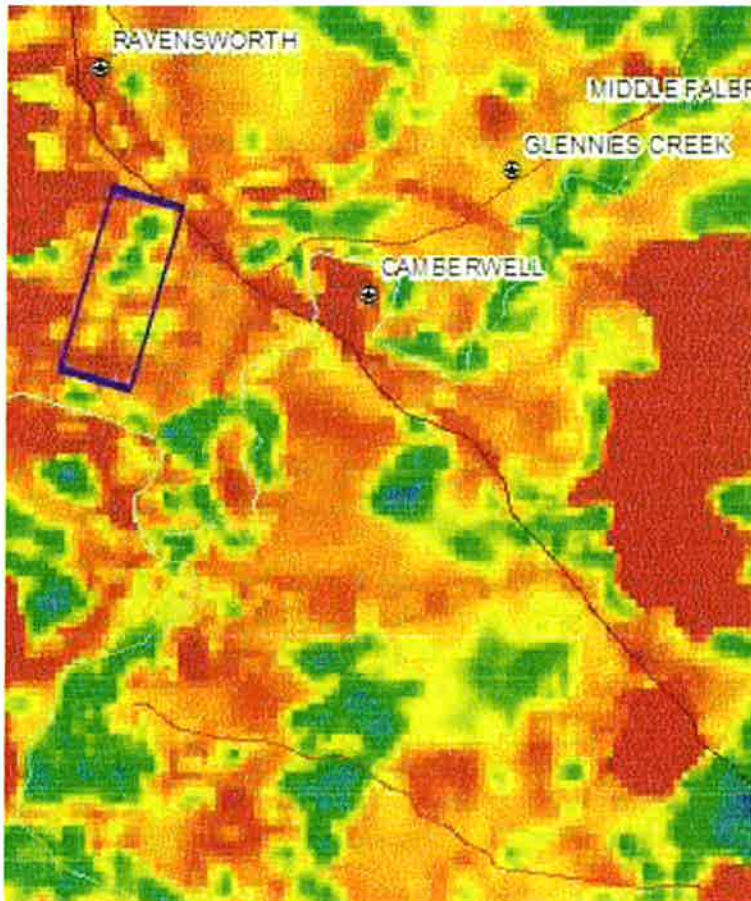


Figure 7 ASDST map of disturbance areas. Approximate AHIP area outlined in blue .

- **15. Information Regarding the Salvaged Objects**

Once the salvage collection is complete the artefacts will be stored in a secure location at ACOL. Discussions are continuing with the stakeholders to determine the final storage place. Should a decision not be reached by the stakeholders the artefacts will be sent to the Australian Museum.

- **16. A Copy of the Relevant Development Consent or Other Approval**

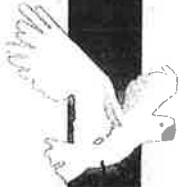
A copy of the combined 2002 Part 4 approval and the Part 3A approval conditions is included in Appendix 7.

- **Site Cards**

Refer to Appendix 6 for site cards. These cards record the details of isolated finds and small scatters recorded by stakeholders and ACOL staff during clearing procedures. This involves site inspection prior to any earth disturbance to ensure any artefacts are avoided.

## **2.0 Cultural Heritage Significance Assessment**

Below are included the submissions received from the registered Aboriginal stakeholders for the project.



# Cacatua Culture Consultants

Entity of Carcalhua Pty Ltd

ABN: 87 145 082 480 ACN: 145 082 480

24 January 2011

Angela Besant  
Insite Heritage Pty Ltd  
Wangi Wangi NSW 2267

RE: **Ashton Coal Operations Pty Limited – Bowmans Creek Diversion Project –  
Archaeological Cultural Heritage Management Plan**

Angela,

We have read and discussed the above document and we would like to add the following.

4.5a Fencing and Conservation –

- Sites selected for insitu conservation –with regards to the fencing this matter should be added to the stakeholder's roster and they should be given the chance to undertake this work or a representative should be on site when this work is being undertaken.
- We believe that point 1, 2, 3 should have a representative present.
- At least one stakeholder should be present when monitoring for erosion and disturbance is undertaken not just consulted on findings.
- Would like to see the Management Plan -responsibility section show both the Environment and community relations manager and the Aboriginal stakeholders in a few more areas making it a joint venture plan or at the least in section 4.5 and 4.6 as we feel that these sections are both part of caring for Country.

We support the management plan as long as it remains a living document and that reviews are undertaken on an annual basis with the understanding that if issues arise prior to the annual review with regards to the Management Plan then the matter can be addressed within 14 working days.

Yours truly

George Sampson  
Manager

Email: [cacatua@resetsl.net.au](mailto:cacatua@resetsl.net.au)

UNIT 1b, 11 Glenwood Drive THORNTON NSW 2322 Ph: 02 4028 6942 Fax: 02 4028 6943  
65 Jaeger Avenue, GUNNEDAH NSW 2380 Mob: 0403 765 019 Fax: 02 6742 1491  
22 Ibis Parade WOODBERRY NSW 2322 Ph: 02 4964 4685 Fax: 02 4964 4635

Bowmans Creek Diversion and LW amendment

Feed Back Form – Post meeting at Singleton Youth Centre  
13<sup>th</sup> July 2010

Name:

Organisation:

At this meeting we have discussed the geomorphology results and salvage methodology for Bowmans Creek project area. The information and methodology is satisfactory.

Yes

No.

Justin Matthews .C.C

CLIFF MATTHEWS M.C

michele Star Gwinn Consultants

Colleen J. Lane Kullback Built -

Gay Horton M.C.C.

Wayne Hickley H.V.A.C. Schmitt

Wayne FRENCH /maxwell

Alan Boyd Urpava Aboriginal

Corporation

Mark Hickley Karpuzey

Shannon Griffiths W.H.

Chris Smith C.C.

Paul Mather yllle

WAYNE FRENCH, H.V.A.C.

Insite Heritage Pty Ltd

Attn: Angela Besant

Bowmans Creek Diversion and LW amendment  
Feed Back Form – Post meeting at Singleton Youth Centre  
13<sup>th</sup> July 2010

Name:

Organisation:

We generally agree with the methodologies. Although the best option is not to disturb Bowmans Creek by diverting its environment and water flow, if the proposal is accepted by DOP, we want to see the following recommendations carried out:

- GPI survey to be undertaken over disturbance area;
- Grader scrapes be carried out under the supervision of the survey team;
- That The Porton Coal can guarantee that the waterholes and winding creeks are protected during the work undertaken upstream; and
- a minimum of 4 weeks be allowed for the archaeology work/cultural heritage work.

SUZIE WORTH - WARRARUAH LALC.  
Arthur C. Fletcher. - WONN1 CONTRACTING.



Alan Wells  
 Wells Environmental Services  
 P.O. Box 205  
 East Maitland  
 NSW 2323

Re: Bowman's Creek Diversion Consultation Workshop


Dear Alan,

Neither Suzie Worth nor I will be available to attend the workshop on the weekend 24-25, so we will expect an equal opportunity to attend another where we may express our views. Any other Aboriginal stakeholder who is unable to take part on the 24<sup>th</sup> 25<sup>th</sup> would also be welcome.

The significance for community members in relation to this area is very high. Until such time as we have conferred with those knowledge holders in the community who hold this area as significant, Warruwal LALC does not agree to any disturbance of the creek or the cultural sites in and around the area.

This is not a subject to be debated by those who do not consider the area significant enough to be preserved. We understand and accept that there are members of the community who are stakeholders who have no cultural attachment (other than a desire to be employed in excavations) to this area, just as there are organisations like Warruwal Nation who have already negotiated a settlement (\$110K per year and contracts to an unspecified value) to get their agreement for any destruction to go ahead. There are however other stakeholders to whom this area is of extreme cultural significance. It is our duty under the NSW ALR Act to respect and protect this area on their behalf.

Yours Truly

  
 Noel Downs  
 CEO

13.11.09  
Reprinted





Email forwarded from Wells Environmental Services 3<sup>rd</sup> September 2009.

**From:** Sarah Paddington [mailto:Sarah.Paddington@environment.nsw.gov.au]  
**Sent:** Thursday, 3 September 2009 11:23 AM  
**To:** akwells@pacific.net.au  
**Cc:** belinda.parker@planning.nsw.gov.au; rohan.tayler@planning.nsw.gov.au; Brett Nudd; Davey Gary  
**Subject:** Cultural Heritage Concerns within Ashton Mine Projects

Dear Alan,

As discussed over the phone yesterday afternoon, DECCW has been contacted by Aunty Barb (Barbara Foot of Wanaruah Custodians) to convey her concerns about the projects within the Ashton mine. Aunty Barb is very sick and frail presently and she asked if we would relay her concerns to the relevant people. We understand there are presently 3 projects at various stages of assessment under Part 3a (EP&A Act) for Ashton mine. Aunty Barb's background information below relates to the cultural significance and cultural connection to the area, and this information may relate to one or multiple Ashton projects.

Aunty Barb requested that we would be the conduit for all updates about these projects back to her. Can you please respect Aunty Barb's request by passing information back to her via us in the short term (unless it causes there is a conflict), however, Ashton will need to organise a suitable communication system or someone within the Aboriginal community whom Aunty Barb would be happy to speak for her and who can act in this role in the longer term.

Aunty Barb's concerns are as follows:

The area in which Ashton mine is

'located is an area of very high significance to me and my people. It is an area used for fishing and used to go between fishing spots and the mission. There are fish traps in there, and burials in the area. There are lots of sites with spearheads used for spears. Large sites with hundreds of artefacts that are very important to my people. We'd walk along Bowman's to Glennies then Main creek to the mission. Along there are waterholes with markings on the walls from sharpening axes. The kingfishers are also important there. They are almost pushed out of that area now. They're important too. It's got to stop. We have to protect these places. We've got to preserve these places. I'm the only Elder left in this area. The only Elder that's earned my title. There is too much being destroyed now. We can't let this happen. We have to preserve our culture.'

I conducted a search on our DECCW AHIMS database today and compared the results against the maps from both the 'longwall mini wall' project and the 'south east open cut' project. I do not have maps of the location of the 'Bowman's creek diversion' project. Without georeferenced layers of the 3 project boundaries, the following notes about our knowledge of Aboriginal sites and how they relate to these projects can be considered indicative only. There are a large number of sites within the SEOC project comprising of Aboriginal objects (artefact scatters or isolated finds). AHIMS does not have a fish trap recorded in this immediate area, however, this does not mean they do not exist. It could

mean that either the site is not recorded or it is in a section of the creeks further up or down stream from the area of the SEOC area.

Ashton will need to ensure their assessments demonstrate effective (transparent, equitable and culturally appropriate) consultation with all local Aboriginal community groups, including how they address Aunty barb's concerns (and any others received) and how feedback is used to update the assessment (if and as relevant), and show how this information has been taken into account for the recommendations/actions proposed for the proposed project.

The views, significance and concerns about sites/management will need to be fed back to the relevant project manager/ assessing officer/ consultant etc. If I have not included the relevant people in this please ensure it is forwarded on to all the necessary people.

Kind regards,  
Sarah

Sarah Paddington | Archaeologist | North East Branch | Aboriginal Heritage Section | Environment Protection and Regulation Group | **Department of Environment, Climate Change and Water (DECCW)** | PO Box 914 Coffs Harbour NSW 2450 | p: 6659 8226 | f: 6651 5356 |

The following correspondence was  
submitted as confidential

## ***Appendix 1- Aboriginal Archaeological Assessment***



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## **Appendix 11 Aboriginal Archaeological Assessment**

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**Insite Heritage Pty Ltd**  
PO Box 98  
Wangi Wangi NSW 2267  
Ph/Fax 02 49755 818  
insite@idl.net.au

***Aboriginal Archaeological Assessment  
Ashton Coal Project – Proposed Diversion of  
Bowmans Creek***

**Report to:**  
Ashton Coal Operations Ltd

October 2009

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## ***Executive Summary***

Insite Heritage Pty Ltd has been commissioned by Ashton Coal Operations Ltd (ACOL) to provide an Aboriginal archaeological heritage assessment of an area subject to two proposed realignments of Bowmans Creek, (herein described as the study area).

ACOL currently operate both underground and open cut coal mines approximately 14km north of Singleton in the Hunter Valley. The study area adjoins the current underground operations and is separated from the open-cut by the New England Highway.

Previous archaeological assessments of ACOL projects have been carried out by Insite Heritage over 2007 – 2009. This data formed the basis of the assessment of impact of the proposed creek diversions. Consultation with the Aboriginal stakeholders regarding the cultural assessment of the impacts and the identification of appropriate mitigation strategies form a pivotal part of this project.

There are seven (7) archaeological sites (artefact scatters and isolated finds) identified on the western side of Bowmans Creek. Of those none will be directly impacted by the creek diversion however the terrace flanking Bowman's Creek has been identified as potential archaeological deposit. The eastern diversion is located below a significant site (the Waterhole site) adjacent to the New England Highway, which will not be impacted. However, the eastern diversion is likely to impact on potential subsurface deposits on the flood plain.

As a result it is proposed to develop a salvage strategy with the Aboriginal stakeholders to mitigate against the impact to these deposits. Detailed recommendations are contained within the body of this report (refer to Section 6.0 and Appendix D).

The authors of this report are Angela Besant and Elizabeth Wyatt of Insite Heritage Pty Ltd.

## **1.0 Project Overview**

### **1.1 Location**

The study area is located in the Hunter Valley, New South Wales, approximately 14km north of Singleton adjacent to the New England Highway and near the village of Camberwell.

The section of Bowmans Creek applicable to this assessment is located south of the New England Highway and north of the Hunter River.

The general location of the study area is outlined in Figure 1. Figure 2 shows the location of the proposed diversions on the eastern and western flanks of Bowmans Creek.

### **1.2 Project Details**

The Ashton Coal Project (ACP) is located approximately 14km northwest of Singleton in the Hunter Valley region of New South Wales. The project includes an open cut mine, an underground mine, a Coal Handling and Preparation Plant and associated rail siding and infrastructure. The mine has been developed in a staged manner, with the infrastructure and open cut mine developed concurrently.

ACP was granted consent on 11 October 2002 by the Minister of Planning pursuant to the provisions of the Environmental Planning and Assessment Act 1979 (Development Consent No. 309-11-2001-i). There are over 250 individual consent conditions that apply to the project.

Development of the underground mine commenced in December 2005 and is accessed through the southern wall of the Arties Pit under the New England Highway. Approval for secondary extraction of longwalls (LW) 1 to 4 in the Pikes Gully Seam was granted in March 2007 by the Department of Primary Industries - Minerals (DPIM). This approval and associated Subsidence Management Plan applies to LW 1 to 4 in the Pikes Gully Seam only. Ashton's underground mine is proposed as a multi-seam extraction and plans to extract four coal seams in descending order (Pikes Gully, Upper Liddell, Lower Liddell, and Lower Barrett).

Following completion of LW4, underground mining will progress to the west into panels 5 through to 8. The Subsidence Management Plan for Longwalls 5 to 8 received conditional approval on the 2<sup>nd</sup> of July, 2009. Longwall 9 is currently subject to a development consent variation. Mining in this area will pass beneath Bowmans Creek and the associated saturated alluvium. Following extensive investigation, the mine plan in this area has been designed to feature a combination of both full-width longwalls and miniwalls (MW) to minimise subsidence impacts beneath Bowmans Creek and the associated saturated alluvium.

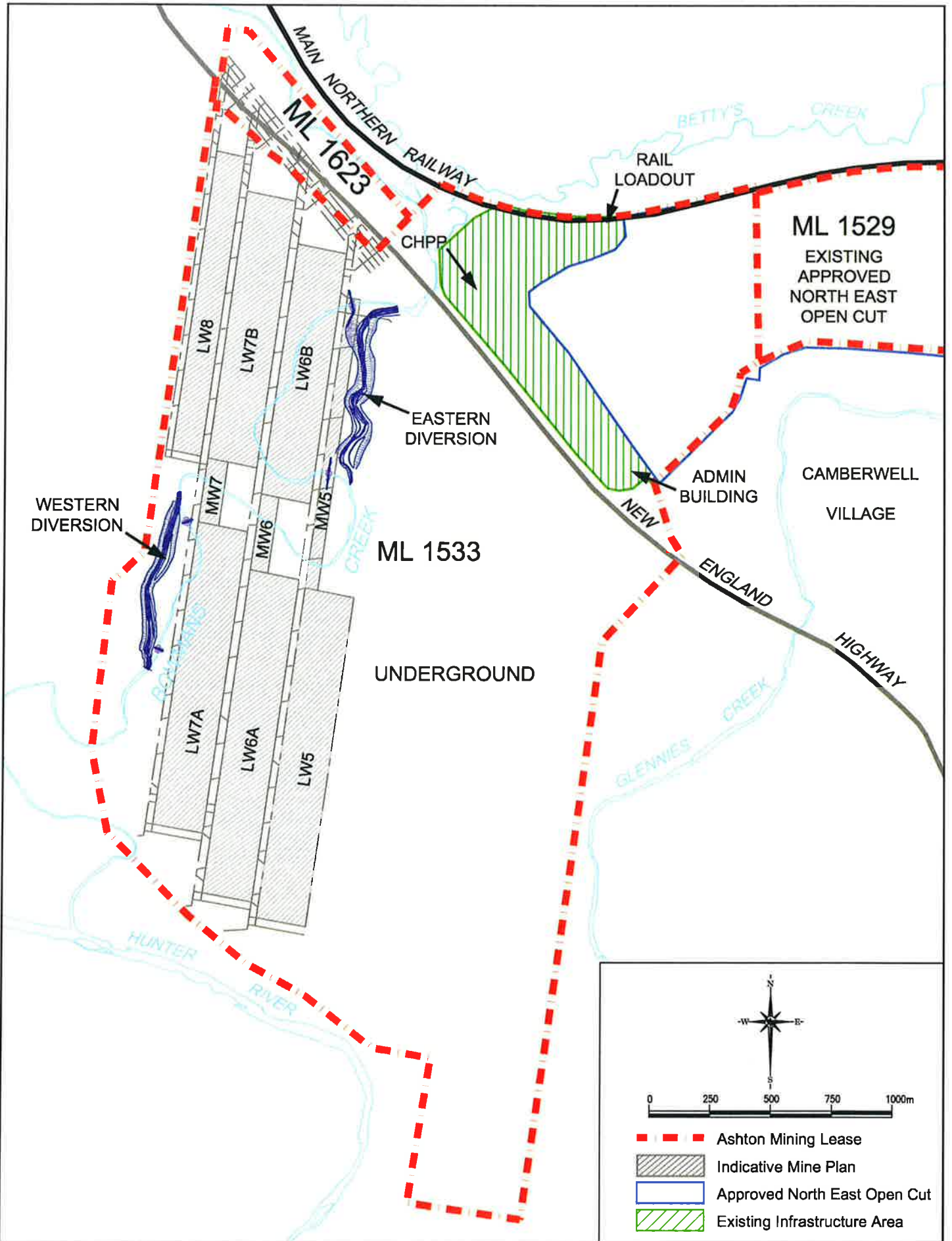
The proposed development seeks to obtain a variation to the development consent area for ACOL current underground mining operations to allow for the diversion of Bowmans Creek. This is required to allow the use of full length longwall panels under sections of Bowmans Creek.

The excavation for the creek realignment will impact on a corridor of a minimum width of 30m wide to a maximum of about 100m wide and are generally orientated north/south. One diversion is required on the eastern side of Bowmans Creek and

another on the western side. The width and depth (+/- 5 metres) are required to match the existing channel. The diversions have a lineal extent of approximately 850 metres on the eastern diversion and 780 metres in the western diversion (see Figure 2). Associated earthworks will involve the use of the alluvial soils from the excavation of the channels, to fill subsidence depressions over the adjacent terraces (blue hatched area Figure 2).



Figure 1 The Ashton Coal Operations lease, Camberwell NSW (courtesy ACOL)



Bowmans Creek Diversion Project

Figure 2 Proposed Creek Diversions and Longwall Layout Assuming Stacked Arrangement

### 1.3 Community Consultation

Community consultation for the project was conducted by Wells Environmental Services and ACOL.

Letters of notification of the project and a request for the contact details of Aboriginal stakeholder groups who may have an interest in the project were sent to DECCW (Department of Environment, Climate Change and Water), NSW Native Title Services, Office of the Registrar of Aboriginal Owners, Office of the Registrar ALRA and Singleton Council on the 27th August, 2009.

Thirty one letters of invitation to register an interest in the project were sent to all stakeholders known to ACOL in accordance with their own register (refer to consultation log in Appendix E).

Advertisement of the project inviting registration of interest from Aboriginal community groups and individuals were placed in the public notices section of the Singleton Argus and the Sydney Morning Herald on the 11<sup>th</sup> September, 2009 (Appendix A).

A total of 26 persons or groups registered interest in the project and are hence forth referred to as the stakeholders. All stakeholders have been provided a copy of the draft report. A stakeholder meeting was held at ACOL offices on the 13<sup>th</sup> October 2009, to discuss stakeholder perceptions of the project and the cultural values of the area. Potential mitigation measures were also raised at the meeting. At the request of the community a workshop has been scheduled for the 24<sup>th</sup> and 25<sup>th</sup> of October.

**Table 1 List of Community Groups who have registered in response to the consultation process.**

Wonnarua Culture Heritage	Wonn1 Contracting	Hunter Valley Cultural Surveying
Yinarr Cultural Services	Yarrawalk Enterprises	Hunter Valley Cultural Consultants
Upper Hunter Heritage Consultants	Gidawaa Walang	Ungooroo Cultural and Community Services Incorporated
Giwirr Consultants	Ungooroo Aboriginal Corporation	Cacatua Cultura Consultants
Aboriginal Native Title Consultants	Scott Franks	Wonnarua Custodians Aboriginal Corporation
Carrawonga Consultants	Minggaa Consultants	Lower Hunter Wonnarua Council Inc
Culturally Aware	Upper Hunter Wonnarua Council Inc	Wanaruah Custodians Aboriginal Corporation
Bullen Bullen Consultants	Muswellbrook Cultural Consultants	Wanaruah Local Aboriginal Land Council.
Wattaka Wonnarua Traditional Owners	Wonnarua Nation	

Mrs Barbara Foot of the Wonnaruah Custodians has registered interest in the project by contact with Sarah Paddington of DECCW. Mrs Foot has described the importance of the Bowmans Creek area and her concerns can be seen in Appendix D. Many of the sites referred to by Mrs Foot have been recorded in studies of the local area. Of particular interest to this project is reference to a fish trap. Continued

consultation with Mrs Foot will be undertaken to help elucidate the potential location of the fish trap.

All registered parties have been forwarded a copy of the draft report for their review and comment. See Appendices A, B, C and D for the project advertisements, notifications, stakeholder register and consultation log. Appendix D contains community responses received to the 15<sup>th</sup> October 09.

## **1.4 Description of Study Area**

The landforms within the study area consists of creek bank, terrace and flood plain, which has been cleared and subject to a long history of pasture improvement and probable ploughing. The study area is periodically grazed by stock. Bowman's Creek forms a confluence with the Hunter River approximately 150m south of the study area.

### *Geology & Soils*

The study area is predominantly located within the Hunter Soil Landscape situated in the land adjacent to Bowmans Creek (Kovac 1991).

The generalised geology of the Hunter Valley places the study area within the Late Permian Singleton Coal Measures and comprises coal, tuff, conglomerates, shales, fluvial and barrier sandstones (Drysdale *et al*, 2000:12).

The soils of the Hunter Soil Landscape are formed from Quaternary alluvium with the main types consisting of Brown Clays and Black Earths on former channels and tributary flats. Alluvial Soils occur on levees and flats adjacent to the current channel with Red Podzolic Soils and Lateritic Podzolic Soils on former terraces and Non-calci Brown Soils and yellow Solodic Soils in some drainage lines (Kovac & Lawrie 1991:212).

The flood regime of the Hunter Valley has impacted on the alluvial soils along the Hunter River and major tributaries including Bowman's Creek (Geary *et al*, 2000:70). Deep cuts along Glennies Creek- a similar context to the study area, have exposed alluvial soils of over 4m thick.

### *Landform & Topography*

The Hunter Soil landscape is located on the level flood plains and river terraces of Bowmans and Glennies Creek. Elevations range from 20-60m with slope gradients from 0-3%. Local relief is less than 10m (Kovac & Lawrie 1991:213).

### *Vegetation*

Local native vegetation comprises open-woodland with main tree species of ironbark, yellow box, white box, and eucalypt with a grassy understorey (Drysdale *et al*, 2002:25).

Few stands of native vegetation remain in the study area due to the clearing of land for agricultural purposes. Casuarinas are common along Bowman's Creek.

### *Hydrology*

The study area crosses Bowman's Creek, a permanent (third order) stream and tributary to the Hunter River. The confluence of the Hunter River and Bowman's Creek is approximately 150m south of the study area. A number of ephemeral streams (first and second order) flow into Bowman's Creek within the study area. .

The 1:100 flood levels of the Hunter Valley cover the low floodplain and first and second terraces of Bowman's Creek and deposit sediments up to 50cm thick (Mitchell, 2002:7).



## **2.0 Archaeological Context**

### **2.1 Regional Indigenous Archaeological Context**

Aboriginal occupation within the Central Lowlands of the Lower Hunter Valley occurred over 20,000 years ago. Koettig (1986) recorded a date of 20,200 BP from a hearth at Glennies Creek to the north of Singleton. An Aboriginal site on the Liverpool Plains has been dated to at least 19,000 BP (Gorecki *et al*, 1984). The majority of dated sites within the Hunter Valley are less than 4,000 years old (Brayshaw 1994).

Tindale (1974) and Horton (1999) place Camberwell in the area of the Wonnarua peoples, bordering the Awabakal to the east and Worimi to the north. The environment of the Hunter Valley has been reviewed by Brayshaw (1984) based on the records of early explorers. The explorers reported areas of rich meadow, thinly timbered with deep loam soils. Rivers were described with abundant fish. Food resources included 'possum, bear (*koala*), wallaby, kangaroo rat, bandicoot, porcupine (*echidna*), flying fox,' (Dawson in Brayshaw n.d.). Also "they were expert hunters of the wild ducks, pigeons and brush turkeys. The gins and children hunted and captured the smaller animals, and sought out the hiding places of various grubs and the nests of the native stingless bees" (Green in Brayshaw n.d).

Research in the Hunter Valley has attempted to address various questions related to Aboriginal culture, lifestyles and change over time. Subjects studied include tool manufacture and distribution of stone resources, trade, potential for Pleistocene sites, camp site distribution in the landscape, and landscape modelling.

Material culture of the local Aboriginal people included items made of wood, bark, plant fibres, stone, shell and bone including such items as spears, clubs, shields, dishes, canoes, nets, cloaks, cord and cutting implements.

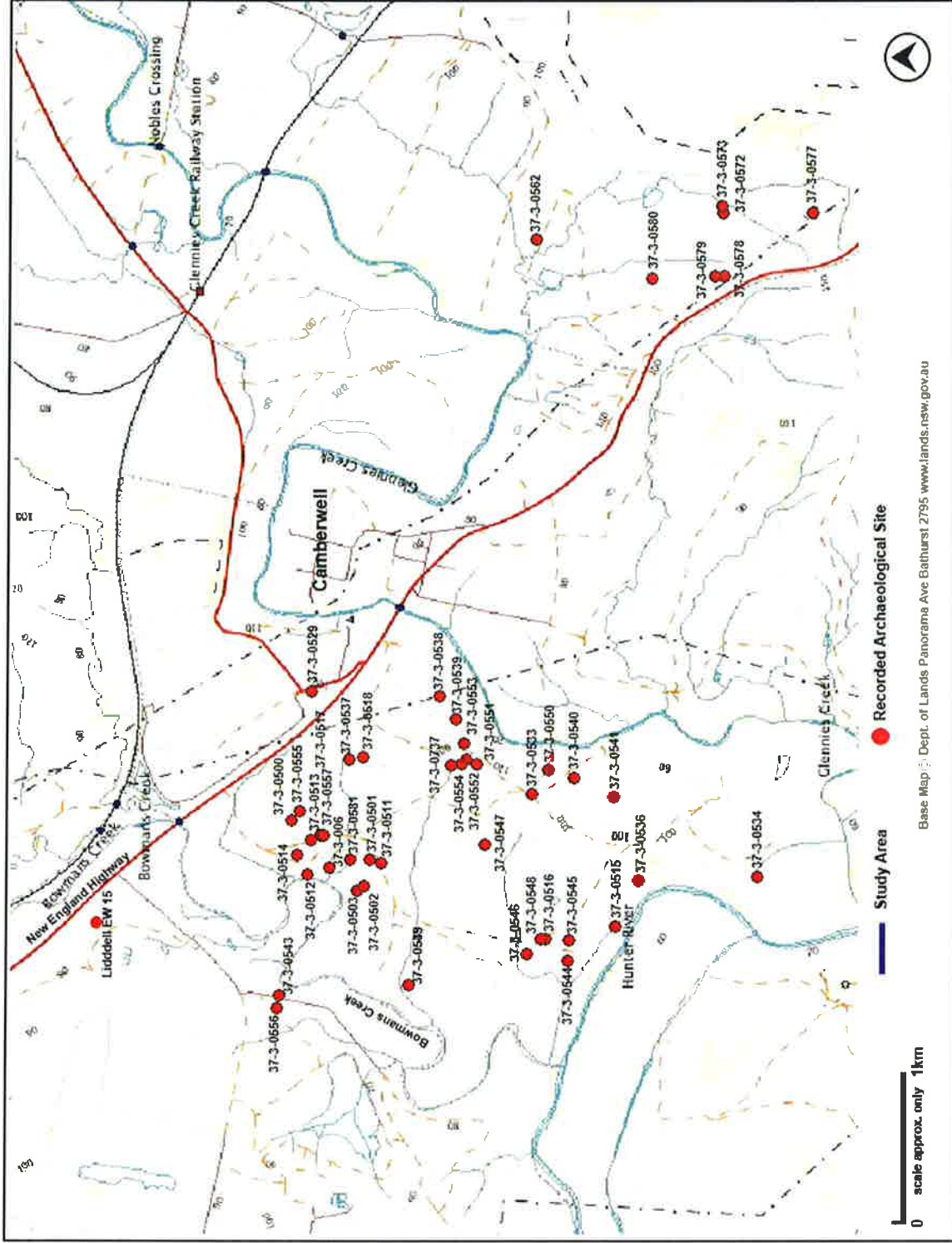
The Aboriginal population of the region suffered greatly following the arrival of European settlers. Populations were greatly reduced due to the introduction of previously unknown diseases and traditional social structures disintegrated. A significant Aboriginal population remains in the area today and they take an active interest in their cultural heritage.

### **2.2 AHIMS Search**

A search of the AHIMS (Aboriginal Heritage Information Management System) register was conducted for an area of 30 square kilometres surrounding the study area. The search identified 50 sites recorded in that area. Table 2 contains the results of the search. Figure 3 shows the general locations of the AHIMS results. Figure 4 shows the proposed diversions, maximum subsidence of the longwalls after extraction of the Pikes Gully Seam and indigenous sites near the impact area including those recorded in 2009 as part of the Longwall 9 study which were not on the register at the time of the search.

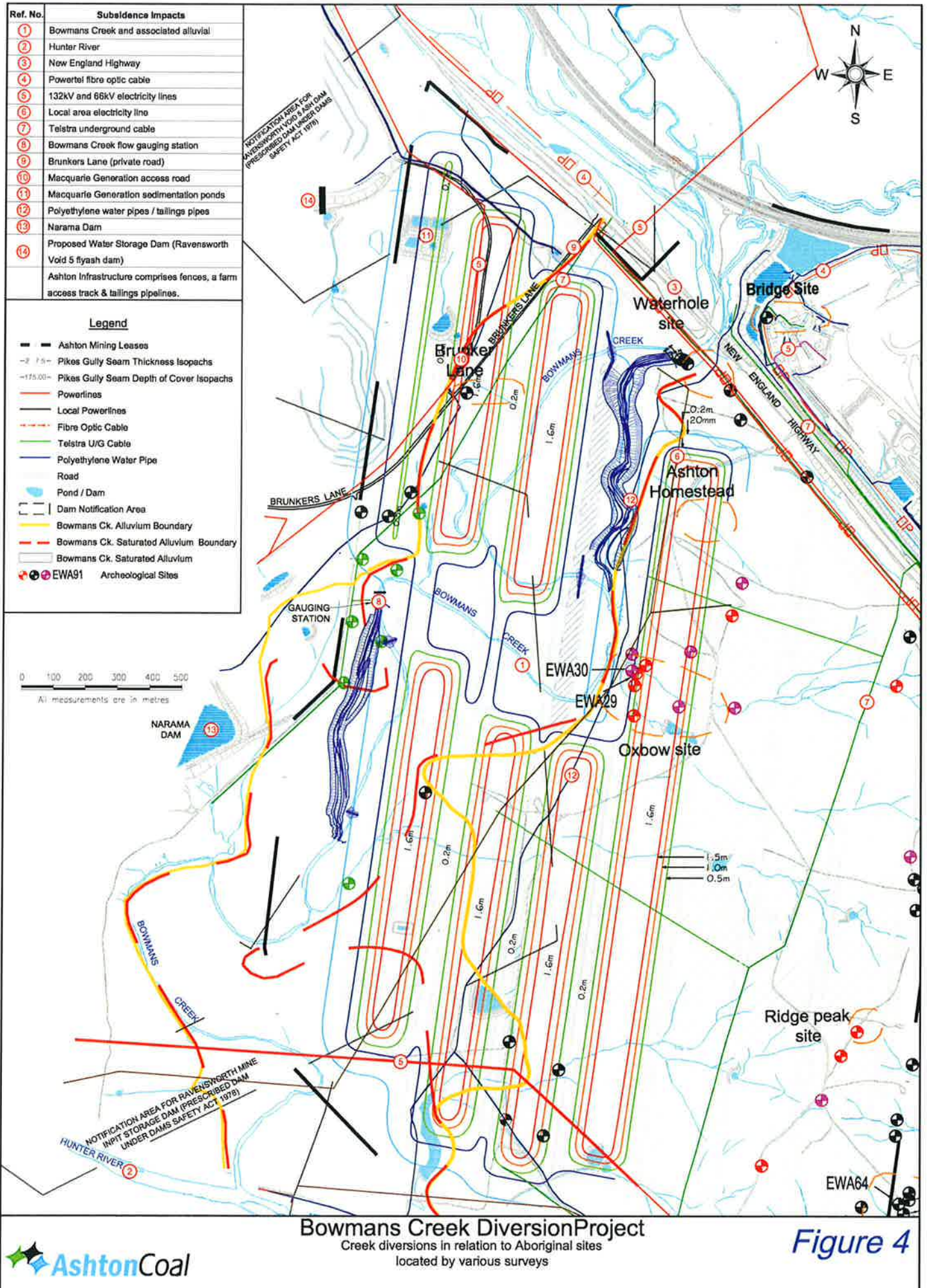
**Table 2 Results of AHIMS search**

<b>Site No</b>	<b>Site Name</b>
37-3-0006	Bowmans Creek Camberwell
37-3-0500	ASH 4 This is the Waterhole Site by an earlier recording.
37-3-0501	ASH 5
37-3-0502	ASH 6
37-3-0503	ASH 7
37-3-0511	ASH 15
37-3-0512	ASH 16
37-3-0513	ASH 17
37-3-0514	ASH 18
37-3-0515	ASH 19
37-3-0516	ASH 20
37-3-0517	ASH 21
37-3-0518	ASH 22
37-3-0529	Ashton EWA 24
37-3-0533	Ashton Peak Ridge site
37-3-0534	Ashton Hunter River slope site
37-3-0535	Ashton EWA 97
37-3-0536	Ashton High Spur site
37-3-0537	Ashton High Ridge Workshop site
37-3-0538	Ashton Glennies Flats2 site
37-3-0539	Ashton Glennies Flats site 1
37-3-0540	Ashton Glennies Bluff site
37-3-0541	Ashton Glennies Creek site
37-3-0543	Ashton EWA 80
37-3-0544	Ashton EWA 50
37-3-0545	Ashton EWA 51
37-3-0546	Ashton EWA 52
37-3-0547	Ashton EWA 56
37-3-0548	Ashton EWA 57
37-3-0549	Ashton EWA 60
37-3-0550	Ashton EWA 68
37-3-0551	Ashton EWA 69
37-3-0552	Ashton EWA 70
37-3-0553	Ashton EWA 71
37-3-0554	Ashton EWA 78
37-3-0555	Ashton EWA 83
37-3-0556	Ashton EWA 89
37-3-0557	Ashton EWA 91
37-3-0562	SC - 1
37-3-0572	SC - 12
37-3-0573	SC - 13
37-3-0577	SC - 17
37-3-0578	SC - 18
37-3-0579	SC - 19
37-3-0580	SC - 20
37-3-0581	Ashton EWA 93
37-3-0737	Ashton EWA 77
37-6-0235	Rixs Creek
37-6-0236	Rixs Creek



Base Map © Dept. of Lands Panorama Ave Bathurst 2795 www.lands.nsw.gov.au

Figure 3 Location of recorded archaeological sites as per the AHIMS search in proximity to the study area.



## 2.3 Local Indigenous Archaeological Context

A review of previous archaeological assessments was conducted in proximity to the proposed development in order to place the study area into an archaeological context.

Koettig (1986) excavated a number of sites on the alluvial flats of Glennies Creek following a survey for the Glennies Creek to Singleton pipeline. Excavations revealed distinct A and B soil units and a geomorphologist who investigated this site suggested that the B unit could date from 10,000 to 30,000 years old. Of note, one site was radiocarbon dated to over 13,000 years BP and contained evidence of a hearth and associated artefacts. Excavation showed that these sites represented discrete activity units, knapping floors, ovens, hearths and heat treating areas; distance between these features was unpredictable, and their distribution along the creek lines did not have a pattern. All the dated sites found at Camberwell were of the mid-Holocene period (Koettig 1992).

Stuart (1999) surveyed an area for a proposed waste rock dump to the east of Glennies Creek and to north of the Camberwell village. The survey concentrated on an area along Station Creek, a tributary of Glennies Creek. The survey located 3 artefact scatters and 16 isolated finds. No sites were assessed as being of high significance, one artefact scatter was regarded as being of medium significance and the remainder were of low significance.

HLA Envirosiences (2005) conducted subsurface investigations for the proposed extension of the Rail Unloader Facility at Newdell Junction, just north of Ravensworth for Macquarie Generation. The previous survey identified three sites (MG#1, 2 &3), all open artefact scatters, located on lower slope and in an open depression. The main artefact types recorded at the sites include flakes, broken flakes, retouched flakes and cores, with raw material types of silcrete, mudstone and fine grained siliceous (FGS). Subsurface testing at sites MG#1 and MG#2 and in designated areas of sensitivity across the site. A total of 197 whole and broken artefacts were recovered from subsurface testing, with the majority (156) were identified as flakes. 24 retouched flakes were also recorded of which 5 were backed artefacts. 5 cores were also identified. 88 of the artefacts were manufactured from silcrete, and 88 from FGS. Small numbers of chert, volcanic and quartz were also recorded. The majority of artefacts were recovered from areas of testing located on the lower slopes. Only three artefacts were recovered from test pits located on the alluvial flat, but it was considered that artefacts may have been removed from this area due to flooding or buried deeper than 80cm the limit of the excavations. Buried deeper would be consistent with the Koettig 1992 findings.

Umwelt (2002) conducted an archaeological assessment for enlargement of a mine water storage dam for the Nardell Coal Mine. The survey covered an area of approximately 1200 x 300m and was situated on a hill and gently sloping land to the north of the New England Highway and south of the Macquarie Generation coal conveyor, north of Ravensworth. The survey identified six sites (N1-N5 and the Dam Site) predominantly open artefacts scatters.

The Umwelt (2002) survey also revisited five sites identified by Stuart (1996) located in Nardell Colliery land, north of the Macquarie Generation coal conveyor (Nard 8,9,11,12&13). The dominant raw material types were mudstone and silcrete with some porcellanite and glass with main artefact types recorded as flakes, broken flakes, flaked pieces and cores. The largest site recorded by Stuart and re-recorded

by Umwelt, Nard 12 (37-3-0523), comprises of 150 artefacts in a 50m x 30m area. Severe sheet erosion and previous disturbances were noted at the site.

In 2004 Umwelt surveyed land at Glendell for a proposed open cut mine project. This area is approximately three kilometres to the north of the study area and comprises similar landform units, within the Glennies and Bowman's Creek catchments. The survey recorded 29 artefact scatters, 7 isolated finds and a quarry site. The majority of sites were within 30m of watercourses (63%). Three sites contained more than 100 artefacts with mudstone being the most commonly utilised material followed by silcrete. Two sites were deemed to be of high significance and three to be of moderate to high significance.

### *2.3.1 Surveys within the ACOL Lease Area.*

HLA Envirosiences (2001) carried out an archaeological assessment for White Mining Ltd at Camberwell for the Ashton Coal Project. This area included the eastern diversion within the current study area. The study area included the land between Bowmans and Glennies Creeks. Vehicle and foot surveys were conducted over the 801ha proposed for impact (HLA 2001:16). The survey identified twenty four archaeological sites. Twenty of the recorded sites were identified as artefacts scatters ranging from 2 to approximately 200 artefacts, with the majority containing 4-10 artefacts. Four isolated artefacts were also recorded. The majority of recorded artefact types were flakes pieces and flakes with some cores and tools, with silcrete and mudstone the dominant raw material with minor quartz and quartzite. The majority of sites were located along drainage channels, and adjacent creek flats and low ridge lines. Witter (2002) resurveyed the area and completed a more detailed analysis. He revisited previously recorded sites and also identified an additional 18 sites, 31 isolated artefacts and 6 sets of grinding grooves. At three of the recorded sites (Waterhole, Oxbow and Glennies Creek sites) over 200 artefacts were identified. All three sites were located on high ground adjacent to a deep section of a permanent creek. There was also a close similarity in artefact type at the three sites. All three sites were noted as having a low component of micro-blade technology, and two sites also had associated grinding grooves.

Investigation that directly relates to the study area was carried out by Hardy (2001) and Witter (2002) when they surveyed an area between Bowman's Creek and Glennies Creek for White Mining Pty Ltd. This survey covered an area to the east of the study area although portions of the study area were covered at the time. Two sites were located within the study area. EWA80 contained two artefacts and EWA89 had only one.

A number of significant sites were located adjacent to the study area. These include the 'Oxbow Site', 'Waterhole Site', 'Brunker's Lane Site' and 'Asthon Homestead Site' (see figure 3). The Oxbow site was spread over an area measuring approximately 400m x 150m. Witter recorded over 200 artefacts at this site and suggested it may have been related to fish traps (Witter 2002:75). The Waterhole site contained 36 artefacts and a set of nine grinding grooves (Witter 2002:58). The Brunkers Lane site is located to the east of the study area and contains eleven artefacts.

Mitchell (2002) conducted a geomorphological study into Witter's survey area and this included a pit dug into a terrace within the Asthon Glennies Creek site. Of note, an artefact was exposed in the pit wall by rainwash. This artefact was 550mm below the ground surface within a buried soil profile (Mitchell 2002:22). Mitchell suggested this buried soil profile may be of an early Holocene or possibly a late Pleistocene age.

Sites dating to the Pleistocene are uncommon in the Hunter Valley and, as such, sites with any potential to provide dates of this age are deemed to be very significant.

In 2008 Insite Heritage conducted an archaeological survey along the route of a proposed pipeline corridor from Camberwell to the Liddell and Bayswater Powerstations (north west pipeline). The assessment ceased at the western boundary of Ashton Coal Operations.

Also in 2008 Insite Heritage obtained a Section 87 permit to allow monitoring by Wonnaruah LALC of a telecommunications trench that traversed the Bowmans Creek flat. No artefacts were found during excavation of the creek flat (S. Worth pers. com).

In December 2008 Insite Heritage surveyed the area of the proposed South East Open Cut for Ashton Coal. The Aboriginal archaeological assessment identified 85 archaeological sites (artefact scatters and isolated finds combined) within the study area. A number of identified sites were of low significance, comprising low density open artefact scatters or isolated finds, however sites located on the terrace and slopes above Glennies Creek are of high significance within a local and regional context (Besant et al 2009).

In 2008/9 Insite Heritage also provided an assessment for the Longwall 9 project for Ashton Coal. This study included the proposed western diversion of Bowmans Creek. The Aboriginal archaeological assessment identified seven (7) archaeological sites (artefact scatters and isolated finds) within the Longwall footprint. The identified sites were of low significance, comprising of low density open artefact scatters or isolated finds. However, the portion of the study area that consists of terrace flanking Bowman's Creek was identified as containing potential sub-surface deposits or PAD, and has been assessed as being potentially significant (Besant et al 2009a).

## 2.4 Site Types within the Hunter Region.

The archaeological record of the Hunter Valley has revealed a distinct site patterning for the region. Previous archaeological investigations have shown that archaeological sites are more prevalent in areas in close proximity to water sources with the number and density of archaeological sites increasing with the permanence of the water resource. Areas surrounding creek confluences have also been shown to be of importance in the region and potentially contain larger and more complex archaeological sites. River terraces have also been noted to have been favoured areas for Aboriginal encampments. The preference for occupation close to water resources may also lead to the re-deposition of artefacts in alluvial sediments and the exposure of subsurface archaeological material as a result of geomorphological processes. Whilst these areas can be favoured for larger camp sites, smaller artefact scatters may occur in all landscapes, resulting from movement between areas and the procuring of resources.

The work by Koettig on Glennies Creek demonstrates that sites may be located at depth, and in a relatively random distribution along the water course.

The following is a brief description of the site types that occur within the region:

**ARTEFACT SCATTERS:** In most archaeological assessments, an artefact scatter comprises more than one stone artefact within a particular context. Where only one artefact is found, and no potential archaeological deposit is identified, it is referred to as an isolated find.

An artefact scatter may consist of surface material only, which has been deflated by erosion, or it more typically involves a sub-surface deposit of varying depth. Other features may be present within artefact scatter sites, including hearths or stone-lined fireplaces, and heat treatment pits.

Artefact scatters may represent the evidence of:

Camp Sites - where everyday activities such as habitation, maintenance of stone or wooden tools, manufacturing of stone or wooden tools, management of raw materials, preparation and consumption of food and storage of tools has occurred;

Hunting or gathering events;

Other events - spatially separated from a camp site (eg. tool production or maintenance); or

Transitory movement through the landscape.

Isolated finds are single artefacts. They may be representative of simple, singular discards or may be all that is visible within a site, with other material either obscured from view or buried beneath the surface.

The detection of artefact scatters depends upon conditions of surface visibility and ground disturbance and post-depositional change through either sediment accumulation or surface erosion. Vegetation cover and deposition of sediments generally obscures artefact scatter sites and prevents their detection during surface surveys. High levels of ground disturbance can also obscure or remove evidence of a site.

**BURIALS:** Human remains tended to be placed in hollow trees, caves or sand deposits. Usually burials are only identified when eroding out of sand dunes or creek banks, or when disturbed by development. Aboriginal communities are strongly opposed to the disturbance of burial sites.

Burials have been located in the Hunter Valley at Muswellbrook (Carter *pers. com.* 2003) and Bolwarra (AHIMS Site No. 36-4-0061). However, the probability of detecting burials during fieldwork including excavation, is extremely low.

**GRINDING GROOVES:** Grinding grooves are formed in stone where ground edge tools or stone hatchets or axe 'blanks' have had their edges ground to a sharper edge. Suitable blanks are prepared by taking flakes off the edges of pebbles then grinding the edge smooth and sharp with a repeated, linear motion across the surface of the grind-stone. Sandstone is generally preferred, as the sand particles have excellent abrasive qualities, particularly when water is introduced onto the grindstone. Grinding grooves are located in Bowman's Creek (AHIMS Site No. 37-3-0006).

**SCARRED TREES:** Scarred trees contain scars caused by the removal of bark for use in manufacturing canoes, containers, shields or shelters. Mature trees, remnants of stands of the original vegetation, have the potential to contain scars.

#### 2.4.1 Site types within the study area

Recent studies that have included the current study area, have identified sub surface deposits with small surface expressions of artefacts, in areas of disturbance such as



un-surfaced vehicle tracks, burrows, cattle tracks etc. Artefact scatters have been recorded in the eastern part of the study area, particularly on the terraces above Bowman's Creek. It has been noted that the opportunity to locate surface expressions of artefact deposits is limited on the flood plain due to the density of grass cover in addition to the potential 50cm of flood deposits identified by Mitchell in the Witter (2002) study.

There is also a potential for previously unrecorded grinding grooves, to occur within Bowmans Creek. The Creek was densely vegetated at the time of the 2002 and 2008 surveys (and remains so) and the depth of water in the creek prevented a thorough investigation of the creek floor. It is noted however that the areas in which grinding grooves have been located on Bowmans Creek have been adjacent to elevated areas or ridgelines where the creek meanders against the foot slope of the ridge thus exposing rock outcrops. The proposed diversions are located on the flood plains and will cut alluvial soils.

There have been few modified trees recorded in the area probably owing to the mining and pastoral history of the area. No scarred trees have been recorded in the study area.

## **3.0 Archaeological Assessment**

### **3.1 Study Objective**

The aim of the study was to identify the impact of the proposal on Aboriginal sites including areas of potential archaeological deposit (PAD). As the area has been subject to previous surveys as recently as December 2008, the assessment is based upon existing data and no field work is required.

An important aspect of the study is to include Aboriginal stakeholders in the development of appropriate mitigation strategies should the project be approved. The report will outline the impact of the development and then that information will be disseminated amongst stakeholders and mitigation measures developed in conjunction with the stakeholders.

The Longwall 9 2009 assessment (fieldwork conducted December 2008 and reporting September 2009) includes the area of the proposed western diversion. The eastern diversion lies within the Witter (2002) assessment area which has also been the subject of a geomorphology assessment Mitchell (2002). The area of the eastern diversion also lies within the subsidence management plan (SMP) area which provides strategies for the archaeological management of sites within the underground operations area (Besant et al 2007, 2008). The SMP is subject to annual review and updating in consultation with the Aboriginal stakeholders.

### **3.2 Western Diversion**

#### *3.2.1 Longwall 9 Assessment 2008 /2009*

A survey was conducted on the 17<sup>th</sup> and 1<sup>st</sup> December 2008 and was carried out by Angela Besant, Elizabeth Wyatt and Christopher Carter (archaeologists, Insite Heritage Pty Ltd) and representatives from the Aboriginal stakeholder groups. Assessment of the proposed South East Open Cut occurred concurrently so stakeholders registered for that project also had the opportunity to inspect the proposed longwall location regardless of their registration status. Stakeholders participated in the Longwall 9 survey on the 17<sup>th</sup> December and the 18<sup>th</sup> December, 2008.

The survey of the study area was conducted on foot on the 17<sup>th</sup> and site inspections by vehicle on the 18<sup>th</sup> December 2008.

Figure 5 contains a map showing landscape unit boundaries, Table 3 outlines the survey details.

Sites located were recorded by their location, visible extent, landform and aspect. Site boundaries were defined arbitrarily; generally because of restrictions to surface visibility. Stone artefacts were recorded at a basic level including type, colour, raw material, basic dimensions and obvious diagnostic features (eg cortex, edge wear, backing etc).

The survey inspected 16.8ha. The total effective survey coverage (visible ground surface inspected taking into account archaeological visibility) was 2327m<sup>2</sup> or 0.7% of the study area.

Surface visibility was generally very low due to a dense grass cover. A few exposures were noted along the edge of the creek terrace. Stock trails and dams

provided limited exposures as did vehicular tracks. There were very few mature trees located within the study area. All trees of any size were inspected for evidence of scarring.

The total effective survey coverage of the study area was quite low (0.7% of study area). The lack of archaeological visibility due to the regular flood deposits of silt and soil meant that increased surface visibility over the floodplain may have not improved the chances of locating more sites.



**Plate 1 LWA 5**

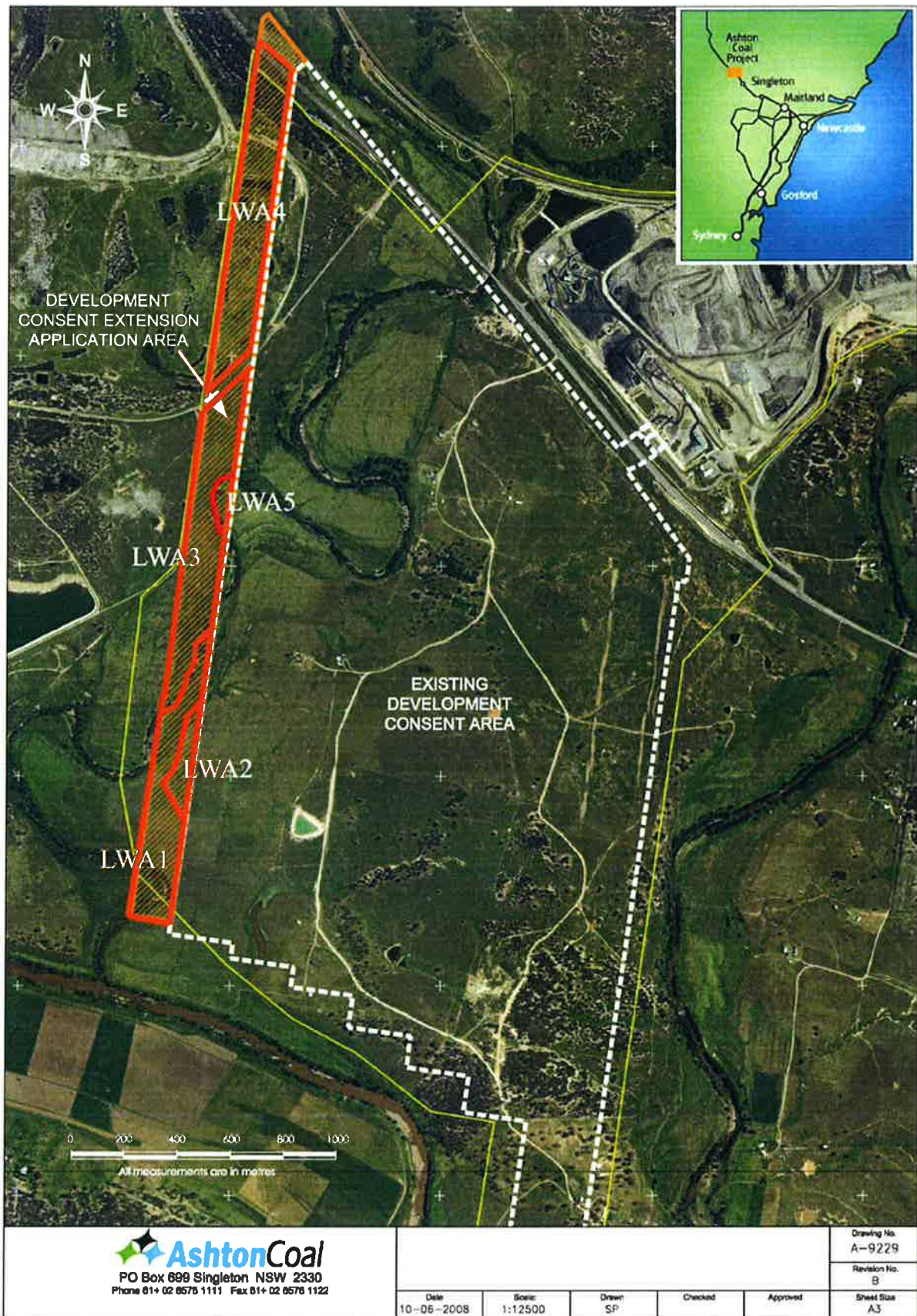


Figure 5 The longwall 9 study area.

**Table 3 Survey Details of the Longwall 9 Survey**

Survey Unit	Location	Landform	Approx Area	Surface Visibility (SV)	Arch. Visibility (AV)	Effec. Coverage m <sup>2</sup>	Sites	Notes
LWA1	At southern end of study area flanking bend in creek and floodplain to the north.	Floodplain creek bank	9.3ha	<1%	20%	96	0	Very dense grass cover. Limited exposure along vehicular tracks. Cut in creek bank indicate alluvial deposit over 4m deep.
LWA2	Eastern edge of study area cuts into terrace	Terrace	1.3ha	<1%	30%	39	1	Limited exposures on stock trail on edge of terrace above floodplain. Artefacts located.
LWA3	Mid-section of study area west of Bowman's Creek	Floodplain creek bank	12.1ha	<2%	30%	726	0	Very dense grass cover. Limited exposure along vehicular tracks. Woodland of casuarina and eucalypt along creek bank.
LWA4	West of Bowman's Creek toward Brunkers Lane	Ridge crest	11.5ha	<5%	60%	3540	6	Limited exposures in heavy grass cover with a few stands of casuarinas with high exposure underneath. Artefacts located along vehicular track at the base of slope / creek flats margin.
LWA5	Bowmans Creek margins	Creek bank	.9 ha	<1%	60%	54		Small areas of creek margin / bank exposed by sheet erosion and animal tracks.

Note: Surface visibility is the estimated percentage of surface exposed.

Archaeological visibility within the exposures above i.e. leaf litter over bare earth reduces archaeological visibility from 100% (100% being bare earth – in-situ surface, no silt, gravel or other obscuring factors)

### Longwall 9 Survey Results

The longwall 9 survey identified a total of 21 artefacts in seven locations, five of which are relevant to the Bowmans Creek diversion. Figure 6 details the location of each site within the study area whilst Table 4 below, outlines the site details. The five sites which are relevant to the Bowmans Creek diversion are LW4.2, LW4.3, LW4.4 and LW5.2.

**Table 4 Details of identified sites for the longwall 9 survey.**

Survey Unit	Site	Landform	Location GPS (UTM, datum WGS84)	Exposure (Approx. m)	Visibility	Description
LWA2	1	Terrace	E 56S 317450 N 6404979	60 X 5	100% SV 50% AV	Artefact scatter: Exposure on edge of terrace. . Low potential for sub-surface material. Artefacts: 1 chert, 1 FGS, 1 silcrete, 8 mudstone.
LWA4	1	Ridge crest	E 56S 317665 N 6406142	5 x 10	30% SV 60% AV	Isolated find: Exposure on edge of dam. Artefact: 1 mudstone
LWA4	2	Ridge crest	E 56S 317487 N 6405997	0.5 x 0.2	50% SV 60% AV	Isolated find: Exposure on edge of drill pad. This is probably previously recorded site EWA80 (Witter 2002) Artefact: 1 silcrete
LWA4	3	Ridge crest	E 56S 317431 N 6405609	2 x 1.5	50% SV 100% AV	Artefact scatter: Exposure along vehicular track. Artefacts: 4 mudstone, 1 silcrete
LWA4	4	Ridge crest	E 56S 317456 N 6405801	2 x1.5	50% SV 100% AV	Isolated find : Exposure along vehicular track. Artefacts: 1 mudstone
LWA5	1	Creek bank	E 56S 317548 N 6405739	1x .5	<20% SV 30% AV	Isolated find: Exposure along creek bank Artefacts: 1 silcrete
LWA5	2	Creek Bank	E 56S 317595 N 6405963	1x .75	<20% SV 30% AV	Isolated find: Exposure along creek bank Artefacts: 1 mudstone

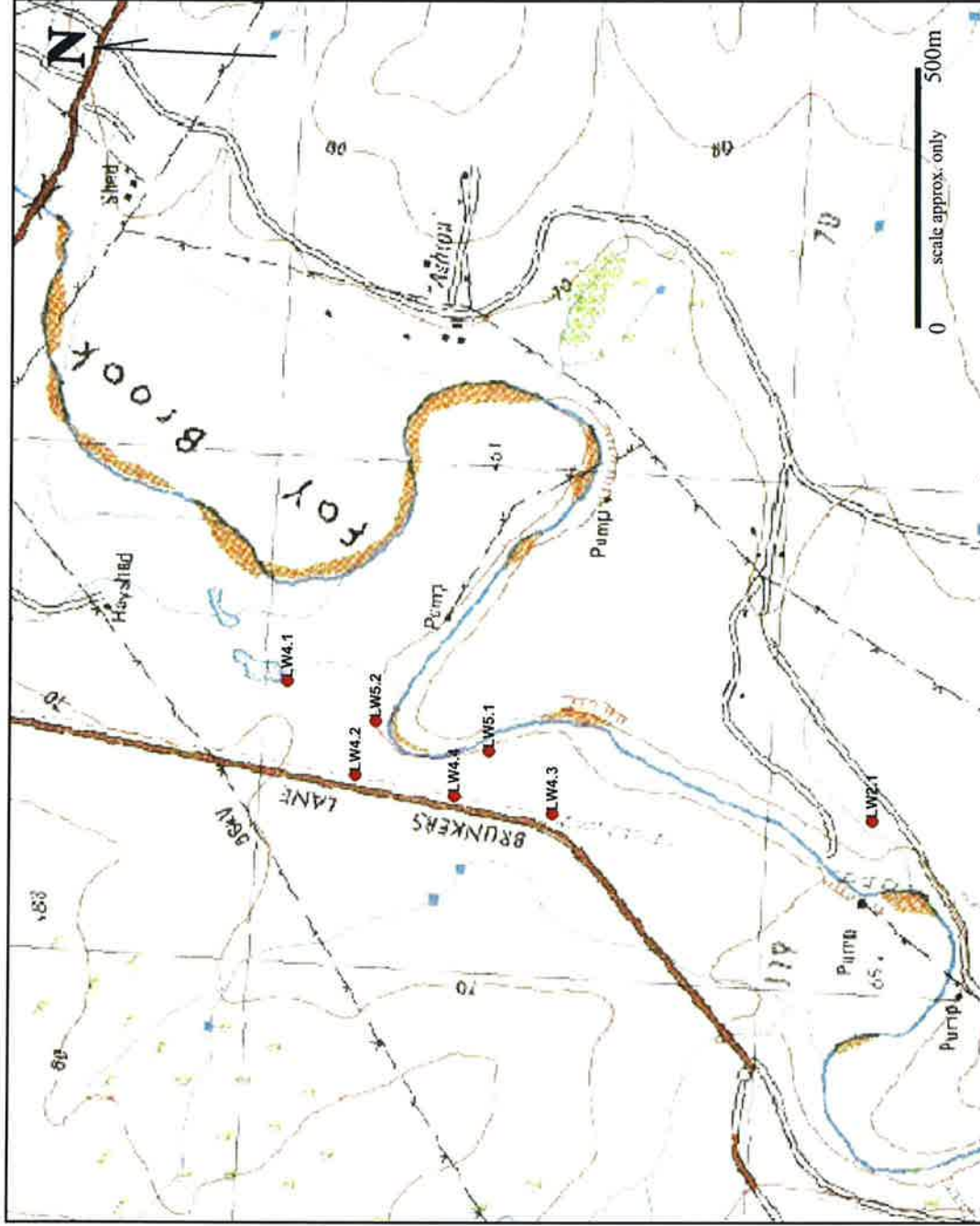


Figure 6 Location of identified sites in the Longwall 9 study area. Note Foy Brook is Bowmans Creek

### 3.3 Eastern Diversion

#### *Witter (2002) Archaeological Assessment*

The location of the eastern diversion is within the 2002 Witter assessment area and has been subject to ongoing monitoring and management under the 2007 & 2008 Subsidence Management Plan (SMP).

The location of the diversion was found to be heavily vegetated and the floodplain subject to post European (PE) deposits of up to 50cm thick (refer Section 3.4).

The Waterhole Site (EWA 28 & 19: NPWS site no. 37-3-0500) is considered a site of significance. The site is located north of the proposed eastern diversion. The site comprises a waterhole abutting a sandstone outcrop on Bowman's Creek. The site covers a 250x100m area with 256 artefacts, including 36 implements and three sets of grinding grooves (GG1, GG3, GG4) were identified, with visibility at 50%.

Although heavily disturbed, Witter identified a 50x50m area between exposed area EWA 28 and the grinding grooves expected to contain *in situ* deposits. It was considered that the site may be an extension of the Bridge site located on the east bank of Bowmans Creek on the northern side of the New England Highway.

More recent inspections of the site have found that the main area of the site – comprising 256 artefacts has been extensively eroded. Many of these artefacts have now been relocated from the primary erosion area – parallel to the boundary fence adjacent to the highway- and placed along the southern edge of the site. This work was carried out by Wonaruah LALC under a Section 87 permit that allowed the replacement of telecommunications fibre through the north east part of the site (Besant 2008).

### 3.4 Geomorphology Assessment - Bowmans Creek

Of particular relevance to the proposed diversions is the geomorphology assessment of the floodplains of Bowmans Creek conducted by Peter Mitchell, Groundtruth Consulting (2002). The assessment sought to identify any potential palaeo-landscapes amongst the creek terraces.

The study identified the changes to Bowmans Creek since the 1955 floods demonstrating the dynamic character of the creek. Meanders have been modified. Human intervention has also modified the creek morphology with the reinforcing of the creek bank in sections (Figure 7).

The study found that the floodplains of "Bowmans Creek have been cultivated and the soil is likely to be homogenized by ploughing to a depth of 25 to 30 cm. The flood plain has also been subject to extensive sedimentation and possible sheet erosion during the 1955 floods.

Figure 8 shows the distribution of post 1955 sediment along Bowmans Creek over the location of the proposed diversions. This sediment was estimated at about 45cm deep thus reducing the potential for the identification of Aboriginal sites within this layer.

This is consistent with the findings of the 2008 survey where artefacts were located on small spoil heaps associated with burrows, or depressed exposures.



Mitchell concluded that the fluvial changes identified along Bowmans Creek are likely to have impacted on Aboriginal sites other than fixed features such as grinding grooves. Many sites may have been destroyed by major changes in channel location, bed scour and earthmoving. Sites on the first and second terraces are likely to be buried by relatively recent sediment (Mitchell 2002:10).

A transect of backhoe pits was excavated across the floodplain to determine the character of the deposits and the development history of the terraces. Line 1 was located near the northern end of the proposed eastern diversion (see Figure 9). This line of test pits (four in total) extended from texture contrast soil on sandstone exposed in a road cutting on Brunkers Lane, across a terrace and Bowmans Creek to a sandstone hillslope. The section can be seen in Figure 10. The lower floodplain comprised unconsolidated gravels and sands subject to movement in floods. Basal gravels extend to a depth of 4 to 5 metres. A mantle of sediments up to 45cm thick covered the pre 1955 topsoils

Line two, whilst not in the location of the western diversion provides information which can be extrapolated over the diversion area (Figure 11). The stratigraphy of line 2 was similar to line 1. The modern channel and low flood plain is wider and its bed load gravels finer. Recent PE sediments were observed to a depth of 15cm and the bedrock hill slopes comprise texture contrast soil profile.

Pit 16 on the third terrace showed a dark brown texture contract profile over a gritty clay layer 90cm thick. This terrace was considered to have potential for buried older surfaces.

In conclusion a small area labelled B in Figure 9 was identified as having potential for older buried land surface. The location of this area is not replicated within the area of the proposed diversions.



**Plate 2 Grinding Grooves at the Waterhole Site (courtesy ACOL)**



**Plate 3 View of the Waterhole Site, Facing North (courtesy ACOL)**



**Plate 4 View of the Waterhole Site, Facing West (courtesy ACOL)**

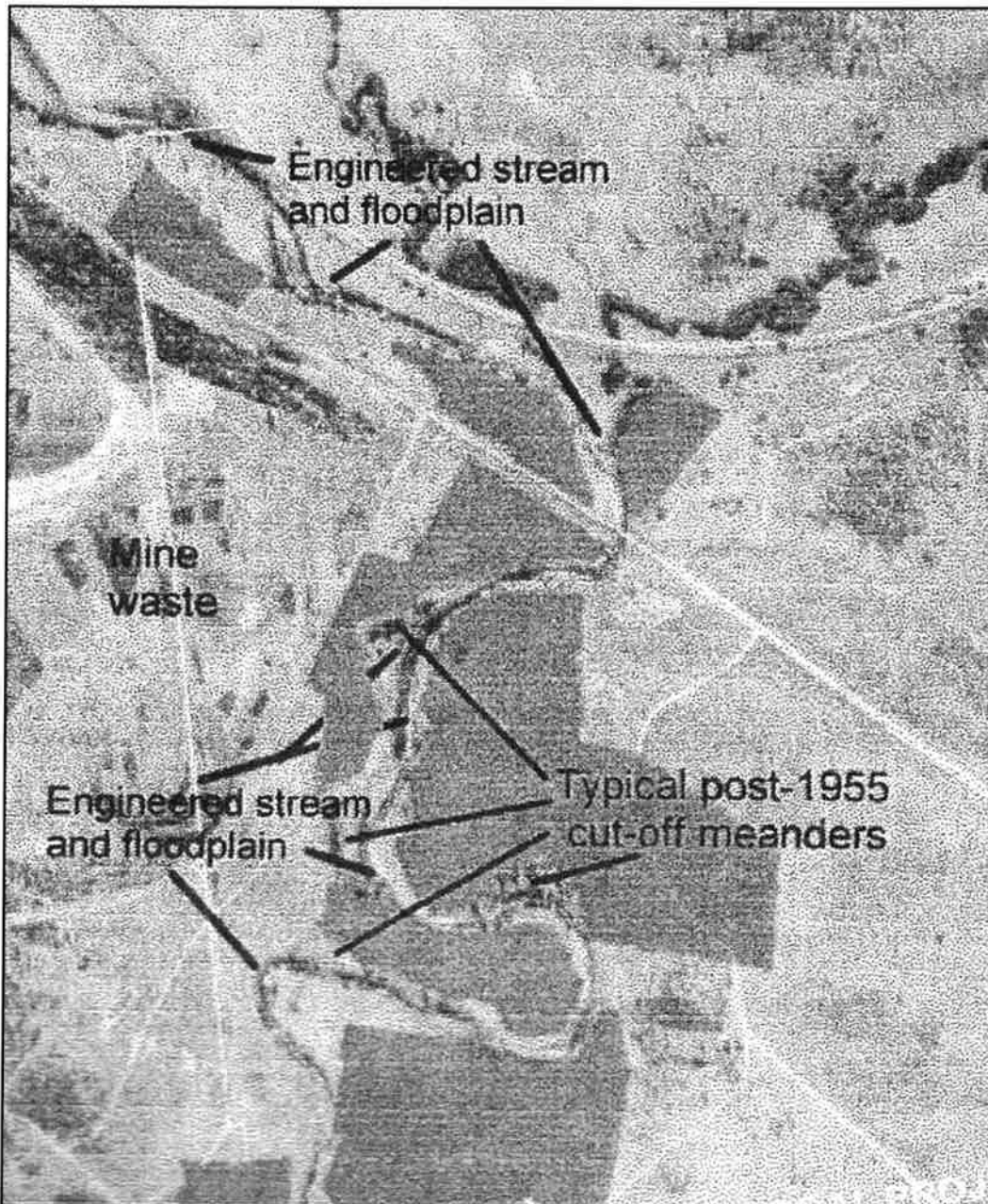


Figure 7 Changes to Bowmans Creek and engineered sections post the 1955 floods (Mitchell 2002).

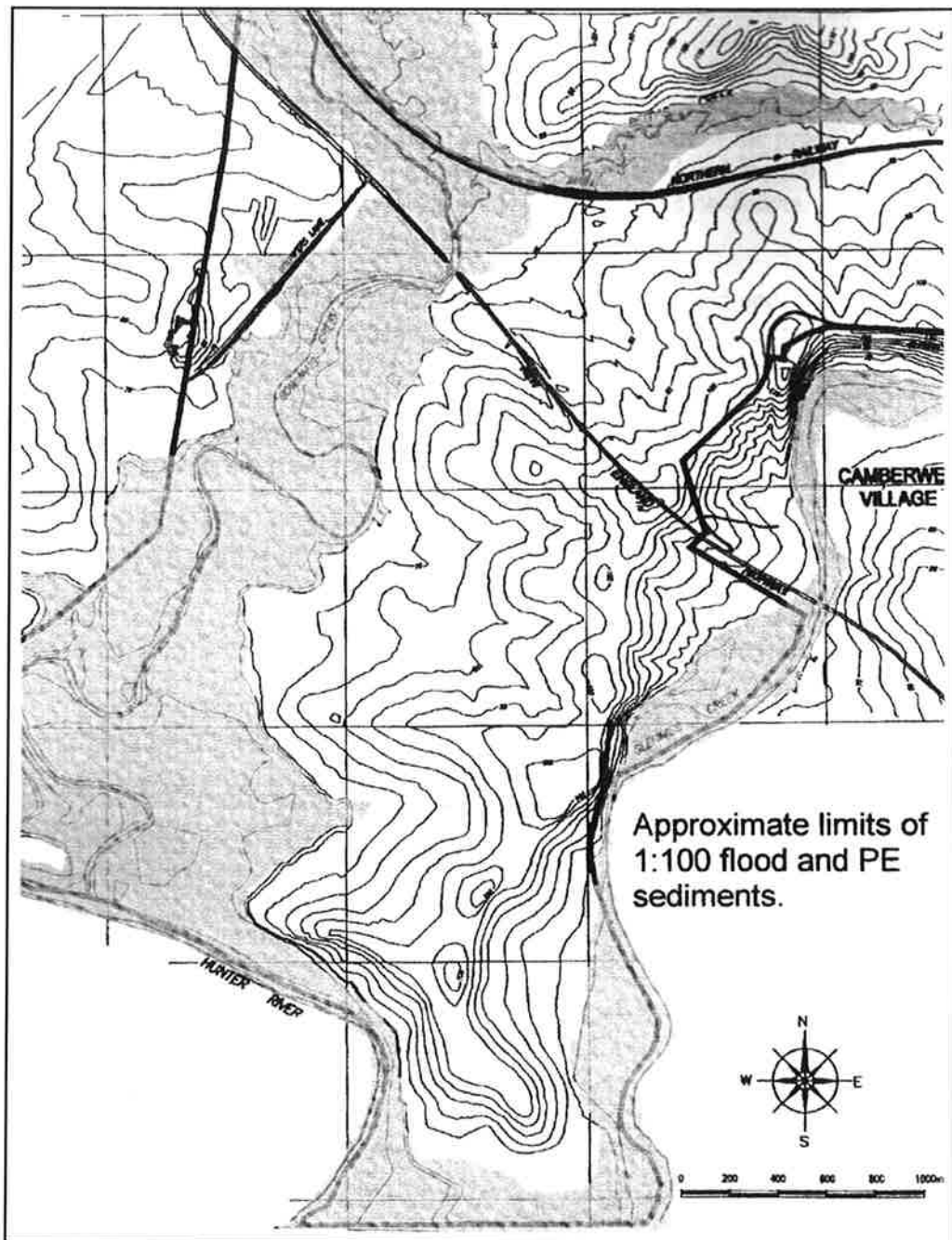


Figure 8 Distribution of recent (PE) sediments along Bowmans and Glennies Creeks (Mitchell 2002)

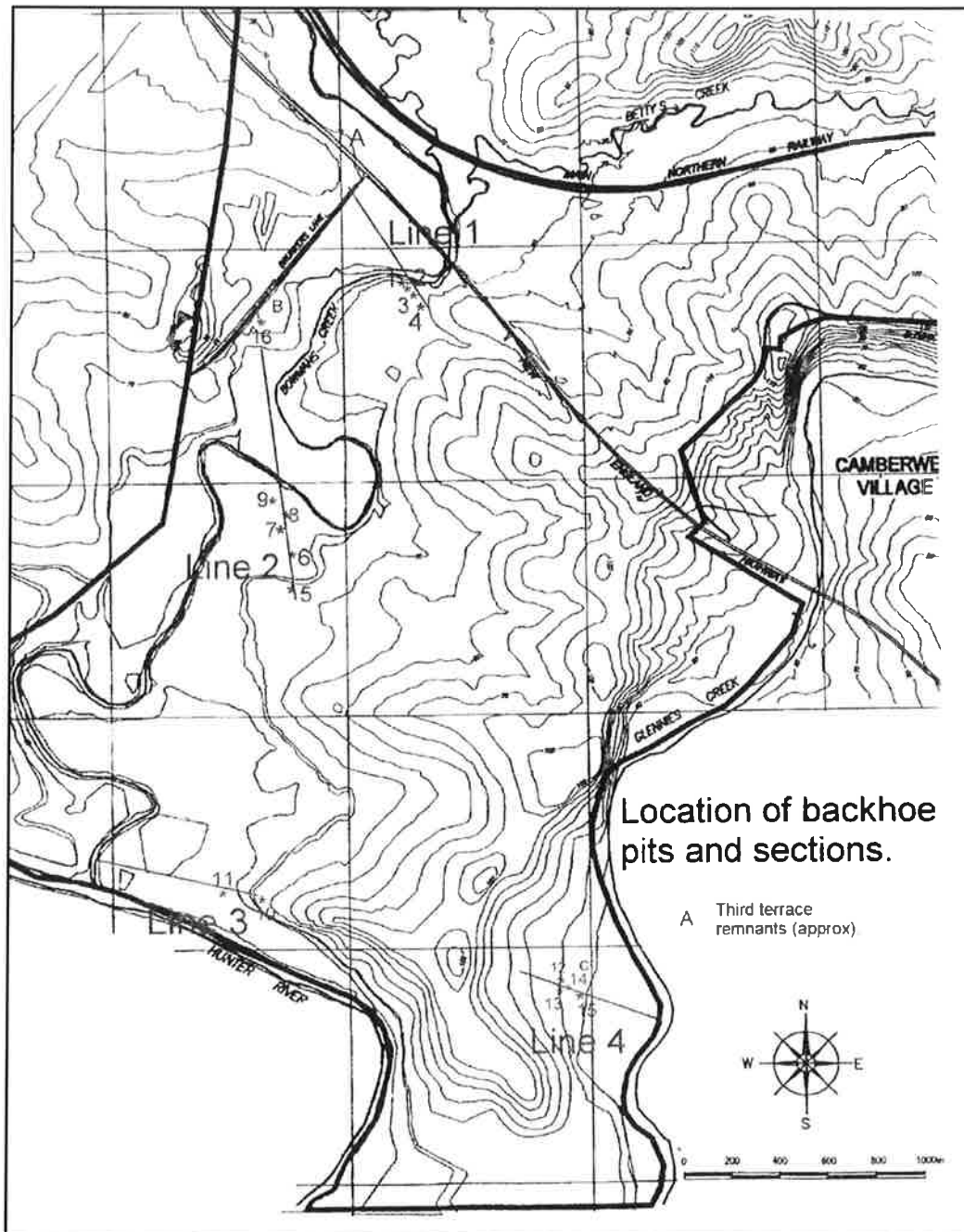


Figure 9 Line 1 and 2 show the backhoe pits relevant to the proposed diversions (Mitchell 2002).

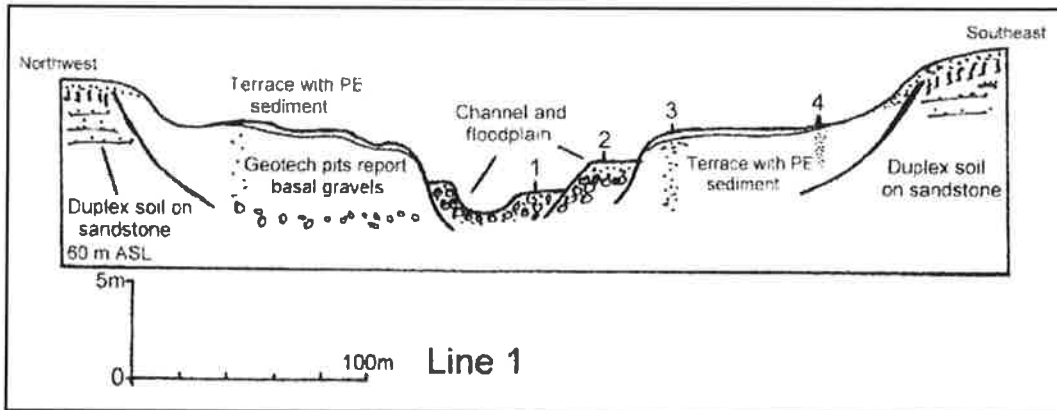


Figure 10 Cross section of Line 1 near the proposed eastern diversion (Mitchell 2002).

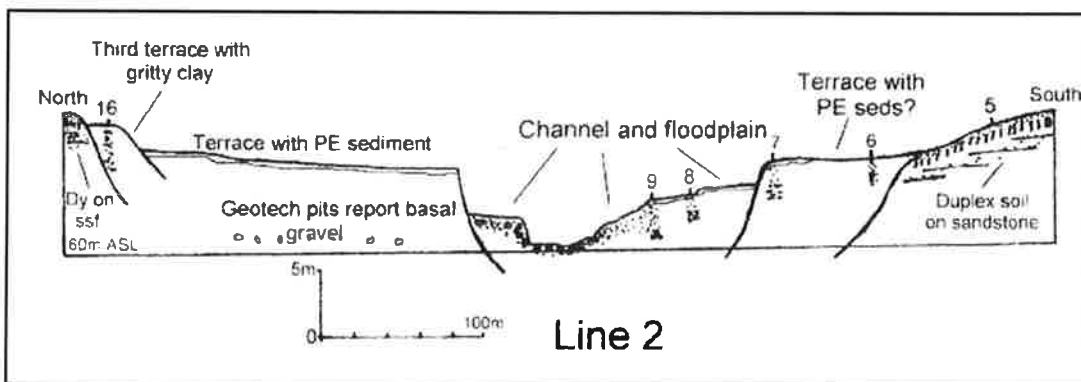


Figure 11 Line 2 to the north and north east of the proposed western diversion (Mitchell 2002).

## **3.5 Impact of proposed diversion on Aboriginal Heritage**

### *3.5.1 Excavation of the diversion channels.*

The excavation of the proposed diversion channels will impact upon Aboriginal heritage in the following manner:

1. Excavation in potential archaeological deposits as identified on the western terrace by Witter 2002 and Besant et al 2009. The potential deposits are the sub surface artefacts likely to be located on and within the western terrace of Bowmans Creek. This PAD identified is associated with the small scatters located at the Brunkers Lane site (Witter 2002) and the seven small lenses recorded during the 2009 Longwall 9 assessment (Besant et al, Insite Heritage 2009).
2. The excavation of the channels will not impact upon the recorded surface lenses referred to above (refer Figure 12).
3. The eastern diversion will not impact on the Waterhole site (refer Figure 13) however the excavation will be within approximately 20 metres of the Waterhole site.

### *3.5.2 Placement of alluvial soils from the excavation of the diversion channels.*

The distribution of the soil excavated from the channels will occur on the creek terraces adjacent to the diversion channels. This activity has the potential to impact upon the recorded lenses of artefacts however the current distribution plan will not impact on these lenses.

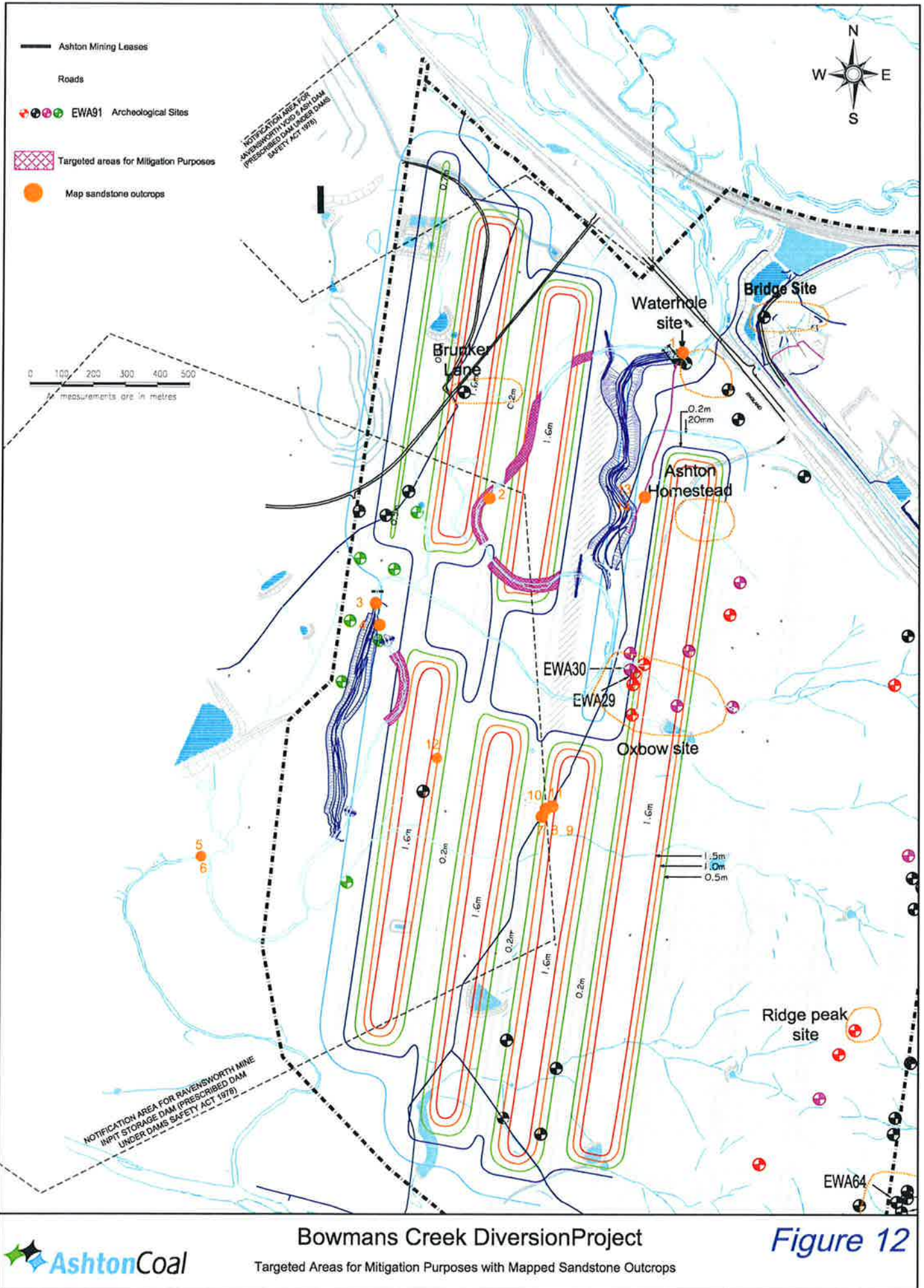
Subsurface deposits will however be covered by the fill although this impact is not expected to impact on the significance of the deposits unless stripping of the existing topsoil is required prior to filling.

### *3.5.3 Longwall associated subsidence*

The approval of the Bowmans Creek diversions will allow mining to pass under sections of Bowmans Creek as per current approvals. ACOL are planning to mine four seams (Pikes Gully, Upper Liddell, Upper Lower Liddell & Lower Barrett Seams) in longwalls 5-8.

A multi seam subsidence assessment for longwalls 5-8 and the proposed diversion channel has been undertaken by SCT (2009). The maximum subsidence below Bowmans Creek is expected to be generally less than 0.4-0.5m after mining of all four seams. This presents a potential for minor cracking in sections of the creek that overlay the longwall margins (refer Figure 12, which details expected subsidence contours for the Pikes Gully Seam only). In the adjacent longwall panels, after completion of mining of the Lower Barrett seam, expected maximum subsidence is up to 8.3m. This will be incremental will involve significant cracks and steps over time. The excised area of the creek will also subside. At completion of mining, portions of the creek diversion will be elevated above parts of the adjacent flood plain which will require filling of subsidence troughs and reshaping of the landform to prevent pooling of surface water (SCT 2009:33).

Management strategies and mitigation measures to address the project are discussed in Section 6.0 of this report.



### Bowmans Creek Diversion Project

Figure 12

Targeted Areas for Mitigation Purposes with Mapped Sandstone Outcrops



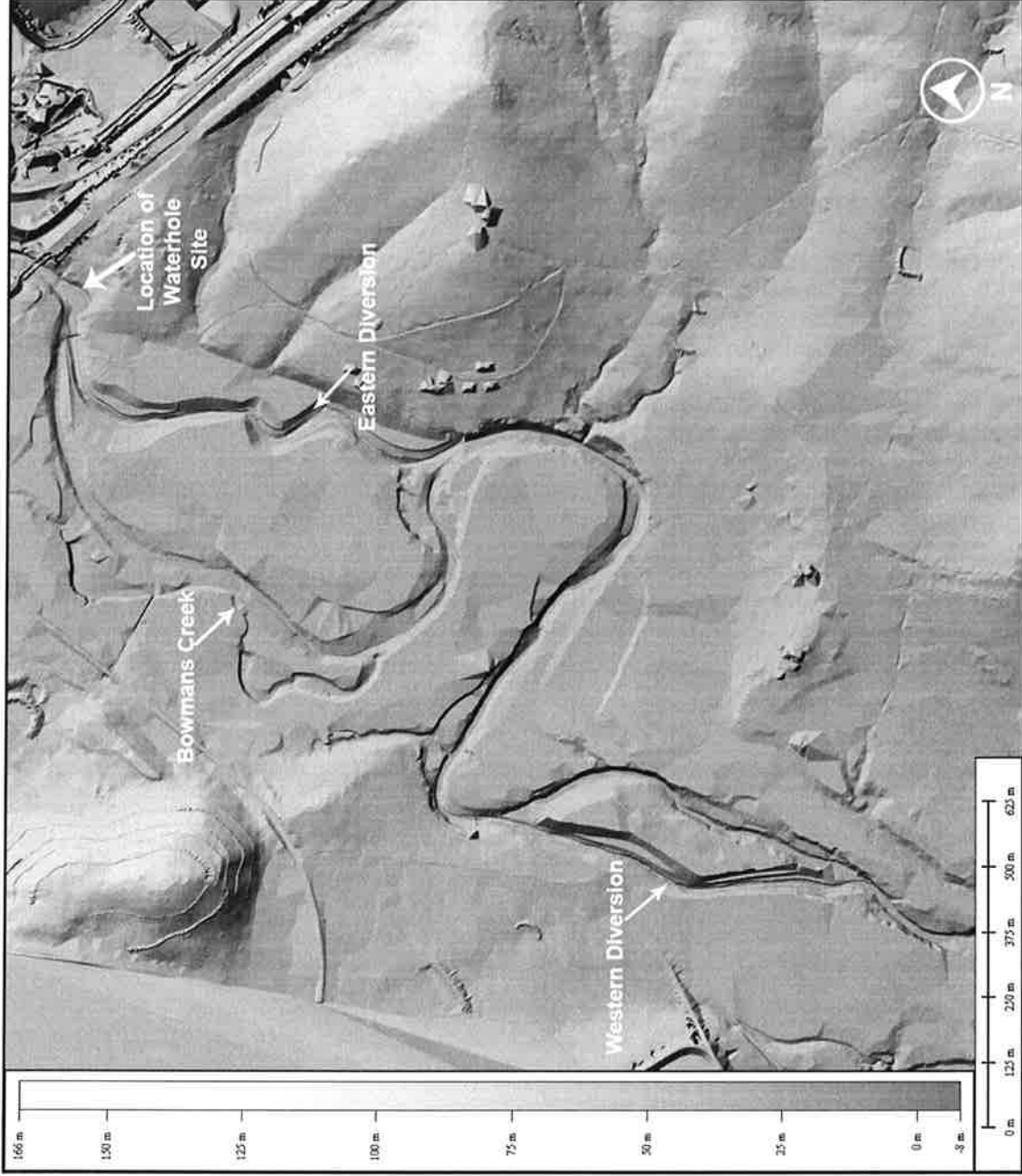


Figure 13 Location of Waterhole Site in relation to diversion channels (image courtesy Mr C. Gippel - Fluvial Systems)

## **4.0 Legislation**

### THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT (1979)

This project is being assessed by the Department of Planning under Part 3(A) of the EP&A Act 1979. This Act over rides other State legislation as the project is considered State significant. However, the intent of the NPW Act 1974 is respected in the assessment process. The Director General's requirements for assessment under Part 3(A) also require consultation as per the Interim Consultation Guidelines developed by DECCW.

### THE NATIONAL PARKS AND WILDLIFE ACT 1974

Whilst this Act is not triggered under Part 3(A) of the EPA Act, it forms the basis on which DECCW provide their recommendations to the Department of Planning upon their review of the project. The NPW Act (section 90) provides statutory protection for all material evidence of Aboriginal occupation of NSW. Aboriginal places which are areas of cultural significance to the Aboriginal community, are also protected by the 1974 Act (section 84) that states:

The Minister may declare lands to be 'protected archaeological areas' to preserve Aboriginal places and relics; and

It is an offence to disturb or destroy an Aboriginal place or relic without first obtaining written consent from the Director of National Parks and Wildlife Service NSW.

A relic is defined as any deposit, object or material evidence (not being a handicraft made for sale) relating to indigenous and non-European habitation of the area that comprises NSW, being habitation both prior to and concurrent with the occupation of that area by persons of European extraction, and includes Aboriginal remains (NPW A s.5(1)).

## **5.0 Significance of Identified Sites**

### **5.1 Significance Criteria**

The basic processes of assessing significance for items of heritage are outlined by *The Australian ICOMOS Charter for the Conservation of Places of Cultural Significance: the Burra Charter* (amended 1999) and its associated *Guidelines*. Sites may be significant according to several criteria, including scientific or archaeological significance, significance to Aboriginal people, aesthetic value, the degree to which a site is representative of archaeological and/or cultural type, and value as an educational resource. In New South Wales the nature of significance relates to historic, aesthetic, social, scientific, cultural or educational criteria and sites are also assessed on the degree to which they exhibit rare or representative characteristics of their type, or whether they exhibit historic or cultural connections.

#### *Scientific Significance*

In order to determine scientific significance it is necessary to first place sites within a local and regional context. This process enables the assessment of any individual site in terms of merit against other sites of similar nature within similar contexts.

#### *Public Significance*

The sites are assessed in terms of their educational value, to enhance community knowledge and appreciation of cultural heritage.

#### *Cultural Significance*

Generally, all sites are of significance to the Aboriginal people. It has been recognised however that with the widespread nature of site distribution, sites will eventually be impacted upon by development. It is however necessary to conserve where possible sites which are of high significance to the community.

#### *Representative Significance*

Site significance is rated low, medium and high. The significance of individual sites is determined by factors such as representativeness, rarity, and the sites potential to add scientific data to what is known about past human occupation of the Australian continent. Conservation outcomes are determined by comparison of a site's qualities with known sites in the region that have been protected.

## **5.2 Statement of Significance**

The project will impact upon a small portion of the potential archaeological deposits of parts of the Bowmans Creek floodplain. The floodplain has been assessed to have the potential for deposits buried by recent alluvial flood deposits. Any archaeological deposits within the terraces are likely to have been reworked by flood events and channel migration. Gemorphological assessment has shown that the terraces are Holocene in age and there is no potential for Pleistocene deposits within the proposed work area.

The potential archaeological deposits within the alluvial terraces of Bowmans Creek within the study area are considered to be of moderate scientific significance.

All sites within the Bowmans Glennies Creek area are of cultural significance to the Aboriginal community.

The Waterhole Site (37-4-0500) will not be impacted by this proposal however is located north of the proposed eastern diversion. This site is rated as high significance a rating reinforced by Aboriginal stakeholders in the course of consultation undertaken for the SMP.

## **6.0 Discussion and Management Recommendations**

This report addresses the impact of the diversion channels only. The channels will impact upon the creek margins where the diversion intersects the existing channel. The impacts upon the potential archaeological resource on the floodplains of Bowmans Creek will be excavation of the diversion channel.

The following management recommendations are made to provide appropriate management strategies should the project be approved.

- i) Mitigation measures will include a salvage program of terrace deposits confined to the area to be impacted.
- ii) The methodology for the salvage will be developed in consultation with the stakeholders.
- iii) Continued consultation with the community regarding actual impact in comparison to modelled impact.
- iv) It is suggested that mitigation methodologies include inspection of the creek bed for grinding grooves once the creek has become more accessible.
- v) An analysis methodology for material retrieved and determination of the ultimate location for the storage of artefacts to be determined by the community.

Strategies to manage any inadvertent impact upon the known sites adjacent to the works area, particularly the Waterhole Site will be drawn from best practice as outlined in the Burra Charter (Australian ICOMOS charter for places of cultural significance), the NSW Heritage Manual 1998 (DUAP and NSW Heritage Office) and the NPWS Aboriginal Heritage Assessment Guidelines 1997.

Methodologies that may be employed to ensure that no inadvertent impacts occur at the Waterhole Site where earthworks are in close proximity to grinding grooves etc will include:

Clear fencing of the site to form a boundary between contractors and the outer perimeter of the site.

Inclusion of a work method statement (WMS) that outlines the responsibilities of contractors in order to ensure that the site is not impacted and which outlines the repercussions of not adhering to the WMS (ie. Fines etc administered by DECCW).

Inclusion of a cultural awareness component in the general induction of contractors working on the project.

## **7.0 Glossary**

**Angular Fragment:** Flaking debris that lacks diagnostic features. Also referred to as a flaked piece (Holdaway & Stern 2004:113).

**Artefact:** Any object, usually portable, that has been made or shaped by human hand (Mulvaney & Kamminga 1999:425).

**Assemblage:** A set of artefacts found in close association with each other (Flood 1989: 281).

**Backed:** Unidirectional or bi-directional retouch located on one lateral margin of a tool (Holdaway & Stern 2004:159).

**Backed Blade:** A blade with one margin deliberately blunted to form a penknife-like back (Flood 1989:281).

**Basalt:** Volcanic igneous rock dark in colour (black – dark grey). Fine grained containing 45-55% silica, iron and magnesium. (Holdaway & Stern 2004:22).

**Bioturbation:** Reworking of sediments through the action of ground dwelling life forms such as ants, termites, and earthworms (Mulvaney & Kamminga 1999:425).

**Blade:** A parallel sided flake, twice as long as it is wide (Flood 1989:282).

**Broken Flake:** A flake fragment which displays only part of the diagnostic features of a complete flake. Broken flakes are classed as either proximal flakes, medial flakes, lateral and distal flakes depending on their visible attributes (Holdaway & Stern 2004:111).

**Chert:** A fine grained crystalline aggregate of silica (Flood 1989:82).

**Clay:** Sediment that contains particles less than 4 µm in size (Kearey 2001:49).

**Coal:** Combustible sedimentary rock, greater than 50% carbonaceous material (Kearney 2001:51).

**Colluvial:** Transported by non fluvial processes (Kearey 2001:53).

**Conglomerate:** Sedimentary rock containing rounded clasts greater than 2 mm in size (Kearey 2001:56).

**Core:** A piece of stone, often a cobble or pebble but also quarried stone, from which flakes have been struck for toolmaking (Mulvaney & Kamminga 1999:426).

**Core Tool:** A core bearing trimming or use wear indicating its use as an implement (Flood 1989:282).

**Cortex:** Outer weathered surface of a rock or mineral (Holdaway & Stern 2004:144).

**Debitage:** The waste product from tool manufacture (Holdaway & Stern 2004:154).

**Distal Flake:** Flakes which have a termination but do not show a platform or evidence of an impact point (Holdaway & Stern 2004:111).

**Dorsal Surface:** Retains part of the original surface of the core or scars from earlier flake removals (Holdaway & Stern 2004:143).

**Erosion:** Process where particles are detached from rock or soil and transported away principally via water, wind, ice and air (Kearey 2001:88).

**Flake:** A piece of stone detached by striking a core with another stone (Flood 1989:283).

**Flake piece/s:** Refer to angular fragment.

**Geometric Microlith:** A microlith of triangular, trapezoidal or other geometric shape, with an abruptly trimmed thick margin (Flood 1989: 283).

**Geomorphology:** The description and interpretations of landforms (Mulvaney & Kamminga 1999:426).

**Hearth:** The site of a campfire (Flood 1989:284).

**Heat Treatment:** Also referred to as heat shatter. The natural or human induced process of heating raw materials to change their properties prior to tool manufacture. Observable changes include alterations in colour, lustre and crystalline structure (Holdaway & Stern 2004:29).

**Loam:** A soil which contains approximately equal proportions of sand, silt and clay (Kearey 2001:156).

**Medial flake:** Flake or flake fragment with an identifiable ventral surface but lacking proximal and distal margins (Holdaway & Stern 2004:111).

**Microlith:** A variety of small, less than 30mm in size, retouched implements of various shapes (Mulvaney & Kamminga 1999: 427, Flood 1989:285).

**Microblade Cores:** Provide the blanks for the small –tool tradition – Bondi points and geometric microliths. Less than 100mm in maximum dimension. Flake scars are parallel and elongate and long relative to core size (Holdaway & Stern 2004:204).

**Midden:** Aboriginal occupation site consisting chiefly of shells with minor components of other refuse such as ash, stone artifacts and animal bones (Mulvaney & Kamminga 1999:427).

**Mudstone:** Used to refer to the fine to very fine grained sedimentary rocks of siltstones and mudstones (Holdaway & Stern 2004:20).

**Open Campsite:** A surface of stone and other artefacts exposed on the ground surface (Flood 1989:285).

**Permian:** Geological time period from 290 – 245 Ma (Kearey 2001:200).

**Platform:** The area on a stone core on which a blow is struck to detach a flake. The detached flake bears on its butt end the original striking platform (Flood 1989: 287).

**Podzolic:** Acid soils with strong texture contrast between sandy or loamy topsoils and clay subsoils (Matthei 1995:319).

Porcellanite: A rock formed by the thermal metamorphism of a soil horizon in basalt (Kearey 2001:208).

Proximal flake: broken flakes that do not have a termination but exhibit features from where the flake was struck from the core such as a platform, bulb of percussion, impact point (Holdaway & Stern 2004:110).

Quartz: Common mineral with naturally sharp edges and poor fracturing properties. Colour ranging from clear, to milky white and pink (Flood 1989:286).

Quartzite: Homogenous medium to coarse grained metamorphosed sandstone (Flood 1989:286).

Retouch: To shape, sharpen or blunt a stone tool by flaking (Mulvaney & Kamminga 1999:428).

Retouched flake: Flakes removed during retouching of a tool (Holdaway & Stern 2004:173).

Sandstone: A sedimentary rock comprised of greater than 25% clasts of sand grains 0.625-2mm in diameters (Kearey 2001:234).

Scarred tree: Trees which have had portions of their barked removed (Mulvaney & Kamminga 1999:32).

Scraper: A flake with one or more margins displaying retouch along the entire margin (Holdaway & Stern 2004:227).

Shale: A sedimentary rock with particles less than 4µm in diameter (Kearey 2001:242).

Silcrete: A sedimentary rock comprising of quartz grains in a matrix of fine grained – amorphous silica (Holdaway & Stern 2004:24).

Soloth (or Solodic): Acid soils with strong texture contrast between pale topsoil and clay subsoil with coarse blocky or columnar structure (Matthei 1995:319).

Stratigraphy: The study of natural and cultural sedimentary strata (Mulvaney & Kamminga 1999: 428).

Symmetrical backed artefact: see geometric microlith.

Thumbnail Scraper: A small flake with a convex scraper edge opposite the platform of the flake and with a shape similar to a thumbnail (Holdaway & Stern 2004:234).

Tuff: Fine grained stone formed after a cloud of ash ejected by volcanic event descends to form a thin layer over the ground surface. After burial some tuff beds become indurated through a metamorphic process in which the stone hardens and recrystallises to a less friable structure.

Use-wear: Alteration of an artefact caused by its use (Holdaway & Stern 2004:41).



## 8.0 References

- Austral Archaeology Pty Ltd 2005 *Aboriginal Cultural Heritage Assessment – Coal Stockpile Newpac No.1 Colliery*. Report to Resource Pacific Ltd.
- Baker, N. 1994 *Moffats Swamp Dune: Final report on archaeological site salvage, testing and artefact analysis*. Unpublished report to NPWS
- Besant A, & Wyatt L 2008 *Aboriginal Archaeological Assessment - Macquarie Generation Proposed Gas Pipeline East-West Route*, report to Parsons Brinkerhoff.
- Besant A, & Wyatt L 2008b *Subsidence Management Plan Archaeological Impact Assessment*. Unpublished report to Ashton Coal Operations.
- Besant A, & Wyatt L 2009 *Aboriginal Archaeology Assessment Proposed Longwall 9* Report to Ashton Coal Operations Ltd
- Besant A, Carter C, & Wyatt L 2009a *Aboriginal Archaeology Assessment Proposed South East Open Cut* Report to Ashton Coal Operations Ltd
- Brayshaw, H 1994 *Proposed Highway Link F3 Freeway to Branxton – Environmental Impact Statement. Working Paper No. 6. Aboriginal Archaeology*. Report to Connell Wagner.
- Brayshaw, H *n.d.* *Some Aspects of the material culture of the Aborigines of the Hunter Valley at the time of first white settlement in the area*. Thesis submitted for an Honours Degree University of New England.
- Drysdale, R., Shimeld, P. & Loughran, R. 2000 The physical landscape of the Hunter Valley, in McManus, P., O'Neill, P., Loughran, R., Olivier Rey, L. (eds.), *Journeys: The Making of the Hunter Region*, Allen & Unwin, Sydney. Pp. 67-87.
- Geary, P., Loughran, R. & Timms, B. 2000 Rivers, lakes and wetlands, in McManus, P., O'Neill, P., Loughran, R., Olivier Rey, L. (eds.), *Journeys: The Making of the Hunter Region*, Allen & Unwin, Sydney, pp. 12-41.
- Gorecki, P, Morton, D.R, Stern, N, Wright, R.V.S. 1984 Coexistence of Humans and Megafauna in Australia – Improved Stratified Evidence. *Archaeology in Oceania* 19:114-119.
- Hardy, V. 2001 *Archaeological Survey – Near Camberwell, Hunter Valley, NSW*, report to White Mining Pty Ltd.
- Hiscock, P. 1994 Technological responses to risk in Holocene

- Australia. *Journal of World Prehistory*. 8 :pp267-292
- HLA Envirosciences Pty Ltd 2002 *Additional Information in Relation to the Archaeology for the Ashton Coal Mine Project, Addendum 1, report to DEC.*
- 2005 *Preliminary Research Permit #1982: Excavations and Findings at Newdell Junction, Ravensworth. Report to Macquarie Generation.*
- Holdaway, S. & Stern, N. 2004 *A Record in Stone. The study of Australia's flaked Stone Artefacts*, Aboriginal Studies Press, Canberra.
- Flood, J. 1989 *Archaeology of the Dreamtime. The story of prehistoric Australia and its people*. New Edition. Collins Publishers, Sydney.
- Mitchell P, Dr 2002 *Geomorphology of the Ashton Coal Project site in relation to archaeology. Camberwell, Hunter Valley NSW. Report by Groundtruth Consulting.*
- Mulvaney, J. & Kamminga, J. 1999 *Prehistory of Australia*. Allen & Unwin, St Leonard's.
- Kearey, P. 2001 *The New Penguin Dictionary of Geology*. 2nd Edition. Penguin Books, London.
- Koettig, M. 1986 *Test excavations at six locations along the proposed pipeline route between Singleton and Glennies Creek Dam, Hunter Valley. Report to the Dept. of Public Works, NSW*
- 1990 *Camberwell Coal Project - Glennies Creek Supplementary Report on Aboriginal Sites. Report to Epps and Associates*
- 1992 *Salvage Excavations of Aboriginal sites on the Camberwell Lease Volumes 1 to 4. Report Camberwell Coal Pty. Ltd.*
- Koettig, M. & Hughes, P. 1985 *Archaeological Investigations at Plashett Dam, Mount Arthur North and Mount Arthur South in the Hunter Valley, NSW, Vol. 2* Unpublished report by Anutech to Electricity Commission of NSW and Mount Arthur Coal Pty Ltd.
- Kovac, M. 1991 *Soil Landscape Series Sheet SI 56-1. Soil Conservation Service of NSW, Sydney.*
- Kovac, M. & Lawrie, J.W. 1991 *Soil Landscapes of the Singleton 1:250000 Sheet. Soil Conservation Service of NSW, Sydney.*
- Kuskie, P.J 2002 *An Aboriginal Archaeological Assessment of a Trunk Sewer Alignment for 'The Vintage', Rothbury, NSW. Report to the Stevens Group.*

- |   |      |  |
|---|------|--|
| McManus, P.,<br>O'Neill, P.,<br>Loughran, R., Olivier<br>Rey, L. (eds.) | 2000 | <i>Journeys: The Making of the Hunter Region</i> , Allen & Unwin, Sydney.  |
| Mitchell, P.  | 2002 | <i>Geomorphology of the Ashton Coal Project Site in relation to the archaeology</i> , report to White Mining Pty Ltd                                       |
| Moore, M.   | 2000 | Technology of Hunter Valley microlith assemblages, New South Wales. <i>In Australian Archaeology No:51, 2000.</i>  |
| Rich, E. R.   | 1992 | <i>Narama Salvage Project, Lower Bayswater Creek, Hunter Valley, NSW</i> , report to Envirosiences and Narama Joint Venture by Brayshaw McDonald Pty. Ltd. |
| SCT Operations Pty Ltd  | 2008 | <i>Initial subsidence estimates to facilitate the SMP assessment for Longwalls 5-9</i> . Unpublished report to Ashton Coal.                                |
| SCT Operations Pty Ltd  | 2009 | <i>Multi-Seam Subsidence Assessment for Ashton Coal Mine Longwalls 5 - 8</i> . Unpublished report to Ashton Coal.  |
| Stuart, I.  | 1999 | <i>An Archaeological Survey of Proposed Waste Rock Dump, Camberwell, NSW</i> , report to Camberwell Coal Pty Ltd.  |
| Umwelt (Australia) Pty Ltd  | 2002 | <i>Archaeological Assessment of Proposed Mine Water Storage Dam Enlargement &amp; Adjacent Areas, Nardell Coal Mine, Hunter Valley, NSW.</i>               |
|   | 2004 | <i>Aboriginal Archaeological Assessment – Glendell Open Cut Mine Project</i> , report to Glendell Joint Venture  |
| Witter, D. C.   | 2002 | <i>Ashton Coal Mining Project Environmental Impact Assessment: Aboriginal Archaeology</i> . Report for White Mining Ltd.                                   |
|   |      | <i>Camberwell 9133-III-S 1:25 000 Topographic Map</i> . Central Mapping Authority of NSW.  |

## ***Appendix A – Community Consultation Advertisement***

An open invitation is extended to the beautiful people of Singleton who opened up their hearts to the displaced people of Kosovo. Please join us for a picnic at the AFL Building and surrounds at Cook Park. Please bring memorabilia and photographs and a picnic lunch to share.



**TENDERS**

Singleton Community College is seeking quotes from suitably qualified companies to carry out the design and construction of their new Training Facility to be funded under DEEWR Investing in Community Education and Training program. The facility is expected to have an area of approximately 275-300 square metres and is to be completed by June 30 2010. To obtain copies of design brief and drawings please contact Singleton Community College 02 6577 4029. For further information please contact Alex McKarg Project Management 0409 321 403

**"FIREPROOF" A MOVIE ... A MARRIAGE ... A MOVEMENT!**

Fireproof is an entertaining and challenging reminder of what it takes to win in a marriage. "Say I DO" ... all over again ... The No 1 inspirational film "FIREPROOF". FIREPROOF has touched the hearts and impacted the marriages of millions of couples. Manages inside and outside your church are hating. Studies show that 50% of people will be divorced at least once in their lifetime.

Almost everyone in your church and community has left the impact of divorce and yet so little hope is being offered. FIREPROOF, the movie provides you with an ideal opportunity to offer hope and healing for the marriages in your church and community. Location: Senior Citizens Centre Tuesday 15th September - 7:00pm Admission is FREE. Sponsored by the Seventh Day Advent Church. Further information phone 0420 973 891

**ASHTON COAL OPERATIONS PTY LIMITED (ACN 078 556 500)**

**DIVERSION OF BOWMANS CREEK ABORIGINAL STAKEHOLDER REGISTER**

Ashton Coal Operations Pty Limited (ACO) is seeking to divert Bowmans Creek at its operations at Carrowville. The diversion of Bowmans Creek will be located within the area approved by the Minister for Planning for the Ashton Coal Project underground mine and within the western portion of Mining Lease 1332.

An Environmental Assessment Report and a Subsidence Management Plan will be prepared for the diversion of Bowmans Creek and mining of coal by longwall, extracting four separate seams of coal.

Local Aboriginal groups or individuals who wish to participate and/or be consulted on the Aboriginal archaeological investigations are invited to register their interest in this project. The Registrations of interest will be used to compile an Aboriginal Stakeholder Register for this project. Groups and individuals listed on the Aboriginal Stakeholder Register may be invited to participate and comment on the Aboriginal Cultural Heritage Assessment undertaken for the project.

To register your interest please contact: Mr Allan Wells Wells Environmental Services PO Box 205 East Maitland NSW 2322 Telephone (02) 4934 6588 Fax: (02) 4934 6788 Email: awells@pacific.net.au

Registrations of interest close at 5:00pm, Friday 25 September, 2009.

www.singleton.yourguide.com.au

Singletons only... A light lunch provided at 12:30pm. All Welcome. Phone 02 6577 4268

**SKALLYWAGS PRE-SCHOOL FETE**

Sunday 13th September 11am - 2pm. 154 Coleridge Circuit. Free parking, treasure hunt, lucky draw, raffles, coffee, drinks, and an entry for the lucky draw.

**COAL ALLIED TEMPORARY ROAD CLOSURE**

North Valley Operations advise that the temporary road closure will be in effect on Monday 14th and Tuesday 15th September 2009, 9:00am and 1:00pm. The purpose of closing the road is likely to be closed to 15 mins and will affect traffic on the road between Lomington Road and Lemington Road. If weather conditions are poor, closing will be extended until the end of the week.

**REGISTRATION OF INTEREST**

Aboriginal parties who wish to register their interest in an Aboriginal Heritage Impact Assessment within the Singleton Council LGA in accordance with the DECCW Interim Community Consultation Requirements for Applicants should respond in writing before Thursday the 24th of September 2009. Registrations should be sent to: Philippa Sokol RPS Hazelton, Somers O Sullivan PO Box 428 Hamilton NSW 2303 Tel: 02 4961 6500 archaeology@rps.com.au

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**RAVENSWORTH OPERATIONS Public Notice**

Ravenstworth Operations wish to advise that Lemington Road will be closed on Monday 14th and Tuesday 15th September 2009 for the purpose of blasting. The road will be closed between 2km south of the mine entrance and a further 2km south along Lemington Road and is likely to be closed for 15 minutes between 10:00am and 5:00pm depending on Environmental conditions. Roadside signs will display the date and approximate time of the closure. Ravenstworth Operations apologise for any inconvenience caused. For further information contact Environmental & Community Coordinator at the mine on 6570 0700.

**Singleton Spring Garden Raffle**

Sunday 13 Sept. Tickets available from 10am at Singleton Hospital. Prize winning gardens in and around Singleton to see. All Enquiries Ph: 0277 9292

**Singleton HACC Services Inc A.G.M.**

Tuesday 29 September 2009 at the Centre, Sunday Care Community Services Building at 4:00pm. All welcome. RSVP advance 0477 2261

**HENRI'S**

NEW TRADING HOURS FOR SPRING LUNCH Thursday & Friday 11:30am - 2:30pm DINNER Monday - Saturday 2:00pm HENRI'S COCKTAIL BAR Monday - Saturday 12:00-3:00am Level 1, 86 John Street, Singleton For reservations Ph: 0271 3666 E: info@henris.com.au

**NEIGHBOURHOODS**

Wednesday 10 September at New Square Shopping Centre 4pm - 8:30pm. Download forms from www.singletonsouth.org.au

**Singleton Quilters Inc QUILT SHOW**

Friday 18, Saturday 19 & Sunday 20 September 2009 10am - 4pm. 74 George St Singleton. Theme: "Floral Fantasy". Invitation to all to view quilts & items. Sale Table Entry Director \$5. Photographs of Quilt Club \$10. 14:00 Craft Foundation. Enquiries Margaret 6577 2345

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Fed up with your current Cleaners? We are a professional cleaning service with the best price & quality service. Domestic & Commercial. For a free quote please call 0423 859 388 or email us at info@cleaning4u.com.au

**Trades & Services**

**Ken's Carpentry & Maintenance** (02) 6577 2000. 405 York St Singleton. Ph: 0425 297 528 6377 3292

**Painting/Decorating**

**RON PARKER PAINTING** Interior & Exterior Quality work. Lic No: 357400. Ph: 0425 224 148 or 0419 480038

**Barbending/Landscaping**

**PAVERS 400 + 800** (02) 6577 4097. Phone 0272 4097

**Building Materials**

**TURF DELIVERED** \$4.99m Ph: 0431 163276 www.turf.com.au

**Wanted to Buy**

**WORKING SHEEP DOG** Kogarah NSW. Phone 0454 4137

**Business Opportunities**

**AAA Student loans** \$5.8 figure from the AFD of Govt. Now \$9.17 7000. www.studentloans.com

**Business Opportunities**

**WORLD LEADING FRANCHISE IS COMING TO NORTHERN HUNTER** Chem-Dry is Australia's largest carpet & upholstery cleaning company with over 200 franchises. 16 years of experience in Northern Hunter and growing. Contact today for more information. Call now for your free information pack. 1800 743 837 or Lachlan 0425 218 776. E-mail: info@chemdry.com.au www.chemdry.com.au

**Health & Beauty**

**MASSAGE THERAPIST Allan O'Byrne** SLM Remedial In Branxton for appointments. Phone 0418 480 912

**Norval Valley \$168,000 Ph: 0429 618 906**

**British Baby Boutique SINGLETON** Paul Neill Trade. Genuine interest only. Contact Scott Mansford Ph: 0471 8850

**To Let**

**FURNISHED ROOM TO LET** Down town location. \$170 pw includes services. Ph: 0471 674 268

**MURANNE HOUSING INC**

Monday - Friday 9am - 4pm. Murrumbidgee Ph: 6542 5051. Singleton Ph: 6571 4538. Email: muranne@muranne.com.au

**ROOM TO RENT**

Singleton 3 bedroom 4 Bath House with one male. Private master bedroom with ensuite. Fully working non-smoker. Ph: 0477 294 500

**STORAGE SHED**

For Lease. George Street Singleton. Contact Grant 4977 5193

**Share Accommodation**

**Room Available** Fully furnished, double bed, utility and linen provided. Each room has TV, A/C, computer, internet and DVD. 2 storage units with large shared TV lounge. Long or short term. \$60 includes all expenses. Ph: 0427 408 111

**Accommodation Wanted**

**30 y.o. Woman Seeks Accommodation** Preferably self contained. To Mt New. Call us on 0429 773 010

**Wanted To Rent**

**Wanted To Lease** Affordable family urgently requires house & garage with 30 minutes from Singleton. Short or long term lease. Please email or call. Phone 0429 337 562

**Tenders**



**CONTRACT CLEANING** Experiences of interest are sought from interested motivated contractor to undertake the day to day maintenance and cleaning of the Singleton Rugby Club premises. Experience is essential and local applicants only need apply to. Secretary Singleton Rugby Club PO Box 87 Singleton 2330. Applications Close Friday 25 September 2009

**Government Notices**

**Department of Lands**

**Looking for energetic, community minded people to take the helm! APPLICATIONS ARE SOUGHT FOR TRUST BOARD MEMBERS**

**For the Broke Public Hall Trust** Even considered who is responsible for keeping Broke reserves operating? Countless facilities like showgrounds, local halls and parks are run by Trust Boards, made up of people just like you. People who understand the need and have a desire to manage public lands and assets for the benefit of the entire community. Your role as Trustee is voluntary, but the rewards of giving something back to your community are priceless. A good mix of people with a variety of skills, ages and backgrounds is what we are looking for. Women and people from non-English and Aboriginal backgrounds are especially encouraged. Don't let this opportunity to do something for yourself and your community, pass you by. Contact us today. The appointment term will be up to 5 years. The Reserve is located at Broke. Application forms may be obtained from and lodged with the Department of Lands, PO Box 8, East Maitland 2323 or by telephone on the number below. Applications must be received by 4:00pm Thursday the 8th October 2009. Information package Contact Peter Allen on 4937 9345. Graham Harding General Manager. Crown Lands Division. GA2-542123

**Positions Vacant**

**ADMINISTRATOR/ SALES CO-ORDINATOR**

The Lancaster Motor Group currently has a role available for a highly organised Sales Co-ordinator to join the team. Please see our advertisement listed on SEEK for full details and application requirements.



**CASUAL POOL ATTENDANT**

You will be a mature person with excellent communication skills and attention to detail. As someone with initiative and a sensible work ethic you will be able to work with minimal supervision whilst ensuring pool safety and assisting with customer enquiries. You will be required to work weekends and evenings on a rotational basis. For full details visit www.singleton.nsw.gov.au or call customer services on (02) 6578 7200. If you require additional information after reading the position description and the application instructions 'How to Apply', please call Duty Manager / Operations Coordinator, Debbie O'Hell, on (02) 6572 1350. Applications Close: Friday 18 September 2009

PUBLIC NOTICES

Phone: 13 25 35

AMP intends after 10 days to file...

MIF LIFE LIMITED intends to issue...

Win A Grand Final Escape for 2 competitors...

NORWICH Union Life Australia Limited intends after ten days...

SCEGGS Dismantling Festival on the River...

ZURICH Financial Services will issue a special plan document to replace...

LEGAL NOTICES

In the Supreme Court of New South Wales

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of BRIAN ROBERT STONE...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of HENRY RONALD CONN...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of ROBERT NARQUEL...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of BRUCE WATNEY...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of ALAN WILLIAM OLLIVER...

LEGAL NOTICES

In the Supreme Court of New South Wales

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of BRIAN ROBERT STONE...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of HENRY RONALD CONN...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of ROBERT NARQUEL...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of BRUCE WATNEY...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of ALAN WILLIAM OLLIVER...

AGREEMENTS, MARRIAGES, DEATHS

Death notices

Paradise A W Smith E E Smith J R Varcoe G L Walsh R J Warren A S

Webster J I L Williams K A Withart D

VARCOE Graeme Laurence - Treasurer husband of Barbara...

Family and friends of GRAEME are invited to attend a Memorial service to celebrate his life...

Gregory & Carr SYDNEY • 1300 FUNERAL

WALSH Rodney James - Beloved son of Eileen Mary and Bernard Woodrow...

Mass of Christian Burial for MR ROSEMARY JAMES WALSH...

The funeral will leave the church at the conclusion of the Mass for Eastern Suburbs Memorial Park Cemetery...

WARREN, Adelle Suzanne - Beloved wife of (deceased)...

WHITE LADY FUNERALS Mosman 9560 1099 An Australian Company

WEBSTER Jane Robert Louisa - Passed away peacefully on September 7, 2009...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of ANTONIO NIGRO...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of NADJIDA SERGUEVA BONDARENKO...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of ALAN WILLIAM OLLIVER...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of JAMES PRILETION...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of GEORGE LYDIAWICZ...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of GEORGE LYDIAWICZ...

NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of GEORGE LYDIAWICZ...

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NOTICE of Intended Distribution of Estate Any person having any claim upon the estate of GEORGE LYDIAWICZ...

ASHTON COAL OPERATIONS PTY LIMITED (ACN 078 556 500) DIVERSION OF BOWMANS CREEK ABORIGINAL STAKEHOLDER REGISTER

BIRTHS Your Special Announcement! It's a Girl! Call 13 25 35

REGISTRATION OF INTEREST close at 5.00pm, Friday 25 September, 2009

## Appendix B – Community Stakeholder Register

Bowmans Creek Aboriginal Stakeholder Register						
NAME	ADDRESS	PHONE	FAX	EMAIL	DATE RECEIVED	
Wonnarua Culture Heritage	19 O'Donnell Crescent Metford NSW 2323	(02) 4933 2067 0401 028 807	(02) 4933 2067	-	28/08/2009	
Yinarr Cultural Service	7 Cypress Place Muswellbrook NSW 2333	(02) 6541 0761 0432 720 623	(02) 6541 0760	<a href="mailto:yinarrculturalservices@bigpond.com">yinarrculturalservices@bigpond.com</a>	29/08/2009	
Yinarr Cultural Service	7 Cypress Place Muswellbrook NSW 2333	(02) 6541 0761 0432 720 623	(02) 6541 0760	<a href="mailto:yinarrculturalservices@bigpond.com">yinarrculturalservices@bigpond.com</a>	30/08/2009	
Wonn 1 Contracting	619 Main Road Glendale NSW 2285	(02) 4954 7751 0402 146 193			1/09/2009 - Phone	
Hunter Valley Cultural Surveying Luke Hickey	2/8 Midanga Ave Muswellbrook NSW 2333	(02) 6541 0525 0402 446 223	(02) 6541 0525		1/09/2009	
Wannaruah LALC	PO Box 127 Muswellbrook NSW 23333	(02)65431288	(02) 65425377	<a href="mailto:wannaruah@bigpond.net.au">wannaruah@bigpond.net.au</a>	2/09/2009	
Yarrawalk Enterprises Barry McTaggart	913 Wollombi Road Broke NSW 2330	(02) 6579 1185 0419 220 297	(02) 6579 1485	<a href="mailto:abco@bordernet.com.au">abco@bordernet.com.au</a>	28/08/2009	
Hunter Valley Cultural Consultants	40 Humphries Street Muswellbrook	(02) 6541 2265 0438 390 882		-	7/09/2009	

	NSW 2333						
Upper Hunter Heritage Consultants	14 Edinglassie Drive Muswellbrook NSW 2333	(02) 6541 3533 0422 910 893					7/09/2009
Yarrawalk Enterprises Barry McTaggart	913 Wollombi Road Broke NSW 2330	(02) 6579 1185 0419 220 297	(02) 6579 1485	abco@bordernet.com.au			8/09/2009
Gidawaa Walang	76 Lang Street Kurri Kurri NSW 2327	(02) 4937 1094 0411 196 991	(02) 4936 4449				8/09/2009
Ungooroo Cultural and Community Services Incorporated	8 Blaxland Avenue Singleton NSW 2330	0405 204 722					10/09/2009
Upper Hunter Wonnarua Council Inc	124 George St Singleton NSW 2330 P.O Box 184 Singleton	(02) 6571 4888	(02) 6571 4889				11/09/2009 - Fax 14/09/09 - Original Received Mail
Wanaruah Custodians Aboriginal Corporation	P.O Box 242 Singleton NSW 2330						15/09/2009
Giwiirr Consultants	8 Fitzgerald Avenue Muswellbrook NSW 2333						17/09/2009
Ungooroo Aboriginal Corporation (UAC)	26 George Street Singleton NSW 2330	(02) 6571 5111	(02) 6571 5777	taasha@ungooroo.com.au			22/09/2009



Cacatua Culture Consultants	22 Ibis Parade Woodberry NSW 2322	(02) 4964 4685	(02) 4964 4635		20/09/2009
Aboriginal Native Title Consultants	16A Mahogany Ave Muswellbrook NSW 2333	0417 725 956			
Scott Franks	P.O Box 76 Caringbah NSW 1495 OR P.O Box 1502 North Sydney NSW 2060			<a href="mailto:yarrowalk@dodo.com.au">yarrowalk@dodo.com.au</a>	
Barbara Foot via Sarah Paddington of DECCW	Sarah Paddington P.O Bpx 94 Coffs Harbour NSW 2450	(02) 6659 8226	(02) 6651 5356	<a href="mailto:sarah.paddington@environment.nsw.gov.au">sarah.paddington@environment.nsw.gov.au</a>	
Carrwonga Consultants	16B Mahogany Avenue Muswellbrook NSW 2333	0401 154 328			25/09/2009
Mingga Consultants	11 Coolibah Close Muswellbrook NSW 2333	0431 091 527			25/09/2009
Lower Hunter Wonnarua Council Tom Miller	51 Bowden Street Heddon Greta NSW 2321	0402 636 521		<a href="mailto:tn.miller@bigpond.com">tn.miller@bigpond.com</a>	25/09/2009
Tracey Skene Culturally Aware	7 Crawford Place Millfield NSW 2325	(02) 4998 0053 0458 983 941			25/05/2009

Liyod Mathews Bullen Bullen Consultants							
Muswellbrook Cultural Consultants Brian Horton							

## ***Appendix C – Project Notification Letters***

Our Ref: J188\_Pt01

24 August 2009

The General Manager  
Singleton Shire Council  
P.O Box 314  
Singleton NSW 2330

Attention: Mr Scott Greensill

Dear Sir

**Re: Development of an Aboriginal Stakeholder Register – Ashton Coal Mine.**

Ashton Coal Operations Pty Limited (ACOL) is seeking to divert Bowmans Creek at its operations at Camberwell. The diversions of Bowmans Creek will be located within the area approved by the Minister for Planning for the Ashton Coal Project underground mine and within the western portion of Mining Lease 1533.

An Environmental Assessment Report and a Subsidence Management Plan will be prepared for the diversions of Bowmans Creek and mining of coal by longwall, extracting four separate seams of coal

We are seeking input from individuals and/or Aboriginal communities to participate and/or be consulted with regarding archaeological investigations associated with the development of the above described project at the existing Ashton Coal Mine located near Camberwell, New South Wales.

In accordance with the NSW Department of Environment, Climate Change and Water (DECCW) – Interim Community Consultation Requirements we hereby notify you that we have placed notices in the Singleton Argus and Sydney Morning Herald newspapers to appear on Friday 28 August, 2009 editions of each paper.

A plan showing the location of the proposed diversions to Bowmans Creek is attached for your information.

Should you wish to discuss this matter please feel free to contact me.

Yours faithfully

**Attach: Plan of Bowmans Creek diversions.**

Our Ref: J188\_Pt01 24 August 2009

The Office of the Registrar of Aboriginal Owners  
Department of Aboriginal Affairs  
Level, 13 Tower B  
280 Elizabeth Street,  
SYDNEY NSW 2000

Attention: Mr M Stewart

Dear Mr Stewart

**Re: Development of an Aboriginal Stakeholder Register – Ashton Coal Mine.**

Ashton Coal Operations Pty Limited (ACOL) is seeking to divert Bowmans Creek at its operations at Camberwell. The diversions of Bowmans Creek will be located within the area approved by the Minister for Planning for the Ashton Coal Project underground mine and within the western portion of Mining Lease 1533.

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Yours faithfully

**Attach: Plan of Bowmans Creek diversions.**

The Notifications Officer  
Native Title Services  
P.O Box 2105  
STRAWBERRY HILLS  
NSW 2012

Dear Sir/Madam

**Re: Development of an Aboriginal Stakeholder Register – Ashton Coal Mine.**

Ashton Coal Operations Pty Limited (ACOL) is seeking to divert Bowmans Creek at its operations at Camberwell. The diversions of Bowmans Creek will be located within the area approved by the Minister for Planning for the Ashton Coal Project underground mine and within the western portion of Mining Lease 1533.

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Should you wish to discuss this matter please feel free to contact me.

Yours faithfully

**Attach: Plan of Bowmans Creek diversions.**

Our Ref: J188\_Pt01 24 August 2009

Senior Project Officer  
Office of the Registrar, ALRA  
Tranby Aboriginal College  
11-13 Mansfield Street  
GLEBE NSW 2037

Attention: Ms Megan Mebberson

Dear Megan

**Re: Development of an Aboriginal Stakeholder Register – Ashton Coal Mine.**

Ashton Coal Operations Pty Limited (ACOL) is seeking to divert Bowmans Creek at its operations at Camberwell. The diversions of Bowmans Creek will be located within the area approved by the Minister for Planning for the Ashton Coal Project underground mine and within the western portion of Mining Lease 1533.

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In accordance with the NSW Department of Environment, Climate Change and Water (DECCW) – Interim Community Consultation Requirements we hereby notify you that we have placed notices in the Singleton Argus and Sydney Morning Herald newspapers to appear on Friday 28 August, 2009 editions of each paper.

A plan showing the location of the proposed diversions to Bowmans Creek is attached for your information.

Should you wish to discuss this matter please feel free to contact me.

Yours faithfully

**Attach: Plan of Bowmans Creek diversions.**

Our Ref: J188\_Pt01 24 August 2009

Executive Director Operations  
Department of Environment and Climate Change  
Locked Bag 914  
COFFS HARBOUR NSW 2450

Attention: Mr Brett Nudd

Dear Sir

**Re: Development of an Aboriginal Stakeholder Register – Ashton Coal Mine.**

Ashton Coal Operations Pty Limited (ACOL) is seeking to divert Bowmans Creek at its operations at Camberwell. The diversions of Bowmans Creek will be located within the area approved by the Minister for Planning for the Ashton Coal Project underground mine and within the western portion of Mining Lease 1533.

An Environmental Assessment Report and a Subsidence Management Plan will be prepared for the diversions of Bowmans Creek and mining of coal by longwall, extracting four separate seams of coal

We are seeking input from individuals and/or Aboriginal communities to participate and/or be consulted with regarding archaeological investigations associated with the development of the above described project at the existing Ashton Coal Mine located near Camberwell, New South Wales.

In accordance with the NSW Department of Environment, Climate Change and Water (DECCW) – Interim Community Consultation Requirements we hereby notify you that we have placed notices in the Singleton Argus and Sydney Morning Herald newspapers to appear on Friday 28 August, 2009 editions of each paper.

A plan showing the location of the proposed diversions to Bowmans Creek is attached for your information.

Should you wish to discuss this matter please feel free to contact me.

Yours faithfully

**Attach: Plan of Bowmans Creek diversions.**



Our Ref: J188\_Pt01 24 August 2009

(Insert name/Address)

Dear Sir/Madam

**Re: Diversions to Bowmans Creek – Ashton Coal Operations Pty Limited.**

I wish to advise that Wells Environmental Services Pty Limited have been engaged by Ashton Coal Operations Pty Limited to prepare an Environmental Assessment Report and Subsidence Management Plan for the Diversion of Bowmans Creek at its operations at Camberwell and mining of coal by longwall, extracting four separate seams of coal. The diversions of Bowmans creek will be located within the area approved by the Minister for Planning for the Ashton Coal Project underground mine and within the western portion of Mining Lease 1533. A plan showing the diversion of Bowmans Creek is attached for your information.

We are seeking input from individuals and/or Aboriginal communities to participate and/or be consulted with regarding the above project in accordance with the Department of Environment, Climate Change and Water (DECCW) – Interim Community Consultation Requirements.

You are invited to register your interest in this project.

Registrations of Interest will be used to compile an Aboriginal Stakeholder Register. Groups and individuals listed on the Aboriginal Stakeholder Register may be invited to participate and comment on the Aboriginal Cultural Heritage Assessment being prepared in respect to the project.

To register your interest, please forward correspondence or contact:

Mr Alan Wells  
Wells Environmental Services  
P.O Box 205  
East Maitland NSW 2323  
Telephone: (02) 4934 6588  
Fax: (02) 4934 6788  
Email: [akwells@pacific.net.au](mailto:akwells@pacific.net.au)

Registrations of Interest close at 5.00pm on Friday 11 September, 2009.

Yours faithfully

**Attach: Plan of Bowmans Creek diversions.**

## ***Appendix D – Consultation Log***

#### 24.08.09

Notification of project and request for details of registered Aboriginal stakeholder groups sent to Office of the Registrar ALRA, NSW Native Title Services, Office of the Registrar of Aboriginal Owners, DECC and Singleton Shire Council.

#### 25.08.09

The following groups were invited to register their interest in the project.

<b>Aboriginal Stakeholder Group</b>	<b>Address</b>
Aboriginal Native Title Elders Consultants	16a Mahogany Ave Muswellbrook NSW 2333
Gidawaa Walang	76 Lang Street Kurri Kurri NSW 2327
Black Creek Aboriginal Corporation	P.O Boc 168 Kurri Kurri NSW 2328
Upper Hunter Heritage Consultants	14 Edinglassie Drive Muswellbrook NSW 2333
Giwiir Consultants	8 Fitzgerald Avenue Muswellbrook NSW 2333
Hunter Valley Aboriginal Corporation	PO Box 579 Muswellbrook NSW 2333
Hunter Valley Cultural Consultants	40 Humphries Street Muswellbrook NSW 2333
Hunter Valley Cultural Surveying	33 Gardner Circuit Singleton NSW 2330
Lower Hunter Wonnarua Council Inc.	Shop 2 145 Lang Street Kurri Kurri NSW 2327
Lower Wonnaruah Tribal Consultancy Pty Ltd	156 The Inlet Road Bulga NSW 2330
Mimagen Wajaar Pty Ltd	7 Wybalena Close Kilaben Bay NSW 2283
St Clair Singleton Aboriginal Corporation	PO Box 710 Singleton NSW 2330
Ungooroo Aboriginal Corporation	PO Box 3095 Singleton NSW 2330
Wonnaruah Elders Council	PO Box 184 Singleton NSW 2330
Valley Culture	140 Sydney Street Muswellbrook NSW 2333
Wanaruah Custodians	35 Acacia Circuit Singleton NSW 2330
Wattaka Wonnarua Cultural Consultancy Service	4 Kennedy Street Singleton NSW 2330
Wonnaruah Culture Heritage	19 O'Donnell Crescent Metford NSW 2323

<b>Aboriginal Stakeholder Group</b>	<b>Address</b>
Wonnarua Nations Aboriginal Corporation	PO Box 3066 Singleton NSW 2330
Upper Hunter Wonnarua Council Inc.	P.O. Box 184 Singleton NSW 2330
Yamuloong Group Initiatives Ltd	PO Box 2128 Dangar NSW 2309
Mingga Consultants	11 Coolibah Close Muswellbrook NSW 2333
Yarrowalk Enterprises	913 Wollombi Rd Broke NSW 2330
Culturally Aware	7 Crawford Place Millfield NSW 2325
Awabakal Traditional Owners Aboriginal Corporation	PO Box 253 Jesmond NSW 2299
Muswellbrook Cultural Consultants	10 Scott Street Muswellbrook NSW 2333
Hunter Valley Natural & Cultural Resource Management	Flat 3/60 Tindale Muswellbrook NSW 2333
Wonn1 Contracting	619 Main Road Glendale NSW 2285
Awabakal Descendants Traditional Owners Aboriginal Corporation	PO Box 38 Wallabadah NSW 2343
Ungooroo Cultural & Community Services	8 Blaxland Ave Singleton NSW 2330
Yinarr Cultural Services	7 Cypress Place Muswellbrook NSW 2333

#### **27.08.09**

Correspondence sent to all groups mentioned above advising that registrations of interest close on 25.09.09 rather than 11.09.09.

#### **11.09.09**

Advertisements placed in the public notices section of the Sydney morning Herald and the Singleton Argus newspapers.

#### **August – September 2009**

The following groups registered their interest in the project.

<b>Aboriginal Stakeholder</b>	<b>Date of Registration</b>
Wattaka Wonnarua Traditional Owner	26/08/09
Wonnarua Culture Heritage	28/08/09
Yinarr Cultural Service	29/08/09 30/08/09

<b>Aboriginal Stakeholder</b>	<b>Date of Registration</b>
Wonn 1 Contracting	01/09/09 - Phone
Hunter Valley Cultural Surveying	01/09/09 - Fax
Yarrawalk Enterprises Barry McTaggart	28/08/09 – Email 08/09/09
Hunter Valley Cultural Consultants	07/09/09
Upper Hunter Heritage Consultants	07/09/09
Gidawaa Walang	08/09/09
Ungooroo Cultural and Community Services Incorporated	10/09/09
Upper Hunter Wonnarua Council Inc	11/09/09 – Fax 14/09/09 - Original
Wanaruah Custodians Aboriginal Corporation	15/09/09
Giwiirr Consultants	17/09/09
Ungooroo Aboriginal Corporation (UAC)	22/09/09
Cacatua Culture Consultants	20/09/09
Aboriginal Native Title Consultants	04/09/09
Scott Franks	02/09/09
Barbara Foot via Sarah Paddington of DECCW	03/09/09
Carrawonga Consultants	25/09/09
Mingga Consultants	25/09/09
Lower Hunter Wonnarua Council	25/09/09
Culturally Aware	25/09/09
Muswellbrook Cultural Consultants	
Bullen Bullen Heritage Consultants	
Wanaruah Local Aboriginal Land Council	07/10/09
Wonnarua Nations Aboriginal Corporation	12/10/09 - Phone

## September – October 2009

Acknowledgements of registrations sent out to registered groups.

### 29.09.09

Correspondence sent to stakeholders via registered mail advising of meeting date and time.

<b>Stakeholder Group</b>	<b>Address</b>	<b>Post Office Reference Number</b>
Wonnarua Culture Heritage	19 O'Donnell Crescent Metford NSW 2323	530729290012
Yinarr Cultural Service	7 Cypress Place Muswellbrook NSW 2333	530729300018
Wonn 1 Contracting	619 Main Road Glendale NSW 2285	530729285018
Hunter Valley Cultural Surveying	2/8 Midanga Ave Muswellbrook NSW 2333	530729295017
Yarrawalk Enterprises Barry McTaggart	913 Wollombi Road Broke NSW 2330	530729286015
Hunter Valley Cultural Consultants	40 Humphries Street Muswellbrook NSW 2333	530729296014
Upper Hunter Heritage Consultants	14 Edinglassie Drive Muswellbrook NSW 2333	530729287012
Gidawaa Walang	76 Lang Street Kurri Kurri NSW 2327	530729297011
Ungooroo Cultural and Community Services Incorporated	8 Blaxland Avenue Singleton NSW 2330	530729164016
Upper Hunter Wonnarua Council Inc	124 George St Singleton NSW 2330 P.O Box 184 Singleton	530729248013
Wanaruah Custodians Aboriginal Corporation	P.O Box 242 Singleton NSW 2330	530729245012
Giwiirr Consultants	8 Fitzgerald Avenue Muswellbrook NSW 2333	530729250016
Ungooroo Aboriginal Corporation (UAC)	26 George Street Singleton NSW 2330	530729249010
Cacatua Culture Consultants	22 Ibis Parade Woodberry NSW 2322	530729247016

Stakeholder Group	Address	Post Office Reference Number
Aboriginal Native Title Consultants	16A Mahogany Ave Muswellbrook NSW 2333	530729246019
Scott Franks	P.O Box 76 Caringbah NSW 1495	530729244015
Scott Franks	P.O Box 1502 North Sydney NSW 2060	530729243018
Barbara Foot via Sarah Paddington of DECCW	Sarah Paddington P.O Bpx 94 Coffs Harbour NSW 2450	530729303019
Carrawonga Consultants	16B Mahogany Avenue Muswellbrook NSW 2333	530729306010
Mingga Consultants	11 Coolibah Close Muswellbrook NSW 2333	530729309011
Lower Hunter Wonnarua Council	51 Bowden Street Heddon Greta NSW 2321	5307292304016
Culturally Aware	7 Crawford Place Millfield NSW 2325	53072930717
<b>07.10.09</b> Telephone the following groups to check if they were attending the meeting	Wonnarua Culture Heritage	Spoke To Jason. Gordon will attend the meeting.
	Wonn 1 Contracting	Spoke to Arthur who was out of the office. Asked that an email reminder be sent. Sent email to Arthur at 2.10pm. Arthur called advising he will attend the meeting
	Hunter Valley Cultural Surveying	Spoke to Luke, who said he will attend the meeting.
	Yarrawalk Enterprises	Left Message on both numbers.
	Hunter Valley Cultural Consultant	11.32 am left message
	Upper Hunter Heritage Consultants	No. Answer

Ungooroo Cultural and Community Services Incorporated	Number not connected
Upper Hunter Wonnarua Council Inc	Spoke to Roda. R Perry or Georgina will attend the meeting.
Wanaruah Custodians Aboriginal Corporation	No number given.
Ungooroo Aboriginal Corporation	Left message on mobile. Also sent email Taasha rang back to say Alan will attend the meeting.
Aboriginal Native Title Consultants	Spoke to John, who will attend the meeting.
Carrawonga Consultants	Left message. 13/10/2009 Message left on answering machine stating that a representative will attend the meeting.
Mingga Consultants	Left number. 13/10/2009 Message left on answering machine stating that a representative will attend the meeting.
Tracey Skene Culturally Aware	Left Message on mobile. Tracey rang back and will attend
Muswellbrook Cultural Consultants	Spoke to Brian who will attend the meeting.
Bullen Bullen Heritage Consultants	Spoke to John, who will pass on the message.

#### 07.10.09

Draft report supplied to all stakeholders via registered mail.

Stakeholder Group	Address	Post Office Reference Number
Wonnarua Culture Heritage	19 O'Donnell Crescent Metford NSW 2323	530729341011
Yinarr Cultural Service	7 Cypress Place Muswellbrook NSW 2333	530729332019
Wonn 1 Contracting	619 Main Road Glendale NSW 2285	530729342018
Hunter Valley Cultural Surveying	2/8 Midanga Ave Muswellbrook NSW	530729321013



<b>Stakeholder Group</b>	<b>Address</b>	<b>Post Office Reference Number</b>
	2333	
Yarrawalk Enterprises Barry McTaggart	913 Wollombi Road Broke NSW 2330	530729349017
Hunter Valley Cultural Consultants	40 Humphries Street Muswellbrook NSW 2333	530729337014
Upper Hunter Heritage Consultants	14 Edinglassie Drive Muswellbrook NSW 2333	530729347013
Gidawaa Walang	76 Lang Street Kurri Kurri NSW 2327	530729336017
Ungooroo Cultural and Community Services Incorporated	8 Blaxland Avenue Singleton NSW 2330	530729346016
Upper Hunter Wonnarua Council Inc	124 George St Singleton NSW 2330 P.O Box 184 Singleton	530729338011
Wanaruah Custodians Aboriginal Corporation	P.O Box 242 Singleton NSW 2330	530729252010
Giwiirr Consultants	8 Fitzgerald Avenue Muswellbrook NSW 2333	530729253017
Ungooroo Aboriginal Corporation (UAC)	26 George Street Singleton NSW 2330	530729254014
Cacatua Culture Consultants	22 Ibis Parade Woodberry NSW 2322	530729262019
Aboriginal Native Title Consultants	16A Mahogany Ave Muswellbrook NSW 2333	530729263016
Scott Franks	P.O Box 76 Caringbah NSW 1495	530729264013
Scott Franks	P.O Box 1502 North Sydney NSW 2060	530729265010
Barbara Foot	35 Acacia Street Hunternview NSW 2330	530729209014
Carrwonga Consultants	16B Mahogany Avenue Muswellbrook NSW 2333	530729266017
Mingga Consultants	11 Coolibah Close Muswellbrook NSW 2333	530729267014

<b>Stakeholder Group</b>	<b>Address</b>	<b>Post Office Reference Number</b>
Lower Hunter Wonnarua Council	51 Bowden Street Heddon Greta NSW 2321	530729268011
Culturally Aware	7 Crawford Place Millfield NSW 2325	530729269018
Muswellbrook Cultural Consultants	10 Scott Street Muswellbrook NSW 2333	530729270014
Bullin Bullin Heritage Consultants	16A Mahogany Avenue Muswellbrook NSW 2333	530729202015
Wanaruah Local Aboriginal Land Council	P.O Box 127 Muswellbrook NSW 2333	5301729210010

### **13.10.09**

The following groups attended a meeting held at ACOL administrative offices.

<b>Stakeholder Group</b>	<b>Representative</b>
Yarrawalk	Scott Franks Barry French
Cacatua Culture Consultants	George Sampson
Giwiirr Consultants	Michele Stair Barry Stair
Gidawaa Walang	Annie Hickey
Wonnarua Culture Heritage	Shannon Griffiths
Wonn 1 Contracting	Arthur Fletcher
Hunter Valley Cultural Surveying	Luke Hickey
Upper Hunter Wonnarua Council Inc.	R. Perry
Ungooroo Aboriginal Corporation	Allen Paget
Culturally Aware	Tracey Skene
Aboriginal Native Title Consultants	Margaret Matthews
Muswellbrook Cultural Consultants	Michael Matthews
Wonnarua Nation	Maree Waugh
Upper Hunter Heritage Consultants	John Matthews

<b>Stakeholder Group</b>	<b>Representative</b>
Hunter Valley Cultural Consultations	Colleen Stair
Bullen Bullen Heritage	Lloyd Matthews Peter Watton Kylie Matthews
Wanaruah Custodians	David Foot
Wattaka Wonnarua Traditional Owner	Des Hickey
Yinarr Cultural Services	K Kinchilla
Lower Hinter Wonnarua Council	Tom Miller
Wanaruah Local Aboriginal Land Council	Suzie Worth
Upper Hunter Heritage Consultants	Darrel Matthews

### **13.10.09**

**Meeting results** - a motion was passed to hold a workshop on the 24 & 25<sup>th</sup> of October, 2009 to allow the community to fully discuss the diversion project. Results of meeting and individual views to be back by the 30<sup>th</sup> October 2009.

### **16.10.09**

Following meeting held 13 October, 2009. Draft report sent to Wattaka Wonnarua Traditional Owners by email.

**Appendix E - Stakeholder Comments**

Email forwarded from Wells Environmental Services 3<sup>rd</sup> September 2009.

**From:** Sarah Paddington [mailto:Sarah.Paddington@environment.nsw.gov.au]  
**Sent:** Thursday, 3 September 2009 11:23 AM  
**To:** akwells@pacific.net.au  
**Cc:** belinda.parker@planning.nsw.gov.au; rohan.tayler@planning.nsw.gov.au; Brett Nudd; Davey Gary  
**Subject:** Cultural Heritage Concerns within Ashton Mine Projects

Dear Alan,

As discussed over the phone yesterday afternoon, DECCW has been contacted by Aunty Barb (Barbara Foot of Wanaruah Custodians) to convey her concerns about the projects within the Ashton mine. Aunty Barb is very sick and frail presently and she asked if we would relay her concerns to the relevant people. We understand there are presently 3 projects at various stages of assessment under Part 3a (EP&A Act) for Ashton mine. Aunty Barb's background information below relates to the cultural significance and cultural connection to the area, and this information may relate to one or multiple Ashton projects.

Aunty Barb requested that we would be the conduit for all updates about these projects back to her. Can you please respect Aunty Barb's request by passing information back to her via us in the short term (unless it causes there is a conflict), however, Ashton will need to organise a suitable communication system or someone within the Aboriginal community whom Aunty Barb would be happy to speak for her and who can act in this role in the longer term.

Aunty Barb's concerns are as follows:

The area in which Ashton mine is

'located is an area of very high significance to me and my people. It is an area used for fishing and used to go between fishing spots and the mission. There are fish traps in there, and burials in the area. There are lots of sites with spearheads used for spears. Large sites with hundreds of artefacts that are very important to my people. We'd walk along Bowman's to Glennies then Main creek to the mission. Along there are waterholes with markings on the walls from sharpening axes. The kingfishers are also important there. They are almost pushed out of that area now. They're important too. It's got to stop. We have to protect these places. We've got to preserve these places. I'm the only Elder left in this area. The only Elder that's earned my title. There is too much being destroyed now. We can't let this happen. We have to preserve our culture.'

I conducted a search on our DECCW AHIMS database today and compared the results against the maps from both the 'longwall mini wall' project and the 'south east open cut' project. I do not have maps of the location of the 'Bowman's creek diversion' project. Without georeferenced layers of the 3 project boundaries, the following notes about our knowledge of Aboriginal sites and how they relate to these projects can be considered indicative only. There are a large number of sites within the SEOC project comprising of Aboriginal objects (artefact scatters or isolated finds). AHIMS does not have a fish trap recorded in this immediate area, however, this does not mean they do not exist. It could mean that either the site is not recorded or it is in a section of the creeks further up or down stream from the area of the SEOC area.

Ashton will need to ensure their assessments demonstrate effective (transparent, equitable and culturally appropriate) consultation with all local Aboriginal community groups, including how they address Aunty barb's concerns (and any others received) and how feedback is used to update the assessment (if and as relevant), and show how this information has been taken into account for the recommendations/actions proposed for the proposed project.

The views, significance and concerns about sites/management will need to be fed back to the relevant project manager/ assessing officer/ consultant etc. If I have not included the relevant people in this please ensure it is forwarded on to all the necessary people.

Kind regards,  
Sarah

Sarah Paddington | Archaeologist | North East Branch | Aboriginal Heritage Section | Environment Protection and Regulation Group | **Department of Environment, Climate Change and Water (DECCW)** | PO Box 914 Coffs Harbour NSW 2450 | p: 6659 8226 | f: 6651 5356 |

## ***Appendix 2 - Interim Cultural Heritage Management Plan***





**INSITE HERITAGE PTY LTD**  
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***Ashton Coal Operations Ltd***  
***Interim Cultural Heritage Management Report***

***Western Underground Panels***  
***Camberwell, Hunter Valley, NSW***

**Report to**  
**Ashton Coal Operations Ltd**

**January 2011**

**INSITE HERITAGE PTY LTD**

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<b>Project Coordinators</b>	ACOL	L Richards P Fletcher
	Insite Heritage	A Besant
<b>Our Reference</b>	ACOL_Western_Panels_ACHMR 270111.docx	
<b>Date</b>	January 2011	
<b>Authors</b>	A Besant Director	

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## ***Executive Summary***

Insite Heritage prepared the Aboriginal archaeology assessment of the Bowmans Creek Diversion Project (Besant 2009). This Interim Cultural Heritage Management Report documents additional work undertaken to inform the preparation of the Aboriginal Cultural Heritage Management Plan (ACHMP) for Western Underground Panels Area (that includes the Bowmans Creek Diversion).

The Bowmans Creek diversion will impact on the corridor of the channel in addition to surrounding areas used for spoil stock piles and construction compounds. Post diversion landscaping and planting of the flora corridor are also likely to have impact.

After the diversion of Bowmans Creek the underground mining of the Pikes Gully Seam will commence, and this process will also require remediation. The cumulative impact of the diversion and subsequent longwall mining is likely to require complete salvage of Aboriginal sites in the overlying area over the period of extraction which may be up to 10 or 15 years.

The preparation of the mitigation management strategies are based on information developed from desktop studies based on previous field surveys (Besant 2009), stakeholder consultation, geomorphological assessments (Hughes 2010), and Ground Penetrating Radar (GBG 2010).

On completion of salvage and excavations a final Cultural Heritage Management Report will be issued to collate information gathered during the salvage and excavation activities.

## **1.0 Introduction**

This Interim Cultural Heritage Management Report has been prepared as additional information for DECCW and as a background document for the preparation of the Archaeology and Cultural Heritage Management Plan over the Western Underground Panels that incorporates the Bowmans Creek Diversion Area. The Aboriginal stakeholders have stated that the significance of the Bowmans Creek area is high as the area holds cultural connection to the local community in the recent and more distant past (Insite Heritage 2009).

### **1.1 Scope**

The purpose of this document is provide additional information to support the salvage plan developed within the ACHMP for the Western Panels of the ACP underground.

### **1.2 Methodology**

The Bowmans Creek diversion archaeology assessment was prepared as a desktop study of known sites (Witter 2002, Besant et al 2009), that was subsequently circulated to the Aboriginal stakeholders<sup>1</sup>. The report (Insite Heritage, 2009) was included in the Bowmans Creek Diversion Modification Environmental Assessment (EA), and submitted to the Department of Planning (DoP).

Two site visits were held to discuss management of the archaeology within the diversion footprint. Site visits were undertaken with stakeholders on the 30<sup>th</sup> March and 1<sup>st</sup> April 2010.

Consultation with stakeholders indicated that the Bowmans Creek area is considered to be of high cultural sensitivity. Specific issues raised included the potential for burials on the creek terraces, the potential for sites in areas of low visibility, protection of the Waterhole site and the potential for grinding grooves and fish traps in Bowmans Creek. To address these issues further information sources have been sought such as geomorphology and ground penetrating radar.

A geomorphology site inspection was carried out by Dr Philip Hughes in June 2010. The geomorphology of the site had been broadly characterised by Dr Peter Mitchell, and Dr Hughes was able to provide further detail at a project specific scale. As a result the area of potential for artefact scatters and burials has been further defined. The naturally occurring small to large basal gravels of the Creek bed tend to create a series of pools. It is difficult to isolate any pool in particular as a deliberately constructed fish trap. However, it is highly probable that fish traps were in the creek, but the flood history of the creek and the modification of the creek over the last 200 years reduces the potential for an extensive fish trap complex to remain in-situ. Oral history indicates that fish traps may have been used in the area into relatively recent times<sup>2</sup> and natural pools (containing fish) were noted at the time of the field visits, however there was no evidence to differentiate natural pools from constructed pools. These sections of creek will remain in-situ as over flow channels which will be recharged with water in any one in five year flow event.

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<sup>1</sup> Insite Heritage 2009. Aboriginal Archaeological Assessment Bowmans Creek Diversion. Report to ACOL

<sup>2</sup> Mrs Barbara Foot in *ibid.*

. A consultation meeting was then held with the Aboriginal stakeholders to discuss the methodology for the salvage of cultural values in the project area (July 13<sup>th</sup>, 24<sup>th</sup> October 2009, March 30<sup>th</sup> & April 1<sup>st</sup> site visits Ashton & July 2010). These methodologies have been committed to by ACOL in the ACHMP - Western Underground Panels. The potential mitigation measures for each geomorphic unit were discussed and alternatives considered. The development of the salvage methodology is documented in this report.

### 1.3 Consultation

As seen in Section 1.2 consultation is an integral part of the methodology to develop the mitigation measures if it is too address the cultural and scientific values of the project area. The details of consultation process can be seen in **Appendix A**. An "information pack" was circulated amongst stakeholders, which outlined the geomorphology results and the proposed salvage methodology. This information was then discussed in a consultation meeting held on the 13<sup>th</sup> July 2010. The community express concerns regarding the diversion of the Creek, with concerns on the impact on the area as a cultural landscape which was used in historic times by local Aboriginal people for recreational purposes. The flora and aquatic studies had previously, been made available to stakeholders and this consultation had been undertaken during the development of the assessment report (Insite Heritage 2009), however some still harboured concerns regarding potential impacts on the Waterhole site upstream of the diversion and general ecological impacts.

To assist stakeholders with their assessment opportunities too visit the study area were provided on the 30<sup>th</sup> March & 1<sup>st</sup> April 2009. Stakeholders views were documented at the time of the visit.

At stakeholders request an independent facilitator and the archaeologist held workshop at Singleton Youth Centre. This process was used to further develop salvage strategies.

In July 2010 a meeting was held at Singleton Youth Centre to discuss the salvage strategies for the Western Underground Panels and Bowmans Creek diversions and the South East Open Cut salvage strategies.

The minutes of these meetings are attached to the AHIP application.

### 1.4 Existing Environment

The archaeological resource within the Bowmans Creek Diversion area is described in the Witter 2002 report as summarised below in **Table 1**.

**Table 1 Recorded sites within the Bowmans Creek Diversion development consent modification disturbance footprint.**

AHIMS No.	Site Name	Site Type	Description	Archaeological Significance
37-3-0496	EWA 82*	Open Camp Site with PAD	Site comprises 2 <sup>nd</sup> (pre European) terrace with visibility. Includes artefacts and isolated finds (LW	The site varies from low significance to high potential

AHIMS No.	Site Name	Site Type	Description	Archaeological Significance
			4.1, 4.2, 4.3, 4.4, 5.1 and 5.2). The recording includes an area of potential late Pleistocene, early Holocene landform.	significance in the area of the possible Pleistocene PAD.
37-3-0542	EWA 81	Isolated Find	Associated with terrace above in exp 100sqm	Low significance
37-3-0543	EWA 80	Isolated Find	As above in exp of 100sqm	Low significance
37-3-0535	EWA 97	Artefact scatter	Terrace with <10% visibility	Moderate significance
37-3-0556	EWA 89	Isolated Find	Terrace in exposure of 150sqm.	Low significance
37-3-0799	LW 2.1	Artefact scatter	Terrace in exp with 50% visibility.	Moderate significance
37-3-0798	EW 15	Artefact scatter	Located in Macquarie Generation land in 3mx3m eroded area on ridge top	Low significance
	AFA's 21-25, 44-60	Isolated finds & small scatters	Located during due diligence site inspections. Remain in-situ avoided.	Low significance
		Potential burials	The terrace is compacted clay therefore the main area for potential burials will be in the softer overbank deposits on the outer margins of meander bends.	Low potential

An amended site card has been lodged with the Aboriginal Heritage Information Management System (AHIMS) to amend site 37-3-0496 (EWA 82) details to include the lenses of artefact exposure (EWA's and LW's) and part of the surrounding terrace as a potential archaeological deposit (PAD).

The description of the site EWA 82 included "the few artefacts identified at this site indicate that a more extensive deposit is likely to be present, although the surface is likely to be cultivated "(Witter 2002). On this basis and the survey results for LW9, the area of PAD associated with EWA 82 was recorded to include the terraces between Brunkers Lane and Bowmans Creek. This PAD includes areas of a third terrace, identified in a geomorphological assessment by Mitchell (2002), as having potential for Pleistocene deposits (see Figure 1).

The site 37-3-0496 (EWA82) now includes sites 37-3-0543 (EWA 80), 37-3-0542 (EWA 81) and 37-3-0556 (EWA 89), and the terrace area between.

The PAD associated with Site 37-3-0496 was described as potential subsurface deposits masked by possible over bank deposits and dense vegetation. The artefacts that were recorded on the terrace tended to be in disturbances such as roads, ants nests and small excavations for services. Therefore the true extent of the site cannot be ascertained from surface inspection. Subsequent geomorphology investigations have shown that this section of terrace has minimal, if any European deposits as previously thought, and that artefacts are likely to occur in the A soil horizon of top 300mm of soil.

The AFA's recorded have been located during due diligence assessments of areas subject to minor works. These areas are inspected by stakeholders drawn from rooster and where artefacts are recorded by the stakeholders, the activity is moved to avoid them. Site cards have been lodged for the sites.

The vast majority of the eastern diversion lies over recent alluvium forming a terrace which is post European in age. This terrace comprises loose alluvium over basal gravels, the base of the broader creek bed prior to European occupation.

As stated in the previously Bowmans Creek Diversion impact assessment, the Waterhole site will not be impacted by the diversion and will be protected from inadvertent damage.



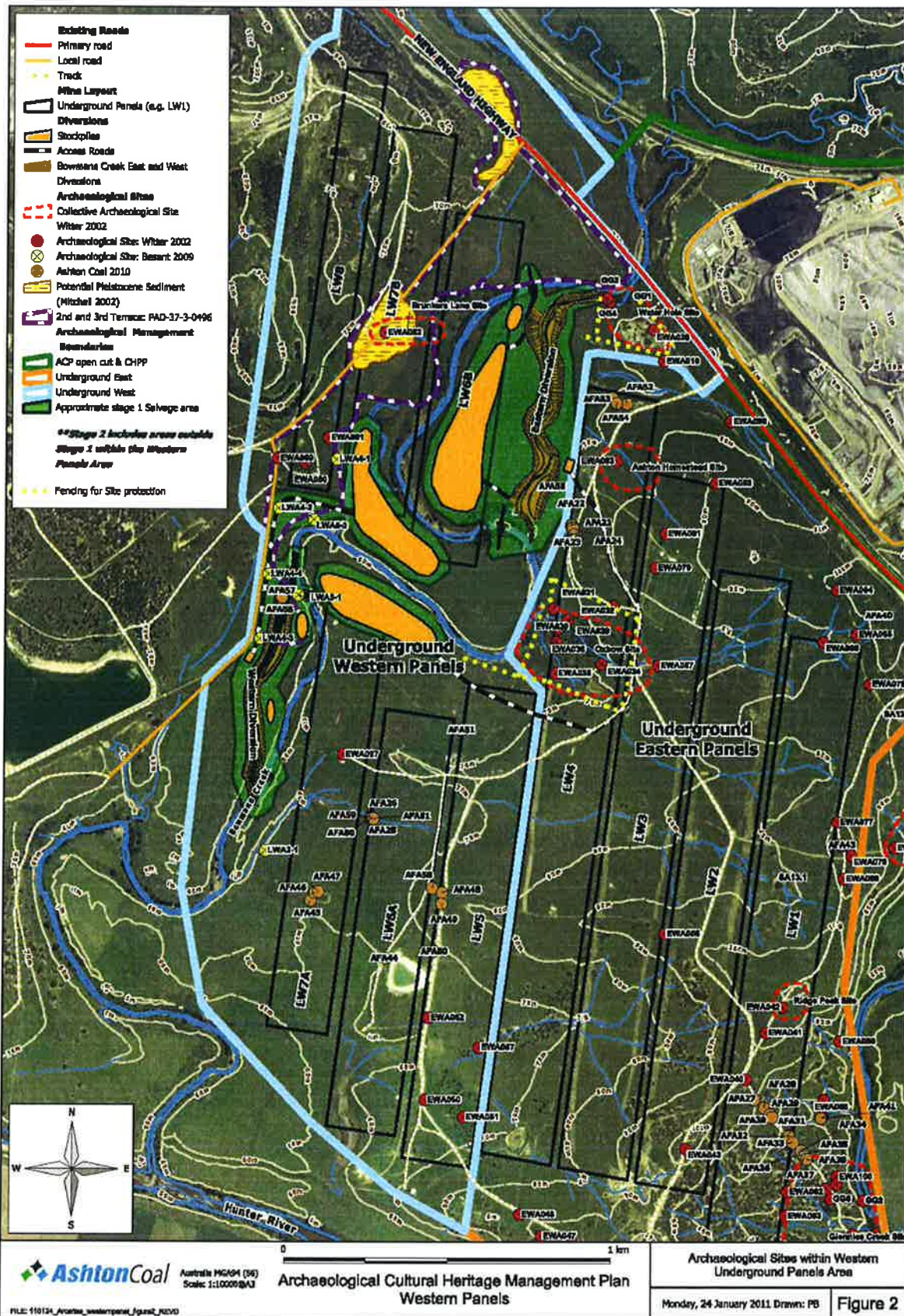


Figure 1 Site and PAD locations with diversions and stockpile areas.

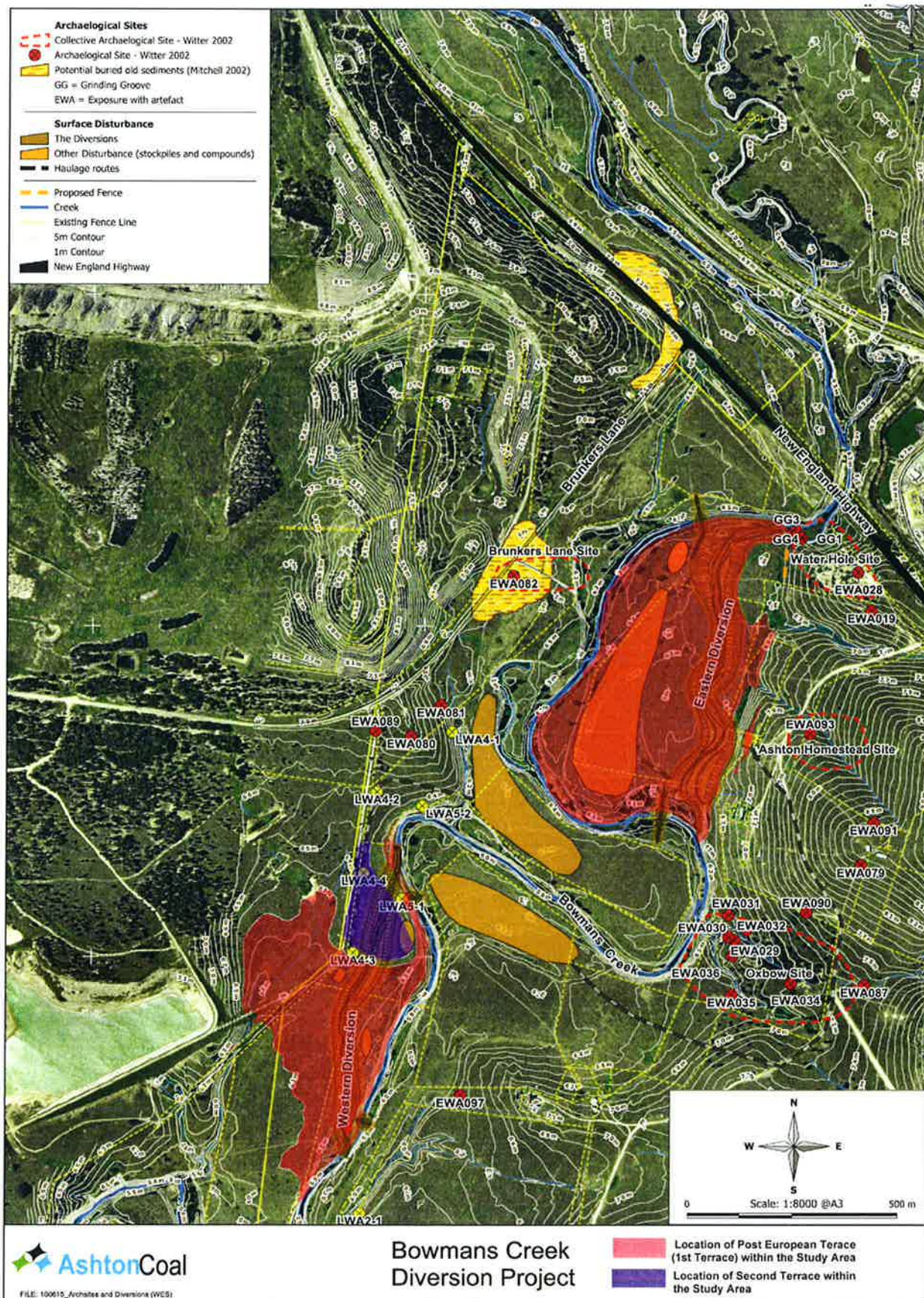


Figure 2 Area of PAD on the 2<sup>nd</sup> terrace and artefact exposures associated with site 37-3-0496

### **3.0 Creek Diversion and Subsidence Impacts**

Details of the construction of the Diversion can be seen in the cultural heritage assessment. The primary impacts of the diversion include:

- Excavation – The excavation of the channels will impact on potential scattered artefacts on the top of the Holocene terrace on the northern part of the western diversion.
- Stockpiles and compounds – stockpiles will be required in various locations around the excavation areas as spoil is sorted into strata type for reutilisation in the reconstructed channels. A compound for machinery etc will also impact upon the surface of the area it is placed.
- Revegetation – The revegetation of the creek corridor will create further smaller scale earth movements as plantings and minor surface modifications are undertaken.

The following impacts are anticipated once the diversion process is complete and longwall mining commences.

- LW6A – impact on potential archaeological deposit (PAD). Geomorphology assessment (Mitchell 2002) found brown texture contrast soil with a thicker than average A horizon and no significant colluvial accumulation. The upper 2.5 metres of deposit comprise Hunter River flood plain deposits.
- LW6B – will impact on the lower channel and floodplain of Bowmans Creek, comprising open gravels and sands subject to flood movement which have low archaeological potential. The western side of the LW will undermine the terrace with post European (PE) sediment forming a terrace over basal gravels. The northern end of the LW will undermine terrace with negligible subsurface deposits.
- In the centre of the LW filling may be required to maintain the self draining character of the site. This would result in additional fill over the PE deposits. This area is of low archaeological potential with the most likely site type being re-deposited artefacts in flood deposit. Such sites could remain in-situ. Alternatively the area may be allowed to pond, resulting in water overlying the potential redeposited artefacts.
- LW7A – the impacts upon the floodplain deposits would be the same as LW6A. The western margins of the LW may impact on 2<sup>nd</sup> and 3<sup>rd</sup> terraces inset onto an older terrace with overlying PE deposits. The younger 2<sup>nd</sup> and 3<sup>rd</sup> terraces have low archaeological potential.
- LW7B – the southern end of which will impact on the terrace with PE deposits and a possible remanent terrace identified as having potential to date to the late Pleistocene / early Holocene. This is the most significant area in the Bowmans Creek area. The edge of the LW panel appears to truncate this remnant terrace and should cracking be

predicted in this area salvage excavations would be carried out prior to the cracking occurring i.e. prior to longwall mining impacting on this area.

- The northern end of the LW will undermine an area that has been highly disturbed by development with the Macquarie Generation holdings that has low archaeological potential.
- LW8 – this LW is generally located outside the area of the floodplain of Bowmans Creek. The northern end of the LW is located under an area disturbed by Macquarie Generation overburden emplacement area. The final subsidence predicted (0.5m) is unlikely to require any remediation works and the area is of low archaeological potential.

## **4.0 Management Measures**

The management of the impact of the of the Bowmans Creek Diversion has been developed with Aboriginal stakeholders to address their concerns and to meet the archaeological requirements to conserve and appropriately salvage the archaeological values in the area.

Several steps have or will be undertaken as part of the development of the ACHMP.

### **4.1 Geomorphology Assessment**

Dr Philip Sullivan of Huonbrook Environmental & Heritage Pty Ltd undertook a geomorphologic investigation of the Bowmans Creek Diversion area in June 2010, a copy of which is contained in **Appendix B**. The geomorphology assessment has contributed significantly to our understanding of the landform units along Bowmans Creek and it is now known that the pre European morphology of the creek was considerably different from today.

The creek in the study area was previously a much broader stream with multiple and varying small channels over gravels and sands. It is highly probable that Aboriginal people camped on the sandy creek floor at time of average and low rainfall, and may have moved upslope onto the Holocene terrace to the west and the adjacent footslopes to the east at times of heavier rainfall. The creek bed would have been subject to minor modification with every minor flood / wet weather event and significant modification – re-deposition with larger floods, for example the 1 in 100 year event. This has enabled the refinement of the management strategies to suit the type of potential in each landform unit.

All stakeholders have expressed interest in the geomorphology assessment process. Therefore ACOL intend to incorporate a geomorphology information session in the early stages of the diversion development. This will involve Dr Hughes or Dr Sullivan attending the information session and explaining by example, their conclusions regarding the geomorphology of Bowmans Creek.

### **4.2 Ground Penetrating Radar**

The Aboriginal stakeholders have raised the point that some members of the community (particularly Mrs Barbara Foot) recall having being told that burials occur in the Bowmans Creek area. It is possible that these burials could have been located in the project area which contains the mid to lower reach of Bowmans Creek.

It is difficult to locate burials in any environment as they are generally a once off event, albeit potentially congregated on a particular area. Burials are generally located in softer and sandy soils where a neutral pH has assisted preservation.

In the study area it is possible that burials may have occurred in the eastern side of the creek however scouring and deposition of deposits reduces the potential for preservation. Aboriginal people would have been aware of the fluvial processes and may have avoided burying their people there. On the western side the terrace is hard compacted well drained sandy /clay. The outer meanders of the creek where softer overbank deposit occurs is the most likely place for a burial to remain in-situ, although the potential is low.

To best determine if a burial may occur in this part of Bowmans Creek, ground penetrating radar will be used to assist in the identification of any potential locations. The GPR was carried out in July 2010. The GPR report is included in Appendix E. The results showed a slightly deeper a horizon deposit on the outer meander of the northern end of the western diversion. Whilst no evidence of burials was found the resolution achieved was not sufficient to exclude burials completely. This area has been targeted for salvage by excavation in the footprint of the diversion. Should any potential burials DECCW will be immediately notified.

### **4.3 Monitoring**

All sites will be/ are pegged or fenced to ensure that those that are not impacted by the immediate diversion process can be retained in-situ. It is probable that these sites will require salvage prior to the commencement of Longwall mining.

Monitoring will be undertaken by representatives as topsoil is stripped from the terraces of low archaeological potential on the eastern diversion and the southern end of the western diversion. Any artefacts located will be redeposited from upstream in recent flood deposits. Their position will be noted with a hand held GPS and the artefact collected and retained in a secure location on ACOL premises.

### **4.4 Grader Scrapes**

The north western half of the western diversion comprises Holocene terrace with shallow or no Post European deposit. The fifty metres of the northern most part of the western diversion however differs with up to 400mm of softer pre European deposit. This will be test excavated and where appropriate, salvage excavations will be undertaken in this area.

The remainder of the terrace has shallow soils where artefacts are known to occur and are likely to be scattered at varying densities. There are no particular landscape features on which to focus archaeological investigations on this part of the terrace. It is proposed to perform graders scrapes in this area in order to locate any loci of artefacts and to collect isolated finds. Where a loci is located, it will be hand excavated in one square metre units. Given that the majority of the Holocene terrace has been ploughed, heavily grazed and compacted, it is highly probable that the artefacts have already been subject to movement in an inter site context. The degree of movement will be assessed as part of the post collection analysis.

The excavated deposit from lenses will be sieved through a five mm aperture sieve and artefacts retained on site in a secure facility at ACOL offices. Where evidence of a knapping floor or cache or camp site are indicated 3mm sieves will be used for the sieving of that feature. A site card will be prepared to update the recording of PAD in this location which will include the distribution of isolated finds and loci.

### **4.5 Salvage Excavation Methodology**

The salvage excavation will be carried out on a ten metre grid over the fifty by thirty metre area (15 probes) with one square metre probes. Deposit will be wet sieved with three mm aperture sieves. All results will be recorded by square and spit with all evidence of

bioturbation and disturbance also recorded. Excavated probes will be expanded into open area excavations particularly where evidence of potential stratified deposits are located.

#### **4.6 Artefact Curation**

The Aboriginal stakeholders have been asked to consider the curation of the artefacts retrieved from the salvage works. At this stage the consensus appears to be that the artefacts are lodged with the Australian Museum for storage while a suitable local keeping place is developed.

The curation of the artefacts will be determined by the Aboriginal community and the ACHMP will be updated if and when the curation of the artefacts is subject to change.

#### **4.6 Site inductions**

As an additional safeguard the induction of construction contractors operators will include requirements for compliance with the ACHMP, site identification information, and the ACOL Environment Team will regularly inspect works. Should any potential archaeological material be identified, the Aboriginal community representatives will be contacted and if necessary an archaeologist will also provide a formal identification. If necessary the site will be closed off and the Aboriginal community consulted as management decisions are made.

### **5.0 Policies and Protocols**

To reiterate ACOL's commitment to best practice for the mitigation against the impact to Aboriginal cultural heritage in relation to the Bowmans Creek Diversion, ACOL have developed the following policies and protocols.

#### **5.1 Policies**

ACOL recognise the Aboriginal cultural heritage values of the Bowmans Creek area. Accordingly ACOL undertake to carry out the mitigation measures developed in consultation with the Aboriginal stakeholders, and outlined in the ACHMP in order to preserve information for future generations.

ACOL recognise the company's legal responsibilities regarding Aboriginal cultural heritage and undertake to follow best practice to minimise where possible impact upon items of Aboriginal cultural heritage as outlined in the ACHMP.

#### **5.2 Protocols**

The registered Aboriginal stakeholders will be kept informed of the progress of the project.

ACOL will maintain a register of stakeholders roster for the provision of services throughout the life of the project and will endeavour to ensure equality in the amount of work awarded each stakeholder.

### 5.3 Procedures

#### *RESPONSIBILITIES OF STAKEHOLDERS*

- Stakeholders are required to provide PPE whenever attending an ACOL site inspection / monitoring project.
- Stakeholders are required to provide ACOL with updates of their contact details whenever these may change.
- Stakeholders are required to abide by ACOL OH&S policies, site attendance procedures and to respect the right of others

#### *ACOL RESPONSIBILITIES*

- Note that salvage works associated with specific projects is managed separately from the monitoring or clearance procedure for day to day minor earthworks / rehabilitation works that avoid known sites.
- ACOL will undertake to inform the community of salvage work with the maximum possible notice however at times short notice work may be required.
- ACOL will undertake to provide equity in access to work in the salvage process.
- ACOL will provide information regarding their standard payment and conditions policies at the time of commission.

### 6.0 Summary

ACOL have undertaken to use a variety of management strategies to address the archaeological and cultural values of the area of impact of the Bowmans Creek diversion. To this end ACOL commit to the BCD ACHMP to ensure that the best possible mitigation measures are undertaken prior to and during the construction and rehabilitation period. ACOL have developed policies and procedures to ensure that the mitigation measures are adhered too and that community consultation feedback is incorporated into subsequent reviews of the BCD ACHMP.

The mitigation measures have been developed to address the varying archaeological potential over the development area and to salvage the cultural values for future generations. The areas of potential can be defined as:

#### **Stage 1 – diversion**

1. Shallow deposits <200mm with isolated finds and small scatters overlying clay terrace. Located from 50m south of the northern point of the western diversion for a distance to 250m to the break of slope at the end of the Holocene terrace.
2. Thicker deposits of 200mm – 40mm for a length of 50 metres at the northern end of the western diversion.



**Stage 2 – Underground Panels**

1. An area of potential late Pleistocene /early Holocene terrace that will be impacted by subsidence. – Note an additional sample to the north will not be impacted by this project. The PAD will be salvaged by test and then salvage excavation.
2. Shallow deposits circa 200mm over the remaining area of the Holocene terrace shown in the area outlined as PAD in Figure 1. This terrace will be impacted by subsidence and surface activities and salvage works will be carried out prior to impact. The salvage will focus on grader scrapes and loci excavation.

ACOL will involve the Aboriginal stakeholders and an archaeologist in undertaking field work prior to and during construction in accordance with the Aboriginal Cultural Heritage Management Plan.

## 7.0 *Bibliography*

- Besant, A & Wyatt, L 2008 Aboriginal Archaeological Assessment – Macquarie Generation Proposed Gas Pipeline East – West Route. Report to Parsons Brinkerhoff.
- Besant, A & Wyatt, L 2008B Subsidence Management Archaeological Impact Assessment. Unpublished report to Ashton Coal Operations.
- Besant, A & Wyatt, L 2009 Aboriginal Archaeological Assessment – Proposed Longwall 9. Report to Ashton Coal Operations
- Besant, A. Carter, C & Wyatt, L 2009 A Aboriginal Archaeological Assessment – Proposed south east Open Cut. Report to Ashton Coal Operations.
- Besant A & Wyatt L 2010 Aboriginal Archaeological Assessment Bowmans Creek Diversion. Report to Ashton Coal Operations.
- Hughes, P Dr. 2010 Geomorphology report Bowmans Creek Diversion. Report to Insite Heritage and Ashton Coal Operations.
- Mitchell, P Dr. 2002 Geomorphology of the Ashton Coal Project site in relation to archaeology. Camberwell, Hunter Valley NSW Report by Groundtruth Consulting to Witter. D
- Witter, D. 2002 Ashton Coal Mining Project Environmental Impact Assessment: Aboriginal Archaeology. Report to White Mining Ltd.

**Appendix A – Geomorphology Report**

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**Huonbrook Environment & Heritage Pty Ltd**  
**ABN 26 062 069 809**

## **ASHTON COAL BOWMANS CREEK DIVERSION**

### **GEOARCHAEOLOGICAL ASSESSMENT**

Drs Philip Hughes and Marjorie Sullivan

21 June 2010

#### **BACKGROUND**

The consultants were commissioned to undertake a geoarchaeological assessment of the alignment of the proposed Bowmans Creek diversion. Specifically the consultants were required to assess the potential of the terraces crossed by the proposed diversion to contain archaeological materials.

#### **Mitchell (2002)**

Peter Mitchell (2002) undertook a geomorphological assessment intended to further elucidate valley fill stratigraphy along the Hunter River, Bowmans Creek and the western side of Glennies Creek, focussing on the extent of geomorphic features that might contain buried land surfaces of archaeological interest.

His main conclusions in relation to the Bowmans Creek terraces were (2002:16-17):

The geomorphology and valley fill stratigraphy of the lower reaches of Bowmans Creek (and Glennies Creek) comprises a maximum of three fluvial terraces each with an inset relationship to one another with the fragments of the highest (3rd) terrace being the only one of possible Pleistocene age and the only one in which any evidence of a buried landsurface has been located.

All areas of the low floodplains and 1st (flooded by 1:20 year events) and 2nd terraces (flooded by 1:100 year events) have been disturbed extensively by cultivation, erosion and deposition of a blanket of post-European (PE) sediments deposited mainly during the exceptionally large 1955 flood. Visibility of Aboriginal sites in these areas is virtually nil and any sites that exist beneath the PE sediments are likely to be disturbed.

The single remnants of the 3rd terrace along Bowmans Creek did not reveal any important stratigraphy that would encourage further excavation.

### Flood levels

The flood levels floods from the Hunter River are (to the nearest 0.5 m above seal level (ASL)) as follows:

1:100 year flood	63.0mASL
1:20 year flood	61.5 m ASL

Floodwaters from the Bowmans Creek catchment would be relatively fast flowing and would cause scouring of the creek bed, banks and terrace surfaces as well as deposition of alluvium ranging in size from gravel through sand and silt to clay. In contrast floodwater from the Hunter River would be slow moving, would cause relatively little erosion and would deposit fine textured alluvium (fine sand, silt and clay).

### FIELDWORK

Fieldwork was undertaken on 10 June 2010 by Philip Hughes and Marjorie Sullivan, accompanied by the project archaeologist Angela Besant. A backhoe was used to excavate test pits into the terrace deposits along the proposed alignment, as described in Appendix A.

Two levels of terrace were identified: these almost certainly correspond to Mitchell's (2002) 1st and 2nd levels respectively. Six of the eight test pits (1-4 and 7-8) were dug into 1st terrace alluvium and two test pits (5 and 6) into 2nd terrace alluvium.

The 1st terrace rise upstream from about 61 m above sea level (ASL) at the southern end of the western diversion to 65 m ASL at the northern end of the eastern diversion where Bowmans Creek discharges from the bedrock-confined valley upstream.

The 2nd terrace at the northern end of the western diversion is between 64 and 65 m ASL and 2-3 m higher than the adjacent lower 1st terrace.

### CONCLUSIONS

For most of its length the proposed Bowmans Creek diversion cross the 1st terrace, which consists of channel bed sands and gravels deposited by fast-flowing floods along Bowmans Creek. These coarse channel deposits are capped with post-European (PE) flood deposits (loamy sands), as originally described by Mitchell (2002). These PE sediments were derived mainly from flooding of Bowmans Creek but at the southern (downstream) end of the channel diversion where the 1st terrace falls below 63 m ASL, some may have been derived from Hunter River floods.

**These 1st terrace fluvial deposits have no archaeological potential and no further archaeological investigations are warranted.**

A short section of the diversion crosses a remnant of the 2nd terrace into which test pits 5 and 6 were dug. Contrary to Mitchell's (2002) wider observations, there are no post-

European flood deposits capping the terrace, which is at 64-65 m ASL is higher than the 1: 100 year flood level of the Hunter River (63 m ASL). The lack of recent alluvium at its surface indicates this terrace has not been topped by post-European floods along Bowmans Creek.

The fluvial sediments forming the terrace are compact sandy clays deposited in prehistoric times as overbank alluvium during floods. These deposits are homogenous throughout and show no evidence of weathering, indicating they are Holocene in age.

**It is likely that in the prehistoric past people would have camped on the surface of this higher terrace and that stone artefacts will be present on the surface or in the upper 300 mm or so of the deposit, having been moved down through the profile by cultivation and bioturbation. Below that level however no archaeological material would be expected.**

**Excavations on the terrace surface would be required to characterise the nature and distribution of any archaeological materials** which might be present. It is anticipated these would be extensive but not deep excavations.

**No landforms which are likely to contain Pleistocene archaeological sites occur in the study area.**

## REFERENCES

Mitchell, P.B. 2002. Geomorphology of the Ashton Coal Project site in relation to archaeology.

## APPENDIX A

### STRATIGRAPHY OF THE DEPOSITS EXPOSED IN THE TEST PITS

#### LOW TERRACE TO EAST OF BOWMANS CREEK

Three test pits were dug along the alignment of the northern section of the Bowmans Creek Diversion cross the low terrace on the eastern side of the creek:

Test Pit 1	Adjacent to Test Bore 3 at the northern end
Test Pit 2	Between Test Bores 3 and 4
Test Pit 3	Adjacent to Test Bore 4
Test Pit 4	Between Test Bore 4 and the bank of the creek to the south

#### Test Pit 1

Depth (mm)	Description
0 - 500	Loose dark brown sand (PE ) with gravel. Abrupt change to:
500 – 5,000+	Lenses of cobbles and coarse gravel in gravelly sand.

#### Test Pit 2

Depth (mm)	Description
0 - 300	Dark brown loamy sand (PE). Abrupt change to:
300 – 500+	Coarse gravel and cobbles.

#### Test Pit 3

Depth (mm)	Description
0 - 400	Dark brown sandy loam (PE). Grades in to:
400 – 1,000+	Pale brown compact coarse sand with coarse gravel and cobbles throughout.

#### Test Pit 4

Depth (mm)	Description
0 - 300	Dark brown sandy loam (PE). Grades in to:
300 – 700	Pale brown compact coarse sand
700 – 1,000+	Gravelly pale brown compact coarse sand

**REMNANT OF HIGH TERRACE TO WEST OF BOWMANS CREEK**

Two test pits were dug on this high terrace:

Test Pit 5                      Adjacent to Test Bore 1  
 Test Pit 6                      Approximately 100 m south of Test Pit 5

**Test Pit 5**

<b>Depth (mm)</b>	<b>Description</b>
0 – 1,400	Homogenous dark brownish grey gritty sandy clay. Overlies:
1,400+	Sandstone:

**Test Pit 6**

<b>Depth (mm)</b>	<b>Description</b>
0 – 300+	Homogenous dark brownish grey gritty sandy clay.

**LOW TERRACE TO WEST OF BOWMANS CREEK**

This low terrace, immediately south of the high terrace with Test Pits 5 and 6, is at about the same level as the terrace crossed by the northern section of the proposed diversion. Two test pits were dug on this low terrace.

Test Pit 7                      Approximately 100 m south of Test Pit 6  
 Test Pit 8                      Adjacent to Test Bore 2 and approximately 500 m south of Test Pit 7

**Test Pit 7**

<b>Depth (mm)</b>	<b>Description</b>
0 - 400	Soft brown loamy sand (PE) becoming paler downwards. Abrupt change to:
400 – 1,000+	Dry pale brown weathered coarse gravelly sand

**Test Pit 8**

<b>Depth (mm)</b>	<b>Description</b>
0 - 450	Soft dark brown loamy sand (PE). Abrupt change to:
450 – 1,800	Hard, homogenous pale brown coarse sand. Grades into:
1,800	– Compact reddish brown silty sand
2,700+	



**Appendix B – Ground Penetrating Radar Report**

To **Angela Besant**

**Insite Heritage Pty Ltd**

PO Box 98  
Wangi Wangi  
NSW 2267

Tel: 02 4975 5818  
Fax: as above  
E-Mail: insite@idl.net.au

Date 12 April 2010  
No. of Pages 5

**COMMERCIAL IN CONFIDENCE**

**PROPOSAL FOR GROUND PENETRATING RADAR (GPR) SURVEY OF THE  
BOWMANS CREEK DIVERSION AREAS, ASHTON MINE, HUNTER VALLEY, NEW  
SOUTH WALES.**

Dear Angela,

Thank you for your email dated 7<sup>th</sup> April 2010 and information supplied regarding your requirement to undertake a subsurface investigation using GPR along the proposed diversion routes for Bowmans Creek within the Ashton coal mine site in the Hunter Valley. Please find attached for your consideration our proposal for conducting this investigation.

As we understand it; there is a requirement for Ashton Coal to undertake diversion of Bowmans creek which winds its way through the Western side of their colliery near Camberwell in the Hunter valley. The diversions are to be created by cutting into the alluvial flood plain to equal depth to the existing creek. The sections to be diverted are approximately 780 – 850m in length by 30 – 100m width. The area is known to have pre colonial archaeological significance and there is some concern as to the likely hood of disturbing possible burial sites or other significant sites of cultural and scientific interest. The objectives of this investigation are to assess whether there are any areas of potential archaeological significance within the areas to be excavated. The results of the investigation will be used to assist in the planning targeted archaeological investigation with more detailed geophysics and / or excavation.



**Figure 1: Site locations for GPR profiles of Eastern and Western Diversions of Bowmans Creek.**

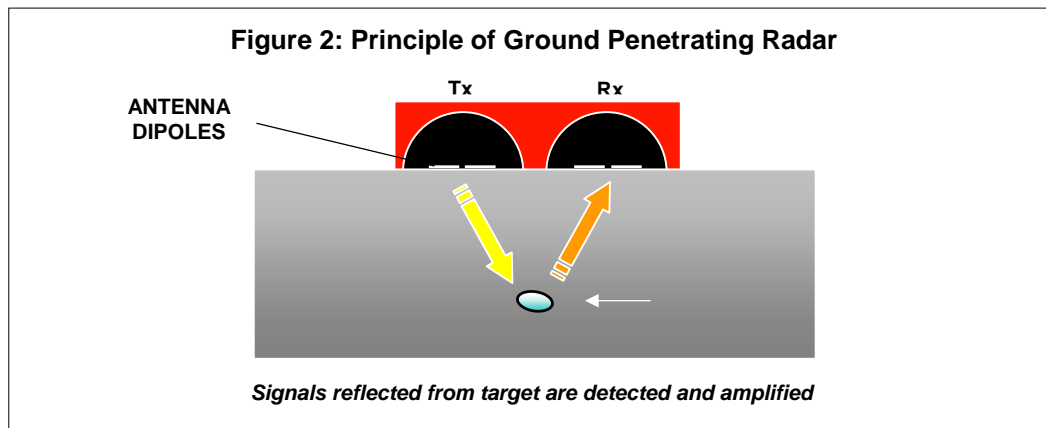
### **SURVEY METHOD**

Ground Penetrating Radar (GPR) is a non-destructive and non-invasive geophysical technique for rapidly imaging the shallow subsurface (typically up to 10 m depth). The technique produces high-resolution colour sections of the subsurface in real time, with parallel scans being used to create three dimensional models.

In principle, the GPR technique is normally operated in the reflection mode (like an echo sounder), except that high frequency impulses of electromagnetic energy are transmitted rather than sound waves. Typically 100,000 impulses per second are transmitted downwards into the ground from an antenna placed close to the ground surface. These impulses are of very short duration (each pulse has a rise time of typically 1-5 nanoseconds) and contain a wide spectrum of frequencies, typically in the range between 100 MHz and 1 GHz.

Signals are reflected back from interfaces in the ground where there is a contrast in the dielectric properties between two adjacent layers. The target depth is proportional to the time taken for the signal to travel down and back from a given layer.

For shallow geological and archaeological applications, an antenna with a centre frequency of 400 MHz is normally used, with a penetration depth of approx. 2 m, depending on site conditions. Deeper penetration is available using lower frequency antennae, for example 200 MHz or 100 MHz antennae.



## **PROPOSED SURVEY PROGRAM**

The proposed investigation is to be undertaken within the areas designated for excavation and are outlined on the aerial view figure 2 overleaf. We have provided 2 options for profiling either at 10m or 25m centres in the long axis. For the 10m profile separation option we would be collecting 17 – 19km of GPR data. For the 25m separation option we will be collecting 7 – 8.2km of GPR data. It is our understanding that the client will slash the proposed survey lines in the longitudinal direction and place location marker pegs at 50m centres along each profile. We also understand that 2 fences currently crossing the survey area may also be removed to facilitate vehicle access across the entire site.

The GPR data will be collected at a high scanning density (50 - 100 scans per metre) allowing detailed imaging of the subsurface alluvial deposits to a depth of 3 – 5m (dependant on ground conditions). The collected GPR transects will be recorded at locations as directed by the client representative. Transect locations will be referenced using DGPS and plotted on to Google Earth and mine survey drawings if available. Depending on satellite visibility it may be possible to map the GPR transects continuously during data collection.

In order to calibrate the collected GPR data it is suggested that a number of test pits be dug at some point during the investigation. This will enable the accurate calculation of depths to the various stratigraphic layers imaged in the GPR data.

## **GPR EQUIPMENT**

As with other similar investigations carried out for archaeology in the Hunter valley, the equipment we propose to use for this project is a multichannel GSSI ground penetrating radar system, with real time colour display. The control unit will be mounted in a 4WD and connected via cables to the radar antennae, which are towed slowly behind the 4WD vehicle (Figure 3).



**Figure 3: GPR investigation at Warkworth Mine in August 2007. Dual frequency antennae (200 MHz and 400 MHz) were used during the investigation and provided high quality data. It is proposed to use a similar set up for this investigation.**

Antennae in the frequency range from 900 – 200 MHz will be used for this investigation. Based on the previous investigations undertaken in similar environments these antennae are expected to give up to 6 m depth of penetration. Please note that the success of the GPR survey is dependent on the subsurface conditions and the radio contrast between the soil horizons, or disturbances in the ground.

Distance travelled along the survey transects will be measured with a precision optical encoder wheel, mounted onto the 4WD which will control the rate of data collection. DGPS will be used to either capture specific points along each transect or to map the transect routes continuously.

GPR is considered the best geophysical method for this site to provide detailed subsurface imaging of stratigraphy and possible archaeological features. However, as with all geophysical techniques, the results are interpretative and site dependent and no guarantee can be given that GPR can detect all sub-surface features.

## **REPORTING**

The provision of information from the investigation will include annotated 2D sections showing the depths to the identified stratigraphic horizons and areas of potential archaeological significance. Plan view plots of any targets that may warrant further investigation found across the site will be provided over suitable survey plans or on Google Earth aerial images. Co-ordinates of any targets will be provided. An accompanying report detailing the methodology and discussing the results will be provided.

## **INDICATIVE COSTS AND TIMING**

We intend to provide on-site a senior geophysicist and field assistant to undertake the GPR profiling. It is estimated that for collection of 25m spaced profiles a total of 3.5 days will be required to complete the fieldwork including set up, calibration and 8 km of GPR profiling. Any site inductions longer than 2 hours will be charged at an additional hourly rate. Data analysis, interpretation, drafting and reporting will require 9 days of office time. Data collection at 25m spaced profiles is purely a low resolution recognisance investigation that will provide information on the geomorphology of the area and may find archaeological targets. The option for 10m separation profiles will require 5 days on site and 12 days office time. Collecting at closer spacings will increase the possibility of recording targets of interest along with the more general geomorphology responses.

It must be stressed that widely spaced profiles may provide a number of targets that would be false positives as without closely spaced multiple profiles target identification based on shape, extents and depth will not be possible.

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>AMOUNT (\$)</b>
1	<b>MOBILISATION</b> Project liaison and equipment preparation - Lump sum.  Staff Travelling to site: Coramba – Singleton: via road 1.0 day each way x both ways Sydney – Singleton: via road 0.5 day each way x both ways Total 3 days	600.00   1,820.00 1,060.00
2	<b>FIELDWORK</b> (25m GPR profile spacing) Field survey rate includes: Senior Georadar Engineer and GPR assistant, GSSI multichannel ground penetrating radar survey equipment, DGPS System, Toyota Landcruiser 4WD vehicle and fuel. Estimate 3.5 days x 8 hours @ \$340/hr  Accommodation / disbursements: charged at cost x 10 per cent. Estimate: 4 nights x 2 persons @ \$220/night pp	9,520.00  1,760.00
3	<b>REPORTING</b> Data Processing, Interpretation and Summary Reporting. Estimate 3 days x Senior Geophysicist x 8 hrs x \$150/hr Estimate 6 days x Geophysicist x 8 hrs x \$105/hr  Printing reports and radargrams, data CDs Courier delivery of reports / documents	3,600.00 5,040.00  105.00 25.00
	Total excl. GST	<b>23,530.00</b>

ITEM	DESCRIPTION	AMOUNT (\$)
1	<b>MOBILISATION</b> Project liaison and equipment preparation - Lump sum.  Staff Travelling to site: Coramba – Singleton: via road 1.0 day each way x both ways Sydney – Singleton: via road 0.25 day each way x both ways Total 2.5 days	600.00  1,820.00 1,060.00
2	<b>FIELDWORK</b> (10m GPR profile spacing) Field survey rate includes: Senior Georadar Engineer and GPR assistant, GSSI multichannel ground penetrating radar survey equipment, DGPS System, Toyota Landcruiser 4WD vehicle and fuel. Estimate 5 days x 8 hours @ \$340/hr  Accommodation / disbursements: charged at cost x 10 per cent. Estimate: 6 nights x 2 persons @ \$220/night pp	13,600.00  2,640.00
3	<b>REPORTING</b> Data Processing, Interpretation and Summary Reporting. Estimate 3 days x Senior Geophysicist x 8 hrs x \$150/hr Estimate 9 days x Geophysicist x 8 hrs x \$105/hr  Printing reports and radar grams, data CDs Courier delivery of reports / documents	3,600.00 7,560.00  105.00 25.00
	Total excl. GST	<b>31,010.00</b>

## **ASSUMPTIONS**

Our proposal is submitted based on the following assumptions:

1. We understand that an Insite representative will be on site to direct our survey crew and will assist with guiding the GPR survey.
2. This proposal assumes a single mobilisation to site for two GPR survey crew (Additional mobilisations at a later date for additional work, if required, would be charged).
3. The track of the survey lines will be cleared and the grass mowed short along the lines to allow access for our 4WD vehicle (Toyota Landcruiser) towing a radar trolley.
4. Insite or Ashton Coal will provide electronic base plans of the survey site as DWG, DXF or shape files.
5. The GPR lines will be pegged at intervals of approx 50m. If necessary OmniSTAR corrections providing sub-metre accuracy will be used with the daily subscription rates being charged at \$125 per day.
6. The fence lines on the eastern and western sides of Bowmans Creek will be removed prior to the survey by Ashton Mine to allow easy passage of our 4WD survey vehicle towing the radar antenna. If the fences are not removed please allow additional time for the survey.
7. The final report would be prepared in liaison with staff from GBG Australia Pty Ltd.

## **TERMS**

Prior to the survey we require written confirmation (via a Purchase Order or letter of confirmation) to proceed.

Terms of payment are 30 days from date of invoice. Invoices are submitted in two parts, the first part following the completion of the fieldwork, the second part following the submission of our report.

Georadar Research and GBG are the most experienced GPR companies in Australia. Based on the information provided to us, I trust we can deliver on this project a similarly high quality of results as obtained on previous GPR mapping projects in the Hunter Valley.

Please call me on 02 6654 4162 or 0428 662399 if you have any queries.

Yours sincerely

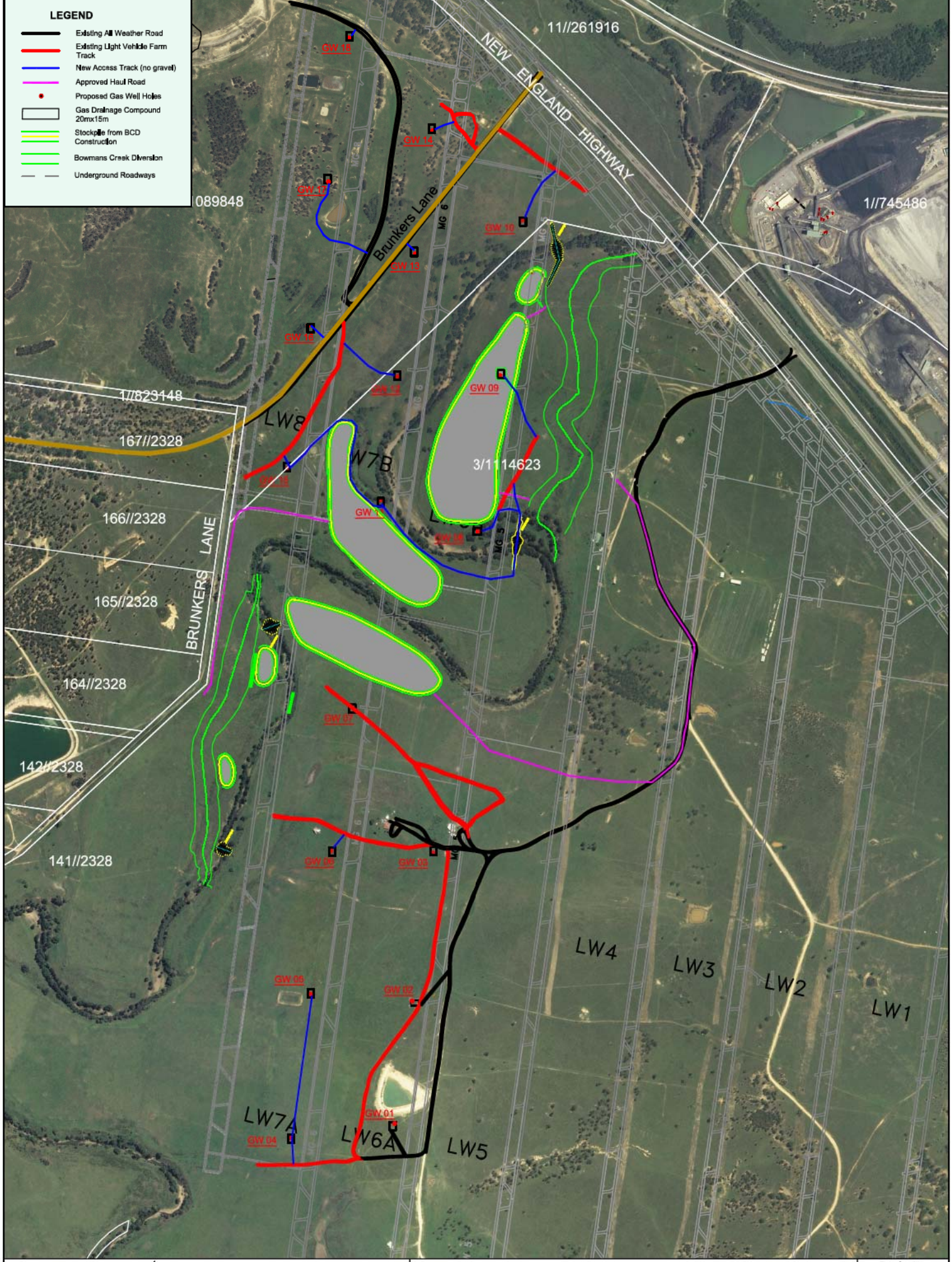
A handwritten signature in black ink, appearing to read 'R Yelf', with a stylized, cursive script.

Richard Yelf  
Managing Director



## **ATTACHMENT 2**

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**AshtonCoal**  
 PO Box 699 Singleton NSW 2330  
 Phone 61+ 02 6576 1111 Fax 61+ 02 6576 1122

**ASHTON UNDERGROUND MINE  
 Indicative Gas Well and  
 Additional Access Track Locations**

Date 05/05/2011	Scale: NTS	Drawn JIP	Checked	Approved
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Drawing No. A-9514
Revision No.
Sheet Size A3

## **ATTACHMENT 3**

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## Aboriginal Stakeholder Groups Correspondence Log

23/06/2008	<p>Notification letter was sent to the following indigenous groups informing them of the opportunity for their input of the preparation of the subsidence management plan for mining of longwall 5-9 through the public open day to be held on 7 July or by contacting Aston Coal directly</p> <ul style="list-style-type: none"> <li>Ungoороо Aboriginal Corporation</li> <li>Wattaka Wonnarua C.C. Service</li> <li>Wonnarua Local Aboriginal Land Council</li> <li>Wonnarua Aboriginal Custodians Corporation</li> <li>Junburra Consulting</li> <li>Biami Pty Ltd</li> <li>Aboriginal native Title Heritage Consultants</li> <li>Lower Wonnarua Tribal Council</li> </ul>	<p>Notification correspondence re: preparation of Subsidence Management Plan for longwall 5-9</p>
26/06/2008	<p>Rang Roger to confirm the addresses of the returned letters</p>	<p>Notification correspondence re: preparation of Subsidence Management Plan for longwall 5-9</p>
26/06/2008	<p>Aboriginal Native Title Heritage Consultants</p>	<p>Notification correspondence re: preparation of Subsidence Management Plan for longwall 5-9</p>
26/06/2008	<p>DECC have them registered as</p>	<p>Notification correspondence re: preparation of Subsidence Management Plan for longwall 5-9</p>
26/06/2008	<p>PO Box 906</p>	<p>Notification correspondence re: preparation of Subsidence Management Plan for longwall 5-9</p>
26/06/2008	<p>Biami Pty Ltd PO Box 1502 NORTH SYDNEY NSW 2059</p>	<p>Notification correspondence re: preparation of Subsidence Management Plan for longwall 5-9</p>
25/09/2008	<p>Sent the updated plans of the SMP 5-9 Archeological Plans</p> <ul style="list-style-type: none"> <li>Ungoороо Aboriginal Corporation</li> <li>Wattaka Wonnarua C.C. Service</li> <li>Wonnarua Local Aboriginal Land Council</li> <li>Wonnarua Aboriginal Custodians Corporation</li> <li>Junburra Consulting</li> <li>Biami Pty Ltd</li> <li>Aboriginal Native Title Heritage Consultants</li> <li>Lower Wonnarua Tribal Council</li> </ul>	<p>Correspondence re: Preparation of Subsidence Management Plan for Longwall 5-9</p>

2/10/2008	<p>Notification letter for the development of an aboriginal stakeholder register - liaison and conduct of Archaeological survey - additional longwall panel was send to the following:</p> <ul style="list-style-type: none"> <li>Singleton Shire Council</li> <li>DECC</li> <li>Native Title Services</li> <li>Traby Aboriginal College</li> <li>Ungooroo Aboriginal Corporation</li> <li>Wattaka Wonmarua C.C. Services</li> <li>Wonmarua Local Aboriginal land Council</li> <li>Wonmarua Aboriginal Custodians Corporation</li> <li>Junburra Consulting</li> <li>Biami Pty Ltd</li> <li>Aboriginal Native Title Heritage Consultants</li> <li>Lower Wonmarua Tribal Council</li> </ul>	Liasion and conduct of archeological survey DC Variation LW9
3/10/2008	Public notice advertised in the Singleton Argus and the Sydney Morning Herald for aboriginal stakeholder register for DC Variation LW9	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
3/10/2008	Advertisement for Additional Longwall Panel Aboriginal Stakeholder Register appeared in the Sydney Morning Herald	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
7/10/2008	Tracey Skene emailed Wells Environmental and expressed her interest of being listed on the DC Variation LW9 Aboriginal Stakeholder Register	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
7/10/2008	Advertisement for South - East Open Cut Project Aboriginal Stakeholder Register appeared in The Singleton Argus	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC

10/10/2008	Alan Wells replied to Warren Taggart via email to acknowledge his registration of interest.	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
10/10/2008	Public notice advertised in the Singleton Argus and the Sydney Morning Herald for aboriginal stakeholder register for DC Variation LW9	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Updated correspondence list as per correspondence from DECC to line up with the DECC known aboriginal parties. The following groups were added to the list:	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Singleton Shire Council PO Box 314 SINGLETON NSW 2330 Attention: Ms Erica Duffy	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	DECC Locaked Bag 914 COFFS HARBOUR NSW 2450	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Native Title Services PO Box 2105 STRAWBERRY HILLS NSW 2012 Attn: The Notifications Officer	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC

17/10/2008	Office of the Registrar, ALRA Tranby Aboriginal College PO Box 112 GLEBE NSW 2037 Attn: Ms Megan Mebberson	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	DECC addition list for DC.	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Aboriginal Native Title Elders Consultants 69 Tobruk Avenue MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Barkuma Neighbourhood Centre Inc 76 Lang Street KURRI KURRI NSW 2327	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Black Creek Aboriginal Corporation PO Box 168 KURRI KURRI NSW 2328	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Upper Hunter Heritage Consultants 160 Sydney Street MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC

17/10/2008	Girwirr Consultants 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Hunter Valley Aboriginal Coporation PO Box 579 MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Hunter Valley Cultural Consultants 40 Humphries Street MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Hunter Valley Cultural Surveying 297 Pioneer Road SINGLETON NSW 2330	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Lower Hunter Wonnarua Council Inc. 142 Northcote Street KURRI KURRI NSW 2327	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Mimagen Wajaar Pty Ltd 7 Wybalena Close KILABEN BAY NSW 2283	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC



17/10/2008	St Clair Singleton Aboriginal Corporation PO Box 710 SINGLETON NSW 2330	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Wonnaruah Elders Council PO Box 814 SINGLETON NSW 2330	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Valley Culture 140 Sydney Street MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Wanaruah Custodians 35 Acacia Circuit SINGLETON NSW 2330	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Wonnarua Cultural Heritage 19 O'Donnell Crescent METFORD NSW 2323	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Yamuloong Group Initiatives Ltd PO Box 487 CARDIFF NSW 2285	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC

17/10/2008	Mur-Roo-Ma Inc 7 Vardon Road FERN BAY NSW 2295	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Awabakal Traditional Owners Aboriginal Corporation PO Box 253 JESMOND NSW 2299 Contact: Kerrie Brauer and Dene Hawkin	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Muswellbrook Cultural Consultants 10 Scott Street MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Mingga Consultants 11 Coolibah Close MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Wonn1 Contracting 619 Main Road GLENDALÉ NSW 2285	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Awabakal Descendants Traditional Owners Aboriginal Corporation PO Box 38 WALLABADAH NSW 2343 Contact: Shane Frost	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC

17/10/2008	Nur-Run-Gee Pty Ltd 22 Popplewell Road FERN BAY NSW 2295		Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
17/10/2008	Kathleen Stewart/ Kinchella 7 Cypress Place MUSWELLBROOK NSW 2333		Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
16/10/2008	Suzie Worth called and Asked for an extension of time to respond to the SMP Plan. Extension given to Monday the 20th.  Her contact number is 0427102116		Preparation of Subsidence Management Plan for Longwall 5-9
17/10/2008	LR telephoned the ACOL main group Aboriginal stake holder groups to see if they had any feedback regarding the preparation of SMP for Longwall 5-9		Preparation of Subsidence Management Plan for Longwall 5-9
18/10/2008	Called Ungooroo spoke to Alan does not have a problem with it		Preparation of Subsidence Management Plan for Longwall 5-9
19/10/2008	Wattaaka Wonnarua C.C. Service - spoke to Irene Des is at work he will have to call Lisa back		Preparation of Subsidence Management Plan for Longwall 5-9
20/10/2008	Junburra Consulting - spoke with Victor Perry he is happy to keep going, happy with how things have been handled so far. Asked if he had contact details for Aboriginal native Title Heritage Consultants (thought this was Matthews and that they have changed) also asked about Wonnarua Aboriginal Custodians Corporation (never heard of them)		Preparation of Subsidence Management Plan for Longwall 5-9
21/10/2008	Lower Wonnarua Tribal Council 6574 5303 - Andersons left a message on the answering machine		Preparation of Subsidence Management Plan for Longwall 5-9
21/10/2008	Gidawaa Walang registered their interest in being included in the Aboriginal Stakeholder Register for the DC Variation for LW9		Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9
21/10/2008	Wattaaka Cultural Consultants Services registered their interest in being included in the Aboriginal Stakeholder Register for the South- East Open Cut Project & DC Variation for LW9.		Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC

21/10/2008	Gidawaa Walang Cultural Heritage Consultancy registered their interest in being included in the Aboriginal Stakeholder Register for the South- East Open Cut Project & DC Variation for LW9.	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
20/10/2008	Received correspondence from Officer of the Registrar advising that the proposed archaeological investigation for DC LW9 subject land does not have Registered Aboriginal Owners	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
21/10/2008	Biami - Lisa left a message for Robert Lester re needing feed back for SMP we are needing to closeout now	Preparation of Subsidence Management Plan for Longwall 5-9
21/10/2008	Muswellbrook Cultural Consultants registered their interest in being included in the Aboriginal Stakeholder Register for DC Variation LW9	Preparation of Subsidence Management Plan for Longwall 5-9
22/10/2008	Biami -0438 295 120 spoke to Robert Lester he has not seen the report, asked where it sent, told him the North Sydney post office box, this is right though no one in the office has sent it to him he will try and track down. Asked in the future if we would be able to cc him in on the below email robertandcarolyn@bigpond.com. Can we send him a copy of the correspondence on the email address now. I said yes, however I have given another group an extension until Monday, if he could get some comments back to us by then it would be appreciated so we do not have it drag on.	Preparation of Subsidence Management Plan for Longwall 5-9
22/10/2008	Upper Hunter Heritage Consultants correspondence returned. Lisa contacted DECC - they do not have a contact number for Upper Hunter Heritage Consultants. Remove them from the correspondence list.	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
22/10/2008	Wonarua Cultural Heritage expressed their interest in being included in the Aboriginal Stakeholder Register for the DC Variation for LW9	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
22/10/2008	Aboriginal Native Title Consultants registered their interest in being included in the Aboriginal Stakeholder Register for the DC Variation for LW9	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC

22/10/2008	Wonnarua Culture Heritage registered their interest in being included in the Aboriginal Stakeholder Register for the South- East Open Cut Project & DC Longwall 9 Variation via fax	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
23/10/2008	Wonnarua Elders Council correspondence returned - wrong PO box on envelope changed to correct one (PO Box 184 not 814) and resent Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & Proposed SEOC Project	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
23/10/2008	Ungooroo Aboriginal Corporation registered their interest in being included in the Aboriginal Stakeholder Register for the DC Variation for LW9	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
23/10/2008	The Board of Directors of Ungooroo Aboriginal Corporation (UAC) registered their interest in being included in the Aboriginal Stakeholders Register for the South- East Open Cut Project via email & DV variation LW9	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
23/10/2008	Barry McTaggart of Yarrawalk Enterprises registered their interest in being an Aboriginal Stakeholder for the South- East Open Cut Project & DC Longwall 9 Variation via email	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
23/10/2008	Gidawaa Walang registered their interest in being included in the Aboriginal Stakeholder Register for the South- East Open Cut Project & DC Longwall 9 Variation	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
24/10/2008	<a href="#">Received a letter by email re the SMP. Rang and left a message on Scotts phone that this is not a S90 application and that we will be continuing with finalising the report as it is part of a large document that we will not be holding up.</a>	Preparation of Subsidence Management Plan for Longwall 5-9

24/10/2008	<p>Scott Franks Called Re the SMP</p> <p>Initially commented that it appears we are getting bigger and he does not see where the benefit is going to the Aboriginal Community</p> <p>Referred to the agreement and that we have no Aboriginal employment to comply with this.</p> <p>I corrected him there and said that we have employed a lot and continue to</p> <p>Yarrowalk have now combined with an employment agency in town and are providing Aboriginal employment to the mining industry, would we employ through them?</p> <p>Lisa this is the first I have heard of this as discussed before we would be more than happy to look at any proposal they put forward.</p> <p>Confirmed the position of Biami and Yarrowalk as we had removed Yarrowalk from our register and replaced with Biami on advice from the DECC and the fact that our letters have been returned address unknown.</p> <p>Yarrowalk still exists letters to be sent to Barry Mc Taggart Wollombi Rd Wollombi</p> <p>Scott still wanted to comment on the SMP, told him that we were going to print on the weekend and that the response for this closed 2 weeks ago, said he would have something to me in an hour or so.</p>	Preparation of Subsidence Management Plan for Longwall 5-9
24/10/2008	The Hunter Valley Aboriginal Corporation registered their interest in being included in the Aboriginal Stakeholder Register for the South - East Open Cut Project & DC Longwall 9 Variation	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
24/10/2008	Biami registered their interest in being included in the Aboriginal Stakeholder Register for the South - East Open Cut Project & DC Longwall 9 Variation via post	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
27/10/2008	Girwirr Consultants registered their interest in being included in the Aboriginal Stakeholder Register for the DC Variation for LW9	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
27/10/2008	Girwirr Consultants registered their interest in being included in the Aboriginal Stakeholder Register for the South - East Open Cut Project & DC Longwall 9 Variation	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC

27/10/2008	Wanaruah Local Aboriginal Land Council registered their interest in the Aboriginal Stakeholder Register for the South- East Open Cut Project & DC Longwall 9 Variation	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
28/10/2008	Cacatua Culture Consultants registered their interest in being included in the Aboriginal Stakeholder Register for the DC Variation for LW9	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
28/10/2008	Cacatua Culture Consultants registered their interest in being included in the Aboriginal Stakeholder Register for the South- East Open Cut Project & DC Longwall 9 Variation	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
29/10/2008	Wonn 1 Consulting registered their interest in being included in the Aboriginal Stakeholder Register for the DC Variation for LW9	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
29/10/2008	Wonn 1 Consulting registered their interest in being included in the Aboriginal Stakeholder Register for the South- East Open Cut Project	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
28/10/2008	Upper Hunter Heritage Consultants registered their interest in being included in the Aboriginal Stakeholder Register for the DC Variation for LW9	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
30/10/2008	Hunter Valley Cultural Consultants registered their interest in being included in the Aboriginal Stakeholder Register for the DC Variation for LW9	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
31/10/2008	Hunter Valley Cultural Consultants registered their interest in being included in the Aboriginal Stakeholder Register for the Underground/ Open Cut Project. Interest received via fax.	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC

25/11/2008	Rang Junburra Victor Perry, to confirm that he did not want to register for the DC and the SEOC. His initial comment was that they are not big projects are they. I indicated that the SEOC was Victor was not sure he had seen that one, I agreed to email it to him.	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
25/11/2008	Wonnarua Nation - Laurie Perry they have been very busy sorting things out they have stated doing some heritage work so would like to register for both projects. Barry French has been doing this work for them	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
25/11/2008	Lower Wonnarua Tribal Council (now consultancy) - Barry French, he would not register on behalf of the consultancy as he will be doing the Wonnarua Nation work. Wants to try giving it ago under the large group banner how it should be.	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
25/11/2008	Hunter Valley Natural and Cultural Resource Management registered their interest in being included in the Aboriginal Stakeholder Register for the South - East Open Cut Project	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
28/11/2008	Hunter Valley Cultural Surveying registered their interest in being an Aboriginal Stakeholder for the South- East Open Cut Project & LW9 DC Variation	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
29/11/2008	Sent email to Lower Wonnarua Council Via Lea-anne Ball (lea5972@hotmail.com) (Tom Miller)	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Spoke with Mrs Mathews, she requested to register for the SEOC as well as the UG, does not recall getting a letter for the SEOC, checked and it was addressed right. Also asked to confirm that Upper Hunter Heritage Consultants and Hunter Valley Cultural Consultants were also register for both as she had also faxed these out. They were not registered for both I agreed to register. Also asked about Giwiirr Consultants they were register for both.	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Wells Environmental Services sent Correspondence to Aboriginal stakeholder groups registered their interest in participating in field work for the SEOC & DC variation to LW9	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC



1/12/2008	Tracey Skene 7 Crawford Place MILLFIELD NSW 2325	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Ungooroo Cultural and Community Services Incorporated 8 Blaxland Avenue SINGLETON NSW 2330	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Wattaka Cultural Consultants Services 4 Kennedy Street SINGLETON NSW 2330	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Wanaruah Local Aboriginal Land Council PO Box 127 MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Wonnaruah Culture Heritage 19 O'Donnell Crescent METFORD NSW 2323	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Aboriginal Native Title Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Ungooroo Aboriginal Corporation 26 George Street SINGLETON NSW 2330	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Giwirr Consultants 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC

1/12/2008	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Gidawaa Walang 76 Lang Street KURRI KURRI NSW 2327	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Cacatua Culture Consultants 22 Ibis Parade WOODBERRY NSW	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Hunter Valley Aboriginal Coporation PO Box 579 MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Wonn1 Contracting 619 Main Road GLENDALE NSW 2285	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Hunter Valley Cultural Consultants 40 Humphries Street MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Wonnarua National Aboriginal Corporation PO Box 3066 SINGLETON DELIVERY NSW 2330	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Lower Hunter Wonnarua Council Inc. 145 Lang Street KURRI KURRI NSW 2327	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Wells Environmental Services sent correspondence to the following registered Aboriginal stakeholder groups interest in participating in the Additional Longwall Panel Development Consent Variations fieldwork ONLY	Longwall 9 DC Variation

1/12/2008	Muswellbrook Cultural Consultants 10 Scott Street MUSWELLBROOK NSW 2333	Longwall 9 DC Variation
1/12/2008	Hunter Valley Cultural Consultants registered their interest in being included in the Aboriginal Stakeholder Register for the Underground/ Open Cut Project	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Lisa Richards contacted Tom Miller via email in relation to ACOL's upcoming projects.	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
1/12/2008	Lisa Richards contacted Victor from Junburra in regards too South East Open Cut Stake Holder Registration	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
2/12/2008	Correspondence sent via email to the following registered Aboriginal Stakeholder groups advising them of the South-East Open Cut Project- Additional Longwall Panel Development Consent Variations Project: (hard copy also sent to supplied addresses)	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
2/12/2008	Wanaruah Local Aboriginal Land Council wanarua@bigpond.com.au	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
2/12/2008	Hunter Valley Natural and Cultural Resource Management dfrench@hotmail.com	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
2/12/2008	Yarrawalk Enterprises abco@bodernet.com.au	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC

2/12/2008	Biami info@biami.com.au	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
2/12/2008	Hunter Valley Cultural Surveying hvcs@bigpond.com	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
2/12/2008	Lower Hunter Wonnarua Council lhwc@bigpond.com	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
2/12/2008	Hunter Valley Aboriginal Corporation hvacorp@bigpond.com.au	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
2/12/2008	Upper Hunter Heritage Consultants darrel_matthews@hotmail.com	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
2/12/2008	Ungooroo taasha@ungooroo.com.au	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
2/12/2008	Culturally Aware anigunya@hotmail.com	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
2/12/2008	Warren Taggart warrentaggart@bigpond.com.au	Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC

2/12/2008	Undelivered mail to recipient wanarua@bigpond.com.au stated as invalid recipient for email.	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
4/12/2008	Wonnarua Nation Aboriginal Corporation registered their interest in being involved in the Aboriginal Stake holder Register for the South - East Open Cut Project and the proposed Longwall Panel No. 9	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
4/12/2008	Received the following Aboriginal Stakeholder groups field work participants registration forms and information from:	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
4/12/2008	Giwirr Consultants Fieldworkers Name: Jamie- Lee Stair	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
5/12/2008	Aboriginal Native Title Consultants Fieldworkers Name: John Matthews	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
8/12/2008	Wonn 1 Contracting Fieldworker's Name: Arthur Fletcher	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
9/12/2008	Upper Hunter Heritage Consultant Fieldworker's Name: Darrel Matthews	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
9/12/2008	Ungooroo Aboriginal Corporate Fieldworker's Name: Allen Paget	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC

9/12/2008	Ungooroo Cultural and Community Service Name: Rhonda Ward/ Samantha Ward	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Correspondence sent to the following registered Aboriginal stakeholder groups advising them of the days they were rostered to participate in the fieldwork:	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Wanaruah Local Aboriginal Land Council PO Box 127 MUSWELLBROOK NSW 2333	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Wattaka Cultural Consultants Services 4 Kennedy Street SINGLETON NSW 2330 Attn: Mr Des Hickey	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Ungooroo Aboriginal Corporation 26 George Street SINGLETON NSW 2330 Attn: Mr Allen Paget	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Girwirr Consultants 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333 Attn: Jamie- Lee Stair	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Cacatua Culture Consultants 22 Ibis Parade WOODBERRY NSW Attn: Mr George Sampson	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Hunter Valley Aboriginal Coporation PO Box 579 MUSWELLBROOK NSW 2333 Attn: Mr Barry Lee Stair	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC

11/12/2008	Aboriginal Native Title Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333 Attn: Mr John Matthews	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Wonn1 Contracting 619 Main Road GLENDALE NSW 2285 Attn: Mr Arthur Fletcher	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Wonnaruah Culture Heritage 19 O'Donnell Crescent METFORD NSW 2323 Attn: Joseph or Gordon Griffiths	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Culturally Aware 7 Crawford Place MILLFIELD NSW 2325 Attn: Ms Tracey Skene	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Yarrawalk Enterprises 913 Wollombi Road BROKE NSW 2330	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Lower Hunter Wonnarua Council Inc Shop 2 145 Lang Street KURRI KURI NSW 2327 Attn: Mr T Miller	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Wonnarua National Aboriginal Corporation PO Box 3066 SINGLETON DELIVERY NSW 2330 Attn: Mr L Perry	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Hunter Valley Cultural Surveying 297 Pioneer Road SINGLETON NSW 2330 Attn: Mr Luke Hickey	Establishment of Aboriginal Stakeholder Register - Liasion and conduct of archaeological survey -DC Variation LW9 & SEOC

11/12/2008	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333 Attn: Darrel Matthews		Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Ungooroo Cultural and Community Services Incorporated 8 Blaxland Avenue SINGLETON NSW 2330 Attn: Rhonda & Samantha Ward		Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Received Yarrowalk Enterprises Contractor Supplier Details, Certificate of Currency and Barry French or Sue Cutmores Participation form for the South East Open Cut Project.		Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
11/12/2008	Received Wanaruah Local Aboriginal Lands Council 's insurance documentation, Aboriginal Stake holder participation form, Supplier details form, account details and Certificate of Currency. For the South East Open Cut Project and the Longwall Project.		Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
12/12/2008	Email received from Lynne Wells to recipients Lisa and Cassie. Email was sent to notify recipients that all letters regarding the Aboriginal Feilworkers rosters were emailed or faxed 11/12/2008 and will be posted by ordinary mail today.		Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
12/12/2008	Received email from Hunter Valley Cultural Surveying in relation to the Fieldwork Registration details. Attached was the Supplier Details, the Aboriginal Stakeholders form for Luke Hickey, Certificate of Currency, Public and Products Liability insurances. For the South East Open Cut Project.		Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/12/2008	Recived email from Aboriginal Native Title Consultants. Attached was the Supplier Details, Certificate of Currency, Public Liability and Products Liability, and Aboriginal Stake holder participation form for John Matthews. For South East Open Cut Project and Longall Panel Development Consent.		Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC
17/12/2008	Recived email from Wonnarua Nations Aboriginal Corporation. Attached was the Supplier Details, Certificate of Currency, and Aboriginal Stake holder participation form for Maree Waugh. For South East Open Cut Project.		Establishment of Aboriginal Stakeholder Register - Liaison and conduct of archaeological survey -DC Variation LW9 & SEOC



22/12/2008	Spoke to Margaret Matthews regarding her invoice for the fieldwork (it did not include GST and she had ticked her contractor details form to say ANTC was registered for GST) margret advised that she did not claim and was not registered for GST and that on the form she must have "ticked the wrong box".	SEOC & DC Longwall Variation 9 fieldwork
12/01/2009	Correspondence sent to the following registered Aboriginal stakeholder groups from Phil Fletcher ( Underground Technical Services Manager) advising them of approval of works approval granted by the DPI for Longwall and Miniwall Panels 5 to 9	Subsidence Management Plan for Longwall 5-9
12/01/2009	Lower Wonnarua Tribal Council 156 The Inlet Road BULGA NSW 2330	Subsidence Management Plan for Longwall 5-9
12/01/2009	Junburra Consulting 17/174 John Street SINGLETON NSW 2330	Subsidence Management Plan for Longwall 5-9
12/01/2009	Aboriginal Native Title Heritage Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333	Subsidence Management Plan for Longwall 5-9
12/01/2009	Biami Pty Ltd PO Box 1502 NORTH SYDNEY NSW 2059	Subsidence Management Plan for Longwall 5-9
12/01/2009	Wonnarua Aboriginal Custodians Corporation 9 Lachlan Avenue SINGLETON NSW 2330	Subsidence Management Plan for Longwall 5-9
12/01/2009	Aboriginal Native Title Elders Consultants 69 Tobrauk Avenue MUSWELLBROOK NSW 2333	Subsidence Management Plan for Longwall 5-9
12/01/2009	Wattaka Wonnarua C.C Service 4 Kennedy Street SINGLETON NSW 2330	Subsidence Management Plan for Longwall 5-9
12/01/2009	Ungooroo Aboriginal Corporation PO Box 3095 SINGLETON NSW 2330	Subsidence Management Plan for Longwall 5-9
12/01/2009	Wonnarua Local Aboriginal Land Council PO Box 127 MUSWELLBROOK NSW 2333	Subsidence Management Plan for Longwall 5-9
30/01/2009	Junburra letter re: DPI approval of works from DPI for Longwall & Miniwall Panels 5-9 returned. Sent to old address (17/174 John Street) . Gave Phil Fletcher current address on file (PO Box 3043 Singletton)	Subsidence Management Plan for Longwall 5-9
6/02/2009	Letter re: DPI approval of works for Longwall & Miniwall Panels 5-9 resent to Junburra to address PO Box 3043 SINGLETON	Subsidence Management Plan for Longwall 5-10
29/05/2009	Kathleen Steward Kinchela (Yinarr Cultural Services) registered her interest in the archaeological fieldwork for the SEOC. She was sent notification of the fieldwork with the rest of the groups back in October & November 2008 but was busy with other fieldwork at the time. She will be registered as a late registree.	SEOC Archaeological & DC Variation LW9 fieldwork

29/07/2009	Correspondence sent to the following stakeholders re: Notificaaction of Approval of Ashton Coal Underground SMP for Longwall 5-6 and miniwall 7-8	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Aboriginal Native Title Heritage Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Aboriginal Native Title Elders Consultants 69 Tobruk Avenue MUSWELLBROOK NSW 2333	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Biami Pty Ltd PO Box 1502 NORTH SYDNEY NSW 2059	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Mr Nick Hall Mining & Extractive Industries Major Development Assessment, Department of Planning GPO Box 39 SYDNEY NSW 2001	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Ms Glenda Briggs Agricultural Environment Officer DPI Total Agricultural Center PATERSON NSW 2421	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Mr Scott Carter Department of Primary Industries, Fisheries Port Stephens Fisheries Centre NELSON BAY NSW 2315	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Mr David Hillyard NSW Dams Safety Committee PO Box 3720 PARRAMATTA NSW 2124	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	The Manager Energy Australia PO Box 196 MUSWELLBROOK NSW 2333	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Trevor Wells Mt Owen Mine PO Box 320 SINGLETON NSW 2330	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Junburra Consulting 17/174 John Street SINGLETON NSW 2330	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8

29/07/2009	Lower Wonnarua Tribal Council 156 The Inlet Road BULGA NSW 2330	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Mr John Neely Manager, Bayswater Power Station Private Bag 2 MUSWELLBROOK NSW 2333	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Mr Gary Moore Mine Subsidence Board PO Box 524 SINGLETON NSW 2330	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Mr A Bowman 24 Hickson Street MEREWETHER NSW 2291	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Registrar of Aboriginal Owners Centennial Plaza Tower B SURREY HILLS NSW 2010	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Mr Vincent Munro AAPT (PowerTel Limited) Level 11, 55 Clarence Street SYDNEY NSW 2000	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Mr Nick Slater Technical Services Manager Ravensworth Operations PO Box 294 MUSWELLBROOK NSW 2333	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Mr John Pharrrell Manager, Land Use Development Operations and Services, Roads and Traffic Authority Locked Bag 30 NEWCASTLE NSW 2300	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Singleton Shire Council PO Box 314 SINGLETON NSW 2330 Attention: Mr Gary Woodman	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Mr Col McCarthy Network Integrity Services Telstra Cccorporation Ltd Locked Bag 5035 PARRAMATTA NSW 2124	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8

29/07/2009	Ungooroo Aboriginal Corporation PO Box 3095 SINGLETON NSW 2330	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Wattaka Wonnarua C. C Service 4 Kennedy Street SINGLETON NSW 2330	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Wonnarua Aboriginal Custodians Corporation 9 Lachlan Avenue SINGLETON NSW 2330	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Wonnarua Local Aboriginal Land Council PO Box 127 MUSWELLBROOK NSW 2333	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Yarrowalk Enterprises PO Box 906 MUSWELLBROOK NSW 2333	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Mrs Rebecca Akhurst Department of Environment and Climate Change PO Box 4886 NEWCASTLE NSW 2300	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Mr Feigus Hancock Department of Water & Energy PO Box 2213 DANGAR NSW 2309	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
29/07/2009	Mr Peter Ostermann Technical Services Manager Ravensworth Underground Mine PO Box 528 SINGLETON NSW 2330	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
4/08/2009	Letter to Yarrowalk Enterprises re: Notification of SMP Approval for LW5-9 & MW7-8 was returned to sender person had left address. Letter was sent to an old address. Letter was resent on the 10/08/2009 with correct address: 913 Wollombi Road WOLLOMBI NSW 2325	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
4/08/2009	Letter to Junburra Consulting re: Notification of SMP Approval for LW 5-9 & MW 7-8 was returned to send: Person Left Address. Letter had been addressed to an old address. Letter was resent to their current address on file on the 10/08/09 to : PO Box 3043 SINGLETON NSW 2330	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
18/08/2009	Letter to Yarrowalk Enterprises re: Notification of SMP Approval for LW5-9 & MW7-8 was returned to sender person not known at address. Spreadsheet was incorrect and it said WOLLOMBI instad of BROKE I called and spoke to Sarah and the address is 913 Wollombi Road BROKE NSW 2325. Resent and emailed through a copy to abco@bordernet.com.au	Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8

24/08/2009	Notification letter for the development of an aboriginal stakeholder register - for the Bowmans Creek report was sent to the following from Phil Fletcher: Singleton Shire Council DECC Office of the Registrar ALRA NSW Native Title Services Office of the Registrar of Aboriginal Owners	Bowmans Creek Diversion Project
25/08/2009	Correspondence was sent from Phil Fletcher inviting the following groups to register their interest in the project.	Bowmans Creek Diversion Project
25/08/2009	Aboriginal Native Title Elders Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
25/08/2009	Gidawaa Walang 76 Lang Street KURRI KURRI NSW 2327	Bowmans Creek Diversion Project
25/08/2009	Black Creek Aboriginal Corporation PO Box 168 KURRI KURRI NSW 2328	Bowmans Creek Diversion Project
25/08/2009	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
25/08/2009	Giwirr Consultants 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
25/08/2009	Hunter Valley Aboriginal Corporation PO Box 579 MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
25/08/2009	Hunter Valley Cultural Consultants 40 Humphries Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
25/08/2009	Hunter Valley Cultural Surveying 2/8 Mindaga Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
25/08/2009	Lower Hunter Wonnarua Council Inc Shop 2 145 Lang Street KURRI KURRI NSW 2327 Attn: Mr T Miller	Bowmans Creek Diversion Project
25/08/2009	Lower Wonnarua Tribal Consultancy Pty Ltd 156 The Inlet Road BULGA NSW 2330	Bowmans Creek Diversion Project

25/08/2009	Mimagen Wajaar Pty Ltd 7 Wybalena Close KILABEN BAY NSW 2283	Bowmans Creek Diversion Project
25/08/2009	St Clair Singleton Aboriginal Corporation PO Box 710 SINGLETON NSW 2330	Bowmans Creek Diversion Project
25/08/2009	Ungooroo Aboriginal Corporation PO Box 3095 SINGLETON NSW 2330	Bowmans Creek Diversion Project
25/08/2009	Wonnarua Elders Council PO Box 814 SINGLETON NSW 2330	Bowmans Creek Diversion Project
25/08/2009	Valley Culture 140 Sydney Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
25/08/2009	Wanarua Custodians 35 Acacia Circuit SINGLETON NSW 2330	Bowmans Creek Diversion Project
25/08/2009	Wattaka Wonnarua Cultural Consultancy Service 4 Kennedy Street SINGLETON NSW 2330	Bowmans Creek Diversion Project
25/08/2009	Wonnarua Culture Heritage 19 O'Donnell Crescent METFORD NSW 2323	Bowmans Creek Diversion Project
25/08/2009	Wonnarua Nations Aboriginal Corporation PO Box 3066 SINGLETON NSW 2330	Bowmans Creek Diversion Project
25/08/2009	Upper Hunter Wonnarua Council Inc PO Box 184 SINGLETON NSW 2330	Bowmans Creek Diversion Project
25/08/2009	Yamuloong Group Initiatives Ltd PO Box 2128 DANGAR NSW 2309	Bowmans Creek Diversion Project
25/08/2009	Mingga Consultants 11 Coolibah Close MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
25/08/2009	Yarrowalk Enterprises 913 Wollombi Road BROKE NSW 2330	Bowmans Creek Diversion Project
25/08/2009	Culturally Aware 7 Crawford Place MILLFIELD NSW 2325	Bowmans Creek Diversion Project

25/08/2009	Awabakal Traditional Owners Aboriginal Corporation PO Box 253 JESMOND NSW 2299	Bowmans Creek Diversion Project
25/08/2009	Muswellbrook Cultural Consultants 10 Scott Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
25/08/2009	Hunter Valley Natural and Cultural Resource Management 3/60 Tinsdale Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
25/08/2009	Wonn1 Contracting 619 Main Road GLEBE NSW 2285	Bowmans Creek Diversion Project
25/08/2009	Awabakal Descendants Traditional Owners Aboriginal Corporation PO Box 38 WALLABADAH NSW 2343	Bowmans Creek Diversion Project
25/08/2009	Ungooroo Cultural & Community Services 8 Blaxland Avenue SINGLETON NSW 2330	Bowmans Creek Diversion Project
25/08/2009	Yinarr Cultural Services 7 Cypress Place MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
26/08/2009	Wattaka Wonnarua Traditional Owner registered their interest in the Bowmans Creek Diversion report via letter faxed to Wells Environmental Services	Bowmans Creek Diversion Project
27/08/2009	Correspondence sent to all groups to advise that the closure date for registrations of interest are on the 25.09.09 not the 11.09.09. These groups were:	Bowmans Creek Diversion Project
27/08/2009	Aboriginal Native Title Elders Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
27/08/2009	Gidawaa Walang 76 Lang Street KURRI KURRI NSW 2327	Bowmans Creek Diversion Project
27/08/2009	Black Creek Aboriginal Corporation PO Box 168 KURRI KURRI NSW 2328	Bowmans Creek Diversion Project
27/08/2009	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
27/08/2009	Giwirr Consultants 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project

27/08/2009	Hunter Valley Aboriginal Corporation PO Box 579 MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
27/08/2009	Hunter Valley Cultural Consultants 40 Humphries Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
27/08/2009	Hunter Valley Cultural Surveying 2/8 Mindaga Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
27/08/2009	The General Manager Singleton Shire Council P.O Box 314 SINGLETON NSW 2330	Bowmans Creek Diversion Project
27/08/2009	Executive Director Operations Department of Environment and Climate Change Locked Bag 914 COFFS HARBOUR NSW 2450	Bowmans Creek Diversion Project
27/08/2009	The Office of the Registrar of Aboriginal Owners Department of Aboriginal Affairs Level, 13 Tower B 280 Elizabeth Street SYDNEY NSW 2000	Bowmans Creek Diversion Project
27/08/2009	The Notifications Officer Native Title Services P.O Box 2105 STRAWBERRY HILLS NSW 2012	Bowmans Creek Diversion Project
27/08/2009	Senior Project Officer Office of the Registrar, ALRA Tranby Aboriginal College P.O Box 112 GLEBE NSW 2037	Bowmans Creek Diversion Project
27/08/2009	Lower Hunter Wonnarua Council Inc Shop 2 145 Lang Street KURRI KURI NSW 2327 Attn: Mr T Miller	Bowmans Creek Diversion Project
27/08/2009	Lower Wonnarua Tribal Consultancy Pty Ltd 156 The Inlet Road BULGA NSW 2330	Bowmans Creek Diversion Project



27/08/2009	Mimagen Wajaar Pty Ltd 7 Wybalena Close KILABEN BAY NSW 2283	Bowmans Creek Diversion Project
27/08/2009	St Clair Singleton Aboriginal Corporation PO Box 710 SINGLETON NSW 2330	Bowmans Creek Diversion Project
27/08/2009	Ungooroo Aboriginal Corporation PO Box 3095 SINGLETON NSW 2330	Bowmans Creek Diversion Project
27/08/2009	Wonnarua Elders Council PO Box 814 SINGLETON NSW 2330	Bowmans Creek Diversion Project
27/08/2009	Valley Culture 140 Sydney Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
27/08/2009	Wanaruah Custodians 35 Acacia Circuit SINGLETON NSW 2330	Bowmans Creek Diversion Project
27/08/2009	Wattaka Wonnarua Cultural Consultancy Service 4 Kennedy Street SINGLETON NSW 2330	Bowmans Creek Diversion Project
27/08/2009	Wonnarua Culture Heritage 19 O'Donnell Crescent METFORD NSW 2323	Bowmans Creek Diversion Project
27/08/2009	Wonnarua National Aboriginal Corporation PO Box 3066 SINGLETON NSW 2330	Bowmans Creek Diversion Project
27/08/2009	Upper Hunter Wonnarua Council Inc PO Box 184 SINGLETON NSW 2330	Bowmans Creek Diversion Project
27/08/2009	Yamuloong Group Initiatives Ltd PO Box 2128 DANGAR NSW 2309	Bowmans Creek Diversion Project
27/08/2009	Mingga Consultants 11 Coolibah Close MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
27/08/2009	Yarrowalk Enterprises 913 Wollombi Road BROKE NSW 2330	Bowmans Creek Diversion Project
27/08/2009	Culturally Aware 7 Crawford Place MILLFIELD NSW 2325	Bowmans Creek Diversion Project

27/08/2009	Awabakal Traditional Owners Aboriginal Corporation PO Box 253 JESMOND NSW 2299		Bowmans Creek Diversion Project
27/08/2009	Muswellbrook Cultural Consultants 10 Scott Street MUSWELLBROOK NSW 2333		Bowmans Creek Diversion Project
27/08/2009	Hunter Valley Natural and Cultural Resource Management 3/60 Tinsdale Street MUSWELLBROOK NSW 2333		Bowmans Creek Diversion Project
27/08/2009	Wonn1 Contracting 619 Main Road GLEBE NSW 2285		Bowmans Creek Diversion Project
27/08/2009	Awabakal Descendants Traditional Owners Aboriginal Corporation PO Box 38 WALLABADAH NSW 2343		Bowmans Creek Diversion Project
27/08/2009	Ungooroo Cultural & Community Services 8 Blaxland Avenue SINGLETON NSW 2330		Bowmans Creek Diversion Project
27/08/2009	Yinarr Cultural Services 7 Cypress Place MUSWELLBROOK NSW 2333		Bowmans Creek Diversion Project
27/08/2009	Wonnarua Culture Heritage expressed their interest in the Bowmans Creek Diversion Project via fax to Wells Environmental Services.		Bowmans Creek Diversion Project
28/08/2009	Yarawalk Enterprises registered their interest in being an Aboriginal Stakeholder for the Bowmans Creek Diversion and other projects involved with the protection of items significant to the culture and heritage of Aboriginal people.		Bowmans Creek Diversion Project
29/08/2009	Kathleen Steward Kinchela (Yinarr Cultural Services) registered her interest via fax in the Ashton Coal Mines Projects as an Aboriginal Stakeholder Register		Ashton Coal Projects
31/08/2009	Courtney from the Register of Aboriginal Land Rights contacted Phil Fletcher today to confirm the location of Ashton Coal		Notification of Subsidence Management Plan Approval for Longwall 5-9 and Miniwalls 7-8
31/08/2009	Vicky from Wells faxed Kathleen Steward Kinchela of Yinarr Cultural Services in regards to receiving her application and paper work for registering her interest in Ashton Coal Projects		Ashton Coal Projects
1/09/2009	Luke Hickey of Hunter Valley Cultural Surveying registered their interest in being involved as an Aboriginal Stake holder for the Bowmans Creek Diversion.		Bowmans Creek Diversion Project
1/09/2009	Arthur Fletcher Wonn 1- registered interest via telephone to ACOL- for the Bowman Creek Diversion		Bowmans Creek Diversion Project
2/09/2009	The Awabakal Traditional Owners Aboriginal Corporation replied to the Notification of Interest for the Diversions to Bowmans Creek. Declining as it is not with in their Cultural Boundary.		Bowmans Creek Diversion Project
3/09/2009	Alan Wells emailed Peter Barton a telephone conversation summary of the happenings with Mr. Scott Frank in relation to his concern with the Bowmans Creek diversion and ACOL not consulting with him as a native title holder.		Longwall/ Mini Wall Panel no. 9 Project
3/09/2009	Courtney Field from the Register of Aboriginal Land Rights contacted Alan informing that there are not any Registered Aboriginal Owners, and insisted ACOL contacts Wanaruah Local Aboriginal Land Council.		Bowmans Creek Diversion Project

3/09/2009	Aboriginal Native Title Consultants registered their interest in being involved in the Aboriginal Stake holder Register for the Project Environmental Assistance Report and Subsistence Management Plan, Diversion of Bowmans Creek.	Bowmans Creek Diversion Project
4/09/2009	ACOL Sent Letter thanking for submission for registration of interest in Bowmans Creek Diversion Project.:	Bowmans Creek Diversion Project
4/09/2009	Yarrowalk Enterprises 913 Wollombi Road BROKE NSW 2330	Bowmans Creek Diversion Project
4/09/2009	Hunter Valley Cultural Surveying 2/8 Mindaga Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
4/09/2009	Wonn 1 Contracting 619 Main Road LENDALE NSW 2285	Bowmans Creek Diversion Project
4/09/2009	Wonnarua Culture Heritage 19 O'Donnell Crescent METFORD NSW 2323	Bowmans Creek Diversion Project
4/09/2009	Yinarr Cultural Services 7 Cypress Place MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
4/09/2009	Alan Wells replied to Awakabai Traditional Owners Aboriginal Corporation in regard to their letter declining their invitation to register interest in the Diversion of Bowman Creek Project.	Bowmans Creek Diversion Project
7/09/2009	Return to Sender: Lower Hunter Wonnarua Council Inc. Shop 2 145 Lang Street KURRI KURRI NSW 2327	Bowmans Creek Diversion Project
7/09/2009	Christine Matthews of Hunter Valley Cultural Consultants, Registered their interest in being involved in the Aboriginal Stake Holder Register for the Diversion of Bowmans Creek Diversion Project	Bowmans Creek Diversion Project
7/09/2009	Dairryl Matthews of Upper Hunter Heritage Consultants, Registered their interest in being involved in the Aboriginal Stakeholder Register for the Diversion of Bowmans Creek Diversion Project	Bowmans Creek Diversion Project
8/09/2009	Barry McTaggart of Yarrowalk Enterprises Registered their interest in being involved in the Aboriginal Stakeholder Register for the Diversion of Bowmans Creek Diversion Project	Bowmans Creek Diversion Project
8/09/2009	Annie Hickey of Gidawaa Walang registered their interest in being involved in the Aboriginal Stakeholder Register for Projects occurring at Ashton Coal.	Ashton Coal Projects
10/09/2009	Rhonda Ward of Ungooroo registered their interest in being involved in the Aboriginal Stakeholder Register for all upcoming ACOL Projects	Ashton Coal Projects
10/09/2009	Upper Hunter Wonnarua Council Inc registered their interest in being involved in the Aboriginal Stakeholder Register for Diversion of Bowmans Creek Diversion Project.	Bowmans Creek Diversion Project
11/09/2009	Email sent to Tom Miller, Tony Hanrahan & Keith to advise them of the time and date (23/09 at 9am) meeting for the Wonnarua Liasion Committee Meeting.	Wonnarua Liasion Committee
11/09/2009	Advertisement for expressions of interest for the Bowmans Creek Diversion Project were placed in The Sydney Morning Herald and The Singleton Argus	Bowmans Creek Diversion Project
14/09/2009	Fax Barry Anderson Notification of time and date (23/09 at 9am) for Wonnarua Liasion Committee Meeting.	Wonnarua Liasion Committee

14/09/2009	ACOL Sent Letter thanking for submitting registration of interest in Bowmans Creek Diversion Project.:	Bowmans Creek Diversion Project
14/09/2009	Wells Environmental Services sent letter to the following stakeholder groups thanking them for their registration of interest in the Bowmans Creek Diversion Project	Bowmans Creek Diversion Project
14/09/2009	Yarrowalk Enterprises 913 Wollombi Road BROKE NSW 2330	Bowmans Creek Diversion Project
14/09/2009	Gidawaa Walang 76 Lang Street KURRI KURRI NSW 2327	Bowmans Creek Diversion Project
14/09/2009	Ungooroo Aboriginal Corporation 8 Blaxland Avenue SINGLETON NSW 2330	Bowmans Creek Diversion Project
14/09/2009	Upper Hunter Wonnarua Council Inc P.O Box 184 SINGLETON NSW 2330	Bowmans Creek Diversion Project
14/09/2009	Aboriginal Native Title Consultants 16A Mahogany Ave MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
15/09/2009	Reginald Eveleigh of Wanaruah Custodians Aboriginal Corporation registered their interest in being included in the Aboriginal Stakeholder Register for Diversion of Bowmans Creek. Supplied his address as: P.O. Box 242 SINGLETON, 2330	Bowmans Creek Diversion Project
17/09/2009	Girwirr Consultants registered their interest in being involved in the Aboriginal Stakeholder Register for Diversion of Bowmans Creek Diversion Project	Bowmans Creek Diversion Project
17/09/2009	Girwirr Consultants registered their interest in the Bowmans Creek Diversion Project via email (Michele Stair).	Bowmans Creek Diversion Project
18/09/2009	Wells Environmental Services sent letter to the following stakeholder groups thanking them for their registration of interest in the Bowmans Creek Diversion Project	Bowmans Creek Diversion Project
18/09/2009	Giwir Consultants 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
18/09/2009	Wanaruah Custodians Aboriginal Corporation P.O Box 242 Singleton NSW 2330	Bowmans Creek Diversion Project
18/09/2009	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
18/09/2009	Hunter Valley Cultural Consultants 40 Humphries Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
18/09/2009	Cacatua Culture Consultants registered their interest in being included in the Aboriginal Stakeholder Register for the Diversion of Bowmans Creek with Wells Environmental Service via fax.	Bowmans Creek Diversion Project

22/09/2009	Ungooroo Aboriginal Coporation registered their interest in being involved in the Aboriginal Stakeholder Register for the Diversion for the Bowmans Creek Diversion Project.	Bowmans Creek Diversion Project
24/09/2009	Wells Environmental Services sent letter to the following stakeholder groups thanking them for their registration of interest in the Bowmans Creek Diversion Project:	Bowmans Creek Diversion Project
24/09/2009	Cacatua Culture Consultants 22 Ibis Parade WOODBERRY NSW 2322	Bowmans Creek Diversion Project
24/09/2009	The Manager Ungooroo Aboriginal Corporation (UAC) 26 George Street SINGLETON NSW 2330	Bowmans Creek Diversion Project
24/09/2009	Aboriginal Native Title Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
25/09/2009	Justin Matthews of Carrawonga Consultants registered in their interest in being involved in the Aboriginal Stakeholder Register for the Diversion of Bowmans Creek Diversion Project via fax to Wells Environmental Services.	Bowmans Creek Diversion Project
25/09/2009	Clifford Matthews of Mingga Consultants registered their interest in being involved in the Aboriginal Stakeholder Register for the Diversion of Bowmans Creek Diversion Project via fax to Wells Environmental Services.	Bowmans Creek Diversion Project
25/09/2009	Wells Environmental Services sent letter to the following stakeholder groups thanking them for their registration of interest in the Bowmans Creek Diversion Project:	Bowmans Creek Diversion Project
25/09/2009	Mingga Consultants 11 Coolibah Close MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
25/09/2009	Carrawonga Consultants 16B Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
25/09/2009	Culturally Aware 7 Crawford Place MILLFIELD NSW 2325	Bowmans Creek Diversion Project
25/09/2009	Lower Hunter Wonnarua Council Inc 51 Bowden Street HEDDON GRETA NSW 2321	Bowmans Creek Diversion Project
29/09/2009	Wells Environmental Services sent letter correspondence to the following stakeholder groups thanking them for their registration of interest in the Bowmans Creek Diversion Project and advising them that a stakeholder consultation meeting will be held at Ashton Coal offices on the 13/10/2009:	Bowmans Creek Diversion Project
29/09/2009	Ms Tracey Skene 7 Crawford Place MILLFIELD NSW 2325	Bowmans Creek Diversion Project

29/09/2009	Lower Hunter Wonnarua Council Inc 51 Bowden Street HEDDON GRETA NSW 2321	Bowmans Creek Diversion Project
29/09/2009	Mingaa Consultants 11 Coolibah Close MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
29/09/2009	Carrawonga Consultants 16B Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
29/09/2009	Ms Barbara Foot C/- Sarah Paddington Department of Environment, Climate Change and Water P.O Box 94 COFF HARBOUR NSW 2450	Bowmans Creek Diversion Project
29/09/2009	Mr S Franks P.O Box 1502 NORTH SYDNEY NSW 2060	Bowmans Creek Diversion Project
29/09/2009	Mr S Franks P.O Box 76 CARINGBAH NSW 1495	Bowmans Creek Diversion Project
29/09/2009	Aboriginal Native Title Consultants 16A Mahogany Ave MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
29/09/2009	Cacatua Culture Consultants 22 Ibis Parade WOODBERRY NSW 2322	Bowmans Creek Diversion Project
29/09/2009	Ungooroo Aboriginal Corporation 26 George Street SINGLETON NSW 2330	Bowmans Creek Diversion Project
29/09/2009	Giwir Consultants 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
29/09/2009	Wanaruah Custodians Aboriginal Corporation P.O Box 242 Singleton NSW 2330	Bowmans Creek Diversion Project
29/09/2009	Upper Hunter Wonnarua Council Inc PO Box 184 SINGLETON NSW 2330	Bowmans Creek Diversion Project
29/09/2009	Ungooroo Cultural and Community Services Inc. 8 Blaxland Avenue SINGLETON NSW 2330	Bowmans Creek Diversion Project

29/09/2009	Gidawaa Walang 76 Lang Street KURRI KURRI NSW 2327		Bowmans Creek Diversion Project
29/09/2009	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333		Bowmans Creek Diversion Project
29/09/2009	Hunter Valley Cultural Consultants 40 Humphries Street MUSWELLBROOK NSW 2333		Bowmans Creek Diversion Project
29/09/2009	Yarrawalk Enterprises 913 Wollombi Road BROKE NSW 2330		Bowmans Creek Diversion Project
29/09/2009	Hunter Valley Cultural Surveying 2/8 Mindaga Avenue MUSWELLBROOK NSW 2333		Bowmans Creek Diversion Project
29/09/2009	Wonn 1 Contracting 619 Main Road GLENDALE NSW 2285		Bowmans Creek Diversion Project
29/09/2009	Yinarr Cultural Services 7 Cypress Place MUSWELLBROOK NSW 2333		Bowmans Creek Diversion Project
29/09/2009	Wonnarua Culture Heritage 19 O'Donnell Crescent METFORD NSW 2323		Bowmans Creek Diversion Project
6/10/2009	Wanaruah Local Aboriginal Land Council registered their interest as an Aboriginal stakeholder for the Bowmans Creek Diversion Project to Wells Environmental Services via fax, and advised they will be attending for the Aboriginal Stakeholder Consultation Meeting to be held on Tuesday 13 October 2009, 10:30am at Ashton Coal offices.		Bowmans Creek Diversion Project
6/10/2009	Bulin Bullin Heritage Consultants (Lloyd Matthews) rang Wells Environmental Services and registered an interest in the Bowmans Creek Diversion Project.		Bowmans Creek Diversion Project
6/10/2009	Muswellbrook Cultural Consultants (Brian Matthews) rang Wells Environmental Services and registered an interest in the Bowmans Creek Diversion Project.		Bowmans Creek Diversion Project
7/10/2009	Wells Environmental Services sent letter via registered post correspondence to the following stakeholder groups thanking them for their registration of interest in the Bowmans Creek Diversion Project and sending each group a copy of the Insite Archaeological Report for the project and advising them that a stakeholder consultation meeting will be held at Ashton Coal offices on the 13/10/2010:		Bowmans Creek Diversion Project
7/10/2009	Wonnarua Culture Heritage 19 O'Donnell Crescent METFORD NSW 2323		Bowmans Creek Diversion Project

7/10/2009	Yinarr Cultural Services 7 Cypress Place MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
7/10/2009	Wonn1 Contracting 619 Main Road GLEBE NSW 2285	Bowmans Creek Diversion Project
7/10/2009	Hunter Valley Cultural Surveying 2/8 Mindaga Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
7/10/2009	Yarrowalk Enterprises 913 Wollombi Road BROKE NSW 2330	Bowmans Creek Diversion Project
7/10/2009	Hunter Valley Cultural Consultants 40 Humphries Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
7/10/2009	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
7/10/2009	Gidawaa Walang 76 Lang Street KURRI KURRI NSW 2327	Bowmans Creek Diversion Project
7/10/2009	Ungooroo Cultural & Community Services 8 Blaxland Avenue SINGLETON NSW 2330	Bowmans Creek Diversion Project
7/10/2009	Upper Hunter Wonnarua Council Inc PO Box 184 SINGLETON NSW 2330	Bowmans Creek Diversion Project
7/10/2009	Wanaruah Custodians 35 Acacia Circuit SINGLETON NSW 2330	Bowmans Creek Diversion Project
7/10/2009	Giwirr Consultants 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
7/10/2009	Ungooroo Aboriginal Corporation PO Box 3095 SINGLETON NSW 2330	Bowmans Creek Diversion Project



7/10/2009	Cacatua Culture Consultants 22 Ibis Parade WOODBERRY NSW 2322	Bowmans Creek Diversion Project
7/10/2009	Aboriginal Native Title Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
7/10/2009	Scott Franks PO Box 76 CARINGBAH NSW 1495	Bowmans Creek Diversion Project
7/10/2009	Scott Franks PO Box 1502	Bowmans Creek Diversion Project
7/10/2009	Barbara Foot 35 Acacia Street HUNTERVIEW NSW 2330	Bowmans Creek Diversion Project
7/10/2009	Carrawonga Consultants 16B Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
7/10/2009	Mingga Consultants 11 Coolibah Close MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
7/10/2009	Lower Hunter Wonnarua Council 51 Bowden Street HEDDON GRETA NSW 2321	Bowmans Creek Diversion Project
7/10/2009	Culturally Aware 7 Crawford Place MILLFIELD NSW 2325	Bowmans Creek Diversion Project
7/10/2009	Muswellbrook Cultural Consultants 10 Scott Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
7/10/2009	Bullen Bullen Heritage Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
7/10/2009	Wanaruah Local Aboriginal Land Council PO Box 127 MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
13/10/2009	Vicki from Wells Environmental Services contacted the following groups via telephone to check if they were attending the Bowmans Creek consultation meeting to be held at Ashton Coal offices on the 13/10/2009	Bowmans Creek Diversion Project

13/10/2009	Wonn 1 Contracting Spoke to Arthur who was out of the office. Asked that an email reminder be sent. Sent email to Arthur at 2.10pm. Arthur called advising he will attend the meeting	Bowmans Creek Diversion Project
13/10/2009	Hunter Valley Cultural Surveying Spoke to Luke, who said he will attend the meeting.	Bowmans Creek Diversion Project
13/10/2009	Yarrowalk Enterprises Left Message on both numbers mobile (0419 220 297) and land line (02) 6579 1185	Bowmans Creek Diversion Project
13/10/2009	Hunter Valley Cultural Consultants 11.32 am left message	Bowmans Creek Diversion Project
13/10/2009	Upper Hunter Heritage Consultants No. Answer	Bowmans Creek Diversion Project
13/10/2009	Ungooroo Cultural and Community Services Incorporated Number not connected mobile on record (0405 204 722)	Bowmans Creek Diversion Project
13/10/2009	Upper Hunter Wonnarua Council Inc Spoke to Roda. R Perry or Georgina will attend the meeting.	Bowmans Creek Diversion Project
13/10/2009	Wanaruah Custodians Aboriginal Corporation No number on file.	Bowmans Creek Diversion Project
13/10/2009	Ungooroo Aboriginal Corporation Left message on Taasha's mobile (0423 736 661) . Also sent email Taasha rang back to say Alan	Bowmans Creek Diversion Project
13/10/2009	Aboriginal Native Title Consultants Spoke to John, who will attend the meeting	Bowmans Creek Diversion Project
13/10/2009	Carrawonga Consultants Left message. 13/10/2009 Message left on answering machine stating that a representative will attend the meeting.	Bowmans Creek Diversion Project
13/10/2009	Mingga Consultants Left number.13/10/2009 Message left on answering machine stating that a representative will attend the meeting.	Bowmans Creek Diversion Project
13/10/2009	Tracey Skene Culturally Aware Left Message on mobile. Tracey rang back and advised she will attend the meeting.	Bowmans Creek Diversion Project
13/10/2009	Muswellbrook Cultural Consultants Spoke to Brian who will attend the meeting.	Bowmans Creek Diversion Project
13/10/2009	Bullen Bullen Heritage Consultants Spoke to John, who will pass on the message to Lloyd (registered contact for Bullen Bullen).	Bowmans Creek Diversion Project
8/10/2009	Sarah Paddington was contacted via email to notify her that Auntie Barbara has been invited to the meeting 13/10/2009, also forwarding an invite to Sarah.	Bowmans Creek Diversion Project
14/10/2009	Wonnarua Elders Council registered their interest in the Bowmans Creek Diversion Project via a letter in the post	Bowmans Creek Diversion Project
14/10/2009	Vicki from Wells contacted Arthur Fletcher of Wonn 1 to confirm whether he would be attending fieldwork on the 29th and 30th of Oct 2009.	Bowmans Creek Diversion Project
14/10/2009	Scott Franks of Biami sent Wells via email invoice for their attendance at the meeting 13/10/2009 .	Bowmans Creek Diversion Project
15/10/2009	Vicki from Wells contacted Scott Franks via email and informed him to re-address the invoice to ACOL.	Bowmans Creek Diversion Project
15/10/2009	Scott Franks of Biami sent Wells via email with re-addressed invoice for their attendance at the meeting 13/10/2009.	Bowmans Creek Diversion Project
16/10/2009	A copy of the Draft Archaeological assessment for the Bowmans Creek Diversion was sent to Wattaka Wonnarua Traditional Owners by email	Bowmans Creek Diversion Project
16/10/2009	Vicki from Wells emailed Des Hickey (Wattaka Wonnarua Cultural Consultants) a copy of Draft report for the Bowmans Creek Diversion	Bowmans Creek Diversion Project
19/10/2009	Valley Culture Registered their interest in being included in the Aboriginal Stakeholder Register for the Bowmans Creek Diversion Project to Wells Environmental services via fax.	Bowmans Creek Diversion Project
19/10/2009	Wells Environmental Services sent letters out to all the groups who attended the Bowmans Creek Diversion Project consultation meeting on the 13 October, 2009, providing information on the proposed workshop including date, time etc and objectives of the workshop. Letters were sent registered post and also via fax/email for certain groups (identified below). The letter was sent to the following groups:	Bowmans Creek Diversion Project

19/10/2009	Yinarr Cultural Services 7 Cypress Place MUSWELLBROOK NSW 2333		Bowmans Creek Diversion Project
19/10/2009	Wonn1 Contracting via email to arthurfletcher@gmail.com and wonn1sites@gmail.com and posted to: 619 Main Road GLENDALE NSW 2285		Bowmans Creek Diversion Project
19/10/2009	Yarrawalk Enterprises via email abco@bordernet.com.au and posted to: 913 Wollombi Road BROKE NSW 2330		Bowmans Creek Diversion Project
19/10/2009	Ungooroo Aboriginal Corporation via email taasha@ungooroo.com.au and posted to: 26 George Street SINGLETON NSW 2330		Bowmans Creek Diversion Project
19/10/2009	Cacatua Culture Consultants via email cacatua@reset.dsl.net.au and posted to: 22 Ibis Parade WOODBERRY NSW 2322		Bowmans Creek Diversion Project
19/10/2009	Scott Franks via email biami@tpg.com.au and posted to: PO Box 1502 NORTH SYDNEY NSW 2060 AND PO Box 76 CARINGBAH NSW 1495		Bowmans Creek Diversion Project
19/10/2009	Culturally Aware via email anigunya@hotmail.com and posted to: 7 Crawford Place MILLFIELD NSW 2325		Bowmans Creek Diversion Project
19/10/2009	Wonnarua Nations Aboriginal Corporation via email to l.perry@optusnet.com.au and posted to: PO Box 3066 SINGLETON DELIVERY NSW 2330		Bowmans Creek Diversion Project
19/10/2009	Wonnarua Culture Heritage 19 O'Donnell Crescent METFORD NSW 2323		Bowmans Creek Diversion Project

19/10/2009	Hunter Valley Cultural Consultants 40 Humphries Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
19/10/2009	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
19/10/2009	Gidawaa Walang via fax on (02) 4936 4449 and posted to: 76 Lang Street KURRI KURRI NSW 2327	Bowmans Creek Diversion Project
19/10/2009	Ungooroo Cultural & Community Services 8 Blaxland Avenue SINGLETON NSW 2330	Bowmans Creek Diversion Project
19/10/2009	Wanaruah Custodians Aboriginal Corporation PO Box 242 SINGLETON NSW 2330	Bowmans Creek Diversion Project
19/10/2009	Giwirr Consultants via fax on (02) 6541 0751 and posted to: 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
19/10/2009	Aboriginal Native Title Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
19/10/2009	Barbara Foot 35 Acacia Street SINGLETON NSW 2330	Bowmans Creek Diversion Project
19/10/2009	Carrawonga Consultants 16B Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
19/10/2009	Mingga Consultants 11 Coolibah Close MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
19/10/2009	Lower Hunter Wonnarua Council 51 Bowden Street HEDDON GRETA NSW 2321	Bowmans Creek Diversion Project
19/10/2009	Muswellbrook Cultural Consultants 10 Scott Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
19/10/2009	Bullen Bullen Heritage Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
19/10/2009	Wanaruah Local Aboriginal Land Council via fax on (02) 6542 5377 and posted to: PO Box 127 MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project

19/10/2009	Valley Culture via fax on (02) 6542 5652 and posted to: 140 Sydney Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
19/10/2009	Upper Hunter Wonnarua Council Inc via fax and posted to: PO Box 184 SINGLETON NSW 2330	Bowmans Creek Diversion Project
19/10/2009	Letter sent to the following stakeholder group from Wells Environmental Services inviting them to participate in additional consultation on the 27/10/2009 regarding an update of the geomorphic study on Glennies Creek and the SEOC EA process	SEOC Project & Bowmans Creek Diversion Project
19/10/2009	Alan Wells from Wells Environmental Services received a call from Mr Larry Van Vliet of Valley Culture. Larry asked why he hadn't been involved in the SEOC project. Alan explained notices had been placed in various newspapers regarding the project(s). Larry stated he would like to be involved in the SEOC. Alan asked him to fax registrations of interest through for both the SEOC and Bowmans Creek and that they would be included as late registrations.	SEOC Project & Bowmans Creek Diversion Project
19/10/2009	Fax received from Valley Culture (Mr Larry Van Vliet) by Wells Environmental Services registering his interest in the SEOC & Bowmans Creek Diversion project.	SEOC Project & Bowmans Creek Diversion Project
19/10/2009	Alan Wells contacted Scott Franks on 0404 171 544 regarding the Bowmans Creek Diversion Project. Alan sought clarification regarding Scott Franks' registration for the project. Alan advised Scott that following the meeting at ACOL that a number of issues had come up regarding his registration, these being; 1. Initial registration is as Scott Franks 2. At the meeting on 13 October, 2009 he spoke on behalf of Yarrowalk 3. Invoice sent on behalf of Biami Pty Ltd After discussing the matter with Scott he advised that he was acting on behalf of S Franks and wanted the stakeholder registration to continue as Scott Franks not Yarrowalk and Barry McTaggart and possibly Barry French would represent Yarrowalk.	Bowmans Creek Diversion Project
19/10/2009	In relation to the Biami invoice he would send a fresh invoice on behalf of Scott Franks. Scott questioned the hourly rates and travel that ACOL had agreed to pay the groups. Alan advised Scott that the agreed rates were for all involved in the project and there would be no special rates for any individuals or groups. Scott advised that he was not sure whether he would attend the workshop but would deliver by way of "third party" documentation that should be read to the attendee's at the workshop.	Bowmans Creek Diversion Project
19/10/2009	Vicki from Wells Environmental Services contacted the following groups via telephone to check if they were attending the Bowmans Creek Diversion Indigenous workshop to be held on the 24/10/2009	Bowmans Creek Diversion Project
19/10/2009	Wonnarua Culture Heritage Todd will attend.	Bowmans Creek Diversion Project
19/10/2009	Yinarrr Cultural Service Spoke to Kathy, may or may not attend the workshop.	Bowmans Creek Diversion Project
19/10/2009	Wonn 1 Contracting 14.58pm – Spoke to Arthur, 2 representatives will be attending the workshop.	Bowmans Creek Diversion Project
19/10/2009	Hunter Valley Cultural Surveying 15.29pm – Left number via 'SMS'.	Bowmans Creek Diversion Project
19/10/2009	Hunter Valley Cultural Consultants 15.05pm – Spoke to Christine, unsure whether she will attend.	Bowmans Creek Diversion Project
19/10/2009	Upper Hunter Heritage Consultants 15.31pm – Left message on mobile.	Bowmans Creek Diversion Project
19/10/2009	Gidawaa Walang 14.19pm - Spoke to Annie. Unsure if anyone will attend workshop, will get back to me.	Bowmans Creek Diversion Project
19/10/2009	Ungooroo Cultural and Community Services Incorporated 13.56pm - Dialed mobile number, message came back "The number you have called is not connected, please try number and call again".	Bowmans Creek Diversion Project
19/10/2009	Upper Hunter Wonnarua Council Inc Spoke to Rhoda, someone may or may not attend.	Bowmans Creek Diversion Project
19/10/2009	Wanarah Custodians Aboriginal Corporation No number given.	Bowmans Creek Diversion Project
19/10/2009	Giwirri Consultants Left Message on mobile.	Bowmans Creek Diversion Project

19/10/2009	Ungooroo Aboriginal Corporation 14.24pm - Spoke to Taasha. Unsure whether anyone will attend workshop.	Bowmans Creek Diversion Project
19/10/2009	Cacatua Culture Consultants 14.37pm - Spoke to Ashley, left message for Donna to ring back.	Bowmans Creek Diversion Project
19/10/2009	Aboriginal Native Title Consultants 15.33pm - Spoke to Margaret, someone will attend the workshops.	Bowmans Creek Diversion Project
19/10/2009	Alan Wells rang and spoke to Scott Franks he advised he will not be attending the workshop.	Bowmans Creek Diversion Project
19/10/2009	Carrawonga Consultants left message on mobile.	Bowmans Creek Diversion Project
19/10/2009	Tracey Skene Culturally Aware Unsure if she will be attending the workshop will get back to me.	Bowmans Creek Diversion Project
19/10/2009	Lower Hunter Wonnarua Council spoke to Tom he advised he will not be attending the workshop.	Bowmans Creek Diversion Project
19/10/2009	Muswellbrook Cultural Consultants 15.58pm - Spoke to Brian, a representative will attend the workshops.	Bowmans Creek Diversion Project
19/10/2009	Bullin Bullin - spoke to Margaret she will pass on the message	Bowmans Creek Diversion Project
19/10/2009	Wanaruah Local Aboriginal Land Council - spoke to Suzie she advised a representative will not be attending the workshop.	Bowmans Creek Diversion Project
19/10/2009	Spoke to Wonnarua Nations Aboriginal Corporation - they requested information to be emailed to them. Once they receive the information they will advise if a representative will be attending.	Bowmans Creek Diversion Project
20/10/2009	Alan Paget rang office will be attending the workshop on behalf of Ungooroo Aboriginal Corporation	Bowmans Creek Diversion Project
20/10/2009	Donna from Cacautia Culture Consultant returned my call, and will be attending the workshop.	Bowmans Creek Diversion Project
21/10/2009	Vicki from Wells Environmental Services contacted the following groups via telephone who had not responded to previous attempt made to contact them via telephone to check if they were attending the Bowmans Creek Diversion Indigenous workshop to be held on the 24/10/2009	Bowmans Creek Diversion Project
21/10/2009	Yinarr Cultural Service 2.07pm - Spoke to Kathy, unable to attend the workshops.	Bowmans Creek Diversion Project
21/10/2009	Hunter Valley Cultural Surveying 2.10pm - Left number via "SMS" - 2.38pm - Luke returned my call, will be attending the workshop.	Bowmans Creek Diversion Project
21/10/2009	Yarrawalk Enterprises 3.41pm - Spoke to Barry McTaggart. Barry Stated that it is not fair that the groups are not being paid for the workshop. No Pay means ACOL are not asking for proper input. He will not be sending a representative to the workshop.	Bowmans Creek Diversion Project
21/10/2009	Hunter Valley Cultural Consultants 15.05pm - Left message on mobile.	Bowmans Creek Diversion Project
21/10/2009	Upper Hunter Heritage Consultants Spoke to Darrel Matthews, a representative will attend the workshop.	Bowmans Creek Diversion Project
21/10/2009	Gidawaa Walang 2.18pm - Will not be able to attend the workshops.	Bowmans Creek Diversion Project
21/10/2009	Upper Hunter Wonnarua Council Inc 2.21pm - No answer.	Bowmans Creek Diversion Project
21/10/2009	Giwiirr Consultants 2.23pm - Left message on mobile. 3.22pm - Rodney rang back and advised he will not be attending workshop.	Bowmans Creek Diversion Project
21/10/2009	Carrawonga Consultants 15.50pm - Justin advised he will attend the workshop.	Bowmans Creek Diversion Project
21/10/2009	Mingga Consultants 15.57pm - Rang 0437 091 527 - "Optus advises that the number you have dialled has been disconnected."	Bowmans Creek Diversion Project
21/10/2009	Culturally Aware - Tracey Skene will not be attending workshop.	Bowmans Creek Diversion Project
21/10/2009	Muswellbrook Cultural Consultants 15.58pm - Spoke to Brian, a representative will attend the workshops.	Bowmans Creek Diversion Project
21/10/2009	Valley Culture spoke to Larry Van Vliet advised he will not be attending fieldwork.	Bowmans Creek Diversion Project
21/10/2009	Lisa phoned the following groups for confirmation of attendance at workshop and ask groups whether a one day workshop would be sufficient	Bowmans Creek Diversion Project
21/10/2009	Wonnarua Culture Heritage 5.20pm - Gordon was ok with a one day workshop and with project archaeologist attending. Asked why all groups where not coming they all want to stop diversion don't they? Stated it was because it is unpaid.	Bowmans Creek Diversion Project
21/10/2009	Wonn 1 Contracting 5.30pm - Arthur is ok with the one day workshop instead and with archaeologist attending.	Bowmans Creek Diversion Project

21/10/2009	Hunter Valley Cultural Surveying Luke – Is ok with Saturday only, insist that archaeologist attend.	Bowmans Creek Diversion Project
21/10/2009	Hunter Valley Cultural Consultants 15.05pm – Spoke to Christine, unsure whether she will attend.	Bowmans Creek Diversion Project
21/10/2009	Upper Hunter Heritage Consultants 6.02pm – Ok with just a one day workshop and with archaeologist attending.	Bowmans Creek Diversion Project
21/10/2009	Wanaruah Custodians Aboriginal Corporation No number given.	Bowmans Creek Diversion Project
21/10/2009	Giwiirr Consultants Left Message on mobile.	Bowmans Creek Diversion Project
21/10/2009	Ungooroo Aboriginal Corporation 6.03pm – Left a message	Bowmans Creek Diversion Project
21/10/2009	Cacatua Culture Consultants Left a message	Bowmans Creek Diversion Project
21/10/2009	Aboriginal Native Title Consultants 6.10pm – Is now not attending. Do not want workshop, giving too much money to Perry's.	Bowmans Creek Diversion Project
21/10/2009	Carrawonga Consultants 6.17pm – Ok with one day workshop, also ok for archaeologist to attend.	Bowmans Creek Diversion Project
21/10/2009	Muswellbrook Cultural Consultants Sent No. Via "sms".	Bowmans Creek Diversion Project
26/10/2009	Lisa Richards received an email from B Campany that were letters handed to her at the indigenous workshop on the 24/10/09 responding to Bowmans Creek Diversion Project on behalf of Tocomwall and Rhoda Perry on behalf of the Wonnarua people . Rhoda Perrys letter detailed concerns the Wonnarua people due to the significance of the area to the local aboriginal community, specifically the grinding groves and confirmation of fish traps in the area. The letter also highlighted the concern of the conservation and protection of the grinding groves and the importance of the involvement of the local Aboriginal community in the completion of management plans for the area.	
2/11/2009	Scott Franks letter of submission on behalf of Tocomwall detailed the importance of the area to his family and its place in a song line. The letter also discusses teh cultural heritage of the general area and requests that the DECCW does not issue any section 90's until a full audit is completed in the Hunter Valley detailing the Aboriginal cultural significance of the area.	Bowmans Creek Diversion Project
2/11/2009	Minutes of the Aboriginal Consultation Meeting and attendance sheet for the Bowmans Creek Diversion Project were sent to the following groups via registered post	Bowmans Creek Diversion Project
2/11/2009	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
2/11/2009	Aboriginal Native Title Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2330	Bowmans Creek Diversion Project
2/11/2009	Wonnarua Culture Heritage 19 O'Donnell Crescent METFORD NSW 2323	Bowmans Creek Diversion Project
2/11/2009	Yinarr Cultural Services 7 Cypress Place MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
2/11/2009	Wonn1 Contracting 619 Main Road GLEBE NSW 2285	Bowmans Creek Diversion Project
		Bowmans Creek Diversion Project

2/11/2009	Hunter Valley Cultural Surveying 2/8 Midanga Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
2/11/2009	Yarrowalk Enterprises 913 Wollombi Road BROKE NSW 2333	Bowmans Creek Diversion Project
2/11/2009	Hunter Valley Cultural Consultants 40 Humphries Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
2/11/2009	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
2/11/2009	Gidawaa Walang 76 Lang Street KURRI KURRI NSW 2327	Bowmans Creek Diversion Project
2/11/2009	Ungooroo Cultural & Community Services 8 Blaxland Avenue SINGLETON NSW 2330	Bowmans Creek Diversion Project
2/11/2009	Upper Hunter Wonnarua Council Inc PO Box 184 SINGLETON NSW 2330	Bowmans Creek Diversion Project
2/11/2009	Wanaruah Custodians Aboriginal Corporation PO Box 242 SINGLETON NSW 2330	Bowmans Creek Diversion Project
2/11/2009	Giwirr Consultants 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
2/11/2009	Ungooroo Aboriginal Corporation 26 George Street SINGLETON NSW 2330	Bowmans Creek Diversion Project
2/11/2009	Cacatua Culture Consultants 22 Ibis Parade WOODBERRY NSW 2322	Bowmans Creek Diversion Project
2/11/2009	Aboriginal Native Title Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2330	Bowmans Creek Diversion Project
2/11/2009	Mr S Franks PO Box 76 CARINGABAH NSW 1495	Bowmans Creek Diversion Project
2/11/2009	Scott Franks PO Box 1502 NORTH SYDNEY NSW 2060	Bowmans Creek Diversion Project



2/11/2009	Carrawonga Consultants 16B Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
2/11/2009	Mingga Consultants 11 Coolibah Close MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
2/11/2009	Lower Hunter Wonnarua Council 51 Bowden Street HEDDON GRETA NSW 2321	Bowmans Creek Diversion Project
2/11/2009	Culturally Aware 7 Crawford Place MILLFIELD NSW 2330	Bowmans Creek Diversion Project
2/11/2009	Muswellbrook Cultural Consultants 10 Scott Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
2/11/2009	Bullen Bullen Heritage Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
2/11/2009	Wanarua Local Aboriginal Land Council PO Box 127 MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
2/11/2009	Wonnarua Nations Aboriginal Corporation PO Box 3066 SINGLETON NSW 2330	Bowmans Creek Diversion Project
2/11/2009	Tocomwall Pty Ltd (Scott Franks) PO Box 76 CARINGBAH NSW 1495	Bowmans Creek Diversion Project
2/11/2009	Valley Culture 140 Sydney Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
2/11/2009	Ms B Foot 35 Acacia Street HUNTERVIEW NSW 2330	Bowmans Creek Diversion Project
2/11/2009	Giwirr Consultants 8 Fitzgerald Ave MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
2/11/2009	Wonn 1 Contracting 619 Main Road GLENDALE NSW 2285	Bowmans Creek Diversion Project
13/11/2009	Noel Downs faxed Alan Wells to notify that Noel Downs and Suzie Worth will not be able to attend the workshop being held Nov 24-25. He expects ACOL to run another workshop for themselves and others whom are unable to attend in order to express their views.	Bowmans Creek Diversion Project

16/11/2009	Wells Environmental Service received an email from Warruuh Local Aboriginal Land Council (WLALC) with a letter advising that a consultant will not be available to attend the Bowmans Creek Diversion Workshop on the 24-25/10 therefore WLALC request another workshop to be held so they can attend and express their views	Bowmans Creek Diversion Project
18/11/2009	Return to sender- Registered post had been unclaimed: Aboriginal Stakeholder consultation meeting held on 13 October, 2009 at Ashton Coal Mine - Minutes of Meeting- Bowmans Creek Diversion Project:	Bowmans Creek Diversion Project
18/11/2009	Valley Culture 140 Sydney Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
18/11/2009	Aboriginal Native Title Consultants 16A Mahogany Ave MUSWELLBROOK NSW 2330	Bowmans Creek Diversion Project
18/11/2009	Bullen Bullen Heritage Consultants 16A Mahogany Ave MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
18/11/2009	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
18/11/2009	Valley Culture 140 Sydney Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
18/11/2009	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
18/11/2009	Wonn 1 Contracting 319 Maind Road GLENDALE NSW 2285	Bowmans Creek Diversion Project

6/12/2009	<p>Barbara Campany from Campany Communication emailed Lisa Richards advising her of the following:</p> <p>Hi Lisa</p> <p>I got a phone call out of the blue from Scott Franks on Friday afternoon about 4pm (he did not attend the workshop in October). We spoke for about 20 minutes (he did most of the talking).</p> <p>He advised me that he was lodging a Section 9 and 10 under the Aboriginal and Torres Strait Islander Protection Act (1994) regarding Ashton Coal's Bowmans Creek diversion application lodged with DoP. He said the purpose of the workshop was to capture oral history. I explained that my understanding was to capture feedback on the archaeological report prepared by Angela. He said Angela had no right to be there. I argued that Angela was there to provide context for Marcus and I.</p> <p>He was clearly upset. I explained to him that I was not involved in any other process other than to provide facilitation for the indigenous groups in regard to the Archaeological assessment; that the outcomes report was based on the discussion had that day, and that those who attended all had a legitimate role at the table. He argued the legitimacy of a number of attendees, and again I explained that that was an entirely separate discussion and I did not have a role to play other than to facilitate this session with those who were present.</p> <p>He eventually calmed down. I think he just phoned me as he had just read the report, and was mad about denials of fish traps in the creek etc, and the Perry involvement at Ashton Coal. There are obviously a number of drivers that are causing his anger to flare. He acknowledged that the paper prepared was well written and he apologised for getting so mad.</p> <p>I said I would let you know that he had called and would pass on these comment to you.</p>	Bowmans Creek Diversion Project
10/03/2010	<p>Letter sent to all registered Bowmans Creek Diversion Project stakeholders regarding the field walkover of the project area to be held from Tuesday March 30 - Thursday 1 April. A invitation to participate was sent to the following groups:</p>	Bowmans Creek Diversion Project
10/03/2010	<p>Kathleen Kinchella Yinarr Cultural Services 111 Westwood Road GUNAL NSW 2333</p>	Bowmans Creek Diversion Project
10/03/2010	<p>Scott Franks Tocomwall PO Box 76 CARINGBAH NSW 1495</p>	Bowmans Creek Diversion Project

10/03/2010	Tom Miller Lower Hunter Wonnarua Council 51 Bowden Street HEDDON GRETA NSW 2321	Bowmans Creek Diversion Project
10/03/2010	Michele Stair Girwirr Consultants 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
10/03/2010	Anne Hickey Gidwaa Walang 76 Lang Street KURRI KURRI NSW 2327	Bowmans Creek Diversion Project
10/03/2010	Gordon Griffith Wonnarua Culture Heritage 19 O'Donnell Crescent METFORD NSW 2323	Bowmans Creek Diversion Project
10/03/2010	Tracey Skene Culturally Aware 7 Crawford Place MILLFIELD NSW 2325	Bowmans Creek Diversion Project
10/03/2010	Margaret & John Matthews Aboriginal Native Title Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
10/03/2010	Brian Matthews Muswellbrook Cultural Consultants 10 Scott Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
10/03/2010	Darre Matthews Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
10/03/2010	Colleen Stair Hunter Valley Cultural Consultants 40 Humphries Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
10/03/2010	Liyod Matthews Bullen Bullen Heritage 16A Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project

10/03/2010	Suzie Worth Wanaruah Local Aboriginal Land Council PO Box 127 MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
10/03/2010	Barry McTaggart Yarrawalk Enterprises 913 Wollombi Road BROKE NSW 2330	Bowmans Creek Diversion Project
10/03/2010	Cheryl Matthews Carrawonga Consultants 16B Mahogany Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
10/03/2010	Clifford Matthews Mingga Consultants 11 Coolibah Close MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
10/03/2010	Arthur Fletcher Wonnarua Nation 619 Main Road GLENDALE NSW 2285	Bowmans Creek Diversion Project
10/03/2010	Mark Hickey WTO 3/11 Stringbark Street METFORD NSW 2323	Bowmans Creek Diversion Project
10/03/2010	Luke Hickey Hunter Valley Cultural Surveying 2/8 Mindanga Avenue MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
10/03/2010	Allen Paget Ungooroo Aboriginal Corporation 26 George Street SINGLETON NSW 2330	Bowmans Creek Diversion Project
10/03/2010	Sandra Miller Wonnarua Nation PO Box 3066 SINGLETON DELIVERY NSW 2330	Bowmans Creek Diversion Project
10/03/2010	Des Hickey Wattaka Cultural Consultant Services 4 Kennedy Street SINGLETON NSW 2330	Bowmans Creek Diversion Project

10/03/2010	George Sampson Cacatua Cultural Consultants 22 Ibis Parade WOODBERRY NSW 2322	Bowmans Creek Diversion Project
10/03/2010	Rhoda Perry Upper Hunter Wonnarua Council Inc PO Box 184 SINGLETON NSW 2330	Bowmans Creek Diversion Project
10/03/2010	Laurie Perry Wonnarua Nations Aboriginal Corporation PO Box 3066 SINGLETON NSW 2330	Bowmans Creek Diversion Project
10/03/2010	Larry Van Vliet Valley Culture 140 Sydney Street MUSWELLBROOK NSW 2333	Bowmans Creek Diversion Project
10/03/2010	Barbara Foot Wanaruah Custodians 35 Acacia Street SINGLETON NSW 2330	Bowmans Creek Diversion Project
10/03/2010	David Foot Wanaruah Custodians 35 Acacia Street SINGLETON NSW 2330	Bowmans Creek Diversion Project
10/03/2010	Rhonda & Samantha Ward Ungooroo Cultural & Community Services 8 Blaxland Avenue SINGLETON NSW 2330	Bowmans Creek Diversion Project
10/03/2010	Arthur Fletcher Wonn1 Contracting 619 Main Road GLENDALE NSW 2285	Bowmans Creek Diversion Project
12/03/2010	Arthur Fletcher called to register his interest for the Bowmans Creek Diversion field walkover. He had no group preferences to conduct the inspection with and would like to complete it on Tuesday 30 March in the morning session.	Bowmans Creek Diversion Project
15/03/2010	Scott Franks left a message on my phone yesterday regarding the Bowmans Creek field walkover letter. He introduced himself as Tocomwall / Yarrowalk and commented on the purpose of the walkover and asked me to identify who the Wonnarua people are out of the 38 registered groups in the Hunter valley. Scott said that out of these groups there are only 2 descendants recognized by genealogy and native title services. He said he wanted me to identify who the two groups were out of the 38 so that the report did not reflect 38 Wonnarua descendants when there are only 2. He requested a response via mobile or email (preferably email)	Bowmans Creek Diversion Project

15/03/2010	Called Tracey Skene (Culturally Aware) on numbers on file (4998 0053 & mobile 0447 226 595) landline is not connected and her mobile number is dialled the phone is silent then it hung up.	Bowmans Creek Diversion Project
15/03/2010	Called Ungooroo Cultural & Community Services to confirm they had received Bowmans Creek Diversion Field walkover invitation mobile number on file (0405 204 722) is no longer connected.	Bowmans Creek Diversion Project
15/03/2010	Called Wanaruah Local Aboriginal Land Council to confirm they had received Bowmans Creek Diversion Field walkover invitation. Spoke to Noel he had only received it today. Advised someone would be attended and that they are against the proposal and would not have approved underground mining to be conducted if he had known the creek would be moved. I told him stakeholders are encouraged to submit letters regarding the diversion. He said he would confirm who would be coming out in the next couple of days.	Bowmans Creek Diversion Project
15/03/2010	Called Wannarua Culture Heritage to confirm they had received Bowmans Creek Diversion Field walkover invitation. I spoke to Gordon and he asked who was coming and how many groups had responded. He asked me to give him a call back in the next couple of days and he would let me know if he was coming or not.	Bowmans Creek Diversion Project
15/03/2010	Called Aboriginal Native Title Consultants to confirm they had received Bowmans Creek Diversion Field walkover invitation. I spoke to Margaret and she said she did not think she would be coming due to the fact it is unpaid. She was upset at the fact the walkover was not a paid activity and said she was born around the area and was sick of tired of groups getting pushed to the side. She asked if the archaeologists were being paid and that it was not only her other people (no names) are sick and tired of being pushed to the side. I said I understand her concern and that the walkover is an opportunity to provide oral history of the Bowmans Creek area she said she may come and to call her back to confirm.	Bowmans Creek Diversion Project
15/03/2010	Called Ungooroo Aboriginal Corporation to confirm they had received Bowmans Creek Diversion Field walkover invitation. Spoke to Tasha and she advised Allen Paget would be attending on the 30/3 morning session. He had no group preferences so who he conducted the inspection with and she would send me through an email to confirm this information.	Bowmans Creek Diversion Project
15/03/2010	Called Hunter Valley Cultural Surveying to confirm they had received Bowmans Creek Diversion Field walkover invitation. Rang landline and it went to the fax machine.	Bowmans Creek Diversion Project
17/03/2010	Received a Bowmans Creek Field walkover registration form for Wonn1 Contracting. Arthur Fletcher will be the representative attending.	Bowmans Creek Diversion Project
22/03/2010	Received a Bowmans Creek Field walkover registration form for Yarrowalk Enterprises. Barry French will be attending on behalf of Yarrowalk and Barry McTaggart put down his contact details as the main contact person for Yarrowalk.	Bowmans Creek Diversion Project
22/03/2010	Received a Bowmans Creek Field walkover registration form for Wanaruah Local Aboriginal Land Council. Suzie Worth will be the representative attending.	Bowmans Creek Diversion Project
22/03/2010	Got another contact number for Tracey Skene off Angela Besant (0458 983 941 updated on filing system) left a message and asked her to contact me if she would like to attend the field walkover.	Bowmans Creek Diversion Project
22/03/2010	As per Gordon's request I called back Wannarua Cultural Heritage to see he would be attending the Bowmans Creek field walkover. He was driving so he asked me to call back. I called Gordon back around half an hour later and asked if he would be attending he was hard to hear and he will let me know by Wednesday if he will be attending. He asked again how many groups and who was attending the field walkover.	Bowmans Creek Diversion Project
22/03/2010	Called Giwirr Consultants to confirm they had received Bowmans Creek Diversion Field walkover invitation. Spoke to Rodney who said he would let Michelle know about the fieldwork I asked him to tell Michelle to let me know by Wednesday if she would be attending the fieldwork.	Bowmans Creek Diversion Project

22/03/2010	Called Upper Hunter Heritage Consultants to ask if they would be attending the Bowmans Creek Diversion Field walkover. Left a message on their answering machine (mobile number 0439 556 641).	Bowmans Creek Diversion Project
22/03/2010	Called Gidawaa Walang to confirm they had received Bowmans Creek Diversion Field walkover invitation. Spoke to Annie and she advised she is unable to attend as she has other site work on at the same time. Annie said she would prefer to not attend to make room for other stakeholders who were quite vocal at the first stakeholder meeting held on the 13 October at Ashton coal offices, however she said she would still like to be involved in the project. Annie also said that she would prefer the elders attend to provide information on the area. I asked her which elders she think should attend I told her who was coming and she said that Barry French (who is representing Yarrowalk) knew alot about the area and she was happy with him attending as he new alot about the history prior to when the cultural heritage work started.	Bowmans Creek Diversion Project
22/03/2010	Called Cacatua Culture Consultants to ask if they would be attending the Bowmans Creek Diversion Field walkover. Spoke to Donna she cannot attend due to study commitments. Donna said she would send through a Cacatua comments about the project via email.	Bowmans Creek Diversion Project
22/03/2010	Called Hunter Valley Cultural Consultants to ask if they would be attending the Bowmans Creek Diversion Field walkover. Spoke to Christine she advised that she had other field work on on the days of the walkover. She also commented that Colleen (Stair) also had work on so she did not think she would be able to get a representative there. I asked her to let me know by the Wednesday the 24/03 to let me know if anyone would be coming.	Bowmans Creek Diversion Project
22/03/2010	Called Wonnarau Nations Aboriginal Corporation s to ask if they would be attending the Bowmans Creek Diversion Field walkover. Spoke to Laurie Perry he advised Arthur Fletcher would be out for the Nation I said to him that Arthur said maybe someone else would be coming, Laurie said oh yeah Maree might be coming out however he did not seem to know anything about it or he said maybe Mum (Rhoda of Upper Hunter Wonnarua Council) would be coming out (Rhoda was there with him and she commented in the background she would find someone to come out). I asked him to pass onto Rhoda that she needs to get back to me before Wednesday and let me know. He then asked to speak to Sherry Russell so I put him through.	Bowmans Creek Diversion Project
22/03/2010	Called Lower Hunter Wonnarau Council to ask if they would be attending the Bowmans Creek Diversion Field walkover. The land line number (4937 2455) came up as could not be connected. I tried Tom's mobile (0402 636 521) he said he was not at home and he would call me back when he gets home.	Bowmans Creek Diversion Project
22/03/2010	Called Muswellbrook Cultural Consultants to ask if they would be attending the Bowmans Creek Diversion Field walkover. I spoke to Brian and he advised he would not be able to make it as he had court next week.	Bowmans Creek Diversion Project
22/03/2010	Called Hunter Valley Cultural Surveying to ask if they would be attending the Bowmans Creek Diversion Field walkover. I spoke to Luke Hickey and he started by saying he was not quite sure then he said if it is unpaid he would not be able to afford it. He went on to say it has been difficult and that for too long the Aboriginal community have been doing mine sites work for them unpaid and that the archaeologists get paid to do their work and the community doesn't. I responded that the Archaeologists are getting paid to compile the report and he replied yeah the report from our information. Luke also asked when the roster for field inspections works would be distributed to registered stakeholders I advised him in the next couple of weeks.	Bowmans Creek Diversion Project
22/03/2010	Called Yinarr Cultural Services to ask if they would be attending the Bowmans Creek Diversion Field walkover. I spoke to Kathy and she advised that she had not received the letter in the mail. I advised her I would fax it to her straight away. I gave her an overview of the field walkover she said she would be interested in coming she would have to organise her partner to take and pick up her child from school. She said she would call me to confirm which day she would like to complete the walkover.	Bowmans Creek Diversion Project



22/03/2010	Faxed a copy of the invitation to attend Bowmans Creek Field Walkover to Kathleen Kinchella (Yinarr Cultural Services).	Bowmans Creek Diversion Project
22/03/2010	Called Mingga Consultants (0431 091 527) to ask if they would be attending the Bowmans Creek Diversion Field walkover. Telephone number has been disconnected.	Bowmans Creek Diversion Project
22/03/2010	Called Valley Culture to ask if they would be attending the Bowmans Creek Diversion Field walkover. I spoke to Larry's daughter and left him a message. She was going to pass it onto him.	Bowmans Creek Diversion Project
22/03/2010	Called Carrawaonga Consultants to ask if they would be attending the Bowmans Creek Diversion Field walkover. I left a message on Cheryl Matthews mobile asking her to confirm if she would be attending by Wednesday 24 March.	Bowmans Creek Diversion Project
22/03/2010	Called Wanaruah Custodians (Barbara Foot) to ask if they would be attending the Bowmans Creek Diversion Field walkover. I spoke to Barbara Foot yesterday and asked her if she would like to come out to site. She informed me she is unable to do a walk over inspection. Since only a small amount of stakeholders have registered their interest we have the resources for her to conduct a driving inspection with Angela & Liz. I asked her if she would like to do that and she said she would and asked for Angela to give her a call on Monday to confirm if she can make it.	Bowmans Creek Diversion Project
23/03/2010	Called Bullin Bullin Heritage (Lloyd Matthews - Margaret Matthews number down as contact) to ask if they would be attending the Bowmans Creek Diversion Field walkover. I spoke to Margaret and she advised Lloyd will not be attending as he is away next week. During the phone conversation Margaret asked when arch salvage work would be starting for the SEOC. I advised he SEOC had not received approval yet and she would be notified when works are to be commenced.	Bowmans Creek Diversion Project
23/03/2010	LR emailed the below reply to Scott Franks regarding his telephone message Scott Thank you for your comments regarding the consultation we are planning for the Bowmans Creek Diversion Project area. We have noted your comments in relation to the field walk over. However we are conducting this work in accordance with the DECCW Consultation Guidelines and as such we will be involving the 30 stakeholders registered for the project should they accept the invitation to participate in the consultation.  I would also like to confirm as per the correspondence that we received from you on the 20 October 2009, you are registered under Tocomwall and that all correspondence was to be sent to you at biami@tpg.com.au . This now seems contradictory to the message you left on the phone last week indicating that you were representing Tocomwall and Yarrowalk and that you should be contacted by email on yarrowalk@tpg.com.au . In addition to this our records indicate that Barry McTaggart is the registered contact for Yarrowalk, I have spoken to Barry in relation to this and he has confirmed this to be the case. To ensure our consultation register is accurate can you please again confirm that you are representing Tocomwall not Yarrowalk?  Also for your information Barry McTaggart has registered on behalf of Yarrowalk to participate in the site walkovers and Barry French will be attending.	Bowmans Creek Diversion Project Bowmans Creek Diversion Project

23/03/2010	<p>Scott Franks from Tocomwall responded to LR email as below: From: Scott Franks [mailto:yarrowalk@tpg.com.au]  Sent: Tuesday, 23 March 2010 7:11 PM  To: Lisa Richards  Cc: abco@bordnet.com.au  Subject: RE: Attn: Scott Franks, Response to Phone Message</p> <p>I will talk to Barry M regarding this.</p> <p>Regards</p> <p>Scott Franks  T/O</p>	Bowmans Creek Diversion Project
23/03/2010	<p>I called Kathleen Kinchella (Yinarr Cultural Services) to confirm she got the fax as I had not received a phone call from her confirming her attendance. She said she had and that she was waiting to confirm with her partner that he can look after her child. Kathleen said she would call me back to confirm her availability.</p>	Bowmans Creek Diversion Project
25/03/2010	<p>Spoke to Tom Miller re: Bowmans Creek Diversion Project field walkover. He will not be attending as he has other things on next week. I said we will discuss the outcomes of the field walkover at the next Wonnarua Liaison committee meeting.</p>	Bowmans Creek Diversion Project

25/03/2010	<p>Rang Rhoda Perry to see if she would be attending the Bowmans Creek Diversion Project field walkover. Rhoda said she would not and she is about to do a meeting and will get back to me. I told her Angela or I could give her a call on Monday to confirm. We had a discussion about the aim and objectives of the field walkover and the number of groups attending. Rhoda commented that she did not know how groups would comment about an area that they are not familiar with and how their feedback would be used for the report. I advised her that we were conducting the consultation in line with the DECCW consultation guidelines. She said "oh the DECCW thing again" Rhoda said it was ridiculous and that she was going to contact the DECCW and let them know how ridiculous it is that all of these people are commenting on an area they are not from. Rhoda said it was like her going up to other places and commenting on their land. She asked what the aboriginal benefit from the walkover will be. I answered the aim of the walkover was to give registered stakeholders the opportunity to provide an oral history of the area and participate in a walk over of the project area. Rhoda asked where the benefits of the walkover are for the Aboriginal community and that there is none and no on going benefits for the community. She said there is no sense in the walkover and that they are trying our best to get something for the people. Rhoda commented that the information collected from the stakeholders (assuming she was referring to stakeholders she is claiming is not from the area) are lies and these will be in the archaeologists report. I commented that I understand where she is coming from and reaffirmed that ACOL are conducting the consultation in line with DECC guidelines. Rhoda replied that yes she knows everyone understands but nothing is being done about it. She said she was not trying to be rude about it but was very frustrated with the situation. I acknowledged that a replied that my job and the main aim of the phone call is to organise the Bowmans Creek Diversion Project field walkover. She asked what day and how long the fieldwork would be for. I told her that we are looking at Tuesday 30 March and that there will be morning and afternoon sessions. She said to call her on Monday to see how she is going.</p>	Bowmans Creek Diversion Project
25/03/2010	<p>Received a phone call from Suzie Worth from the Wanaruah Local Aboriginal Land council regarding Bowmans Creek Diversion Project field walkover. Suzie advised that she prefer to conduct the inspection on the 1 April as she is busy on the other days. She also advised she had spoken to Kathleen Steward (Kinchella) and she also said would like to conduct the inspection then. I said it would not be a problem and that I would email her through the details today.</p>	Bowmans Creek Diversion Project
25/03/2010	<p>I received a call from Allen Paget re: confirming details of the Bowmans Creek Diversion Project field walkover. I had advised him of the time and gave a general overview of the schedule for the walkover. I advised him to wear correct PPE and let him know I was sending through an email confirming the details to Taasha.</p>	Bowmans Creek Diversion Project
25/03/2010	<p>I tried to call Suzie Worth re: change of start time for Bowmans Creek field walkover from 8.30 - 9.30am on the 01/04. Suzie had stepped out of the office I left a message for her to call me back. Also going to speak to her regarding corrections required for invoice.</p>	Bowmans Creek Diversion Project
26/03/2010	<p>Barry McTaggart from Yarrowalk Enterprises returned my call confirming Barry French will be attending the fieldwork.</p>	Bowmans Creek Diversion Project

26/03/2010	<p>Good Morning All</p> <p>Please find below information regarding the Ashton Coal Bowmans Creek Diversion Project field walkover to be held on Tuesday 30 March and Thursday 1st April. The following groups are scheduled to conduct the field walkover on Tuesday 30 March from 9:30am – 1:00pm</p> <p>Tuesday walkover</p> <p>Wonn1 Contracting (Arthur Fletcher)  Ungooroo Aboriginal Corporation (Allen Paget)  Wattaka Wonnarua C.C Service (Des Hickey)  Yarrowalk Enterprises (Barry French)</p> <p>The following groups are scheduled for Thursday 1 April from 9:30am – 1:00pm</p> <p>Thursday walkover</p> <p>Suzie Worth (Wanaruah Local Aboriginal Land Council)  Kathleen Kinchella (Yinarr Cultural Services)</p> <p>On the day of your scheduled inspection, could you please report to the Ashton Coal administration offices by 9:30am. Prior to the commencement of the field walkover an overview presentation will be conducted on the Bowmans Creek Diversion Project and the main objectives of the walkover. Archaeologists Angela Besant and Liz Wyatt from Insite Heritage and Lisa Richards and/or Cassandra Ferguson from Ashton Coal will accompany stakeholders groups on the walkover.</p> <p>Could you please bring personal protective clothing including steel cap boots, long pants, sunscreen and a hat. If you are unable to attend could you please advise me via telephone or email at your earliest convenience.</p> <p>If you have any questions or require any further information prior to the field walkover please do not hesitate to contact myself on</p>	Bowmans Creek Diversion Project
26/03/2010	Received a late fax registration from Valley Culture for the field walkover. Vasley Culture hav registered 3 representatives (Barry Stair, Colleen Stair & Elizabeth Howard) to attend the inspection on the 1 April.	Bowmans Creek Diversion Project
26/03/2010	Arthur Fletcher left a message on my phone asking me to return his call.	Bowmans Creek Diversion Project
29/03/2010	Called Arthur Fletcher regarding his phone message from the 26/03. He let me know that Maree Waugh would be attending the walkover on behalf of the Wonnarua Nation. I advised him that the only inspection time and date left was the Tuesday 30 March at 9:30am. he said he would contact her and confirm this time was okay.	Bowmans Creek Diversion Project
29/03/2010	Arthur Fletchcer called abck and advised that he could not get a hold of Maree however he would let her know to be at the office by 9:30 Tuesday.	Bowmans Creek Diversion Project
29/03/2010	Sent a fax to Valley Culture (Larry Van Vliet) confirming his registration for the field walkover and advising him of the start time and arrangements (e.g. meeting point, other groups who they will be conducting the inspection with and PPE requirements).	Bowmans Creek Diversion Project

29/03/2010	Spoke to Nick from the DECC regarding new contact details for the following groups. Numbers were disconnected when numbers on file were called: Ungooroo Cultural & Community Services (Rhonda Ward) - 0450 754 199 Mingga Consultants (Clifford Matthews) home 6541 0751 mobile 0421 942 902 Wonnarua Traditional Owners (Marck Hickey) not registered as a stakeholder group with the DECC	Bowmans Creek Diversion Project
29/03/2010	Contacted Ungooroo Cultural & Community Services on the mobile telephone number supplied by the DECC (0450 754 199) and asked if she received the letter regarding the Bowmans Creek Diversion Project field walkover she said she had but had not read it. I gave her an overview of the walkover and she said she cannot attend.	Bowmans Creek Diversion Project
29/03/2010	Contacted Mingga Consultants on the numbers provided by Nick at the DECC (home 6541 0751 went straight to fax) rang mobile supplied by the DECC it was the wrong number. Rang Nick to check if this was the correct number and he was unavailable left a message for him to call me back regarding Mingga.	Bowmans Creek Diversion Project
29/03/2010	Angela Besant from Insite Heritage spoke to Barbara Foot regarding the Bowmans Creek Diversion Project field walkover. See below email from Liz at Insite Heritage: Cassie, Angela has just phoned. She has spoken with Barbara, although a little hard to hear/understand she is keen to come out tomorrow afternoon. Angela is going to call her tomorrow morning to see how she is, and may go and visit her tomorrow afternoon if Barbara changes her mind. Cheers, Liz	Bowmans Creek Diversion Project
29/03/2010	Called Rhoda Perry (Upper Hunter Wonnarua Council Inc) as per her request on the 25/03 to see if she was able to make the Bowmans Creek Diversion Project field walkover. Rhoda was on the phone left a message with Rachel to ask Rhoda to let me know if she can attend the Thursday inspection.	Bowmans Creek Diversion Project

30/03/2010	<p>Due to wet conditions on the day of the scheduled inspections I contacted registered groups (Ungooroo, Yarrowalk &amp; Wonn1) to see if they would still be attending the walkover. I spoke to Arthur Fletcher (Wonn 1) and he was on his way and I left Allen a message. He later called me back and confirmed he would still be attending. I rang Barry McTaggart (Yarrowalk Enterprises) to confirm Barry French would still be attending. He advised he would have to call Barry to confirm and he would get back to me. He then asked if the work was paid I advised him that it was not as it was part of the consultation process. He said the he was unhappy for this and did not agree with unpaid work. He then said he would email Lisa &amp; I and fax through his objections with the walkover not being paid work. His email was as follows: Dear Lisa and Cassandra,</p> <p>I would like to draw to your attention that I, and I am sure most Aboriginal groups would be very upset to learn that they are working and not being paid as is suggested to be the case with fieldwork from 30th March 2010 to 1st April 2010 .</p> <p>I would point out that Ashton is the only mine in the valley that expects Aboriginal people to work unpaid.(Could this be discrimination as most other people working for Ashton would be paid or are they?)</p> <p>These people often have to take time off work,leave other jobs or utilise valuable time to attend these meetings and work days.</p> <p>These people have to live and just like you and me they have to eat ,house themselves and clothes themselves sometimes in special ppe clothes as demanded by your mine.</p> <p>They have to get to the site in a motor vehicle.</p> <p>As you will appreciate this all costs money and whilst a minority of the representatives will be paid by their group (even though the group will not be paid) others will miss out totally on payment.</p> <p>Accordingly I suggest that any work undertaken by Aboriginal groups is paid at the rate of \$550(minimum 1/2 day \$300) per day plus \$50 travel plus GST. which is the minimum rate paid by other mines.</p>	Bowmans Creek Diversion Project
3/05/2010	<p>I called Arthur Fletcher regarding invoice received from Wonnarua nation Aboriginal Corporation for Maree Waugh's attendance at survey work on the 31/03/2010. Assuming that this was for the Bowmans Creek Walkover (Maree was scheduled to attend on the 30/03, however did not turn up so came out on the 01/04 instead) I reminded Arthur that this was part of the unpaid consultation. He advised me to contact Trackey Skene and Laurie Perry regarding the invoice. He also asked me to check our records to confirm he has been paid for all works he has conducted for Ashton. He was out on field work when I called him, I tried his home phone first and his son advised me Arthur was out on field work and to try his mobile.</p> <p>Mark Hickey left a message on my phone</p>	Bowmans Creek Diversion Project
24/05/2010		
7/06/2010	<p>Rang Tracey from Culturally Aware re BCD test pit work planned to be conducted on Thurs 10 &amp; Fri 11 June. Tracey said yes either she will do the fieldwork or have a representative complete it. I advised that I would send her an email to confirm work details.</p>	Bowmans Creek Diversion Project
7/06/2010	<p>Rang George from Cacatua Culture Consultants re BCD test pit work planned to be conducted on Thurs 10 &amp; Fri 11 June. George said yes he was available to complete the fieldwork. I faxed him through the details of the work later in the day.</p>	Bowmans Creek Diversion Project

5/07/2010	Donna Sampson email Cassandra Ferguson to confirm George Sampson will be attending for Cacatua Culture Consultants for the half day meeting with regards to the Bowmans Creek Diversion, to be held at Singleton Youth Venue on Tuesday 13th July 2010 at 9am.		Bowmans Creek Diversion
5/07/2010	Cassandra Ferguson sent out letter for South East Open Cut & Bowmans Creek Diversion Project - Draft Aboriginal Culture & Heritage Management Plan to the following groups:		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Warren Taggart 78 Castlereagh Street SINGLETON NSW 2330		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Luke Hickey (Hunter Valley Cultural Surveying) 2/8 Midanga Avenue MUSWELLBROOK NSW 2333		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Christine Archabold (Hunter Valley Cultural Consultants) 40 Humphries Street MUSWELLBROOK NSW 2333		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Mark Hickey (Kayaway Eco-Cultural and Heritage) via email kayaway@rocketmail.com		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Kathleen Kinchella (Yinarr Cultural Services) 111 Westwood Road GUNGAL NSW 2333		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Scott Franks (Tocomwall Pty Ltd) PO Box 76 CARINGBAH NSW 1495		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Tom Miller (Lower Hunter Wonnarua Council) 51 Bowden Street HEDDON GRETA NSW 2321		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Michele Stair (Girwirr Consultants) 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Anne Hickey (Gidawaa Walang) 76 Lang Street KURRI KURRI NSW 2327		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Gordon Griffith ( Wonnarua Culture Heritage) 19 O'Donnell Crescent METFORD NSW 2323		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Tracey Skene (Tracey Skene Culturally Aware) 7 Crawford Place MILLFIELD NSW 2325		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	John & Margaret Matthews (Aboriginal Native Title Heritage Consultants) 16A Mahogany Avenue MUSWELLBROOK NSW 2333		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Brian Matthews (Muswellbrook Cultural Consultants) 10 Scott Street MUSWELLBROOK NSW 2333		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Darrel Matthews (Upper Hunter Heritage Consultants) 14 Edinglassie Drive MUSWELLBROOK NSW 2333		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Lloyd (Bullen Bullen Heritage Consultants) 16A Mahogany Avenue MUSWELLBROOK NSW 2333		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Suzie Worth (Wonnarua Local Aboriginal Land Council) PO Box 127 MUSWELLBROOK NSW 2333		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Barry McTaggart (Yarrawalk Enterprises) 913 Wollombi Rd. Broke NSW 2330		South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Cheryl Matthews (Carrowonga Consultants) 16B Mahogany Avenue MUSWELLBROOK NSW 2333		South East Open Cut & Bowmans Creek Diversion Project

5/07/2010	Clifford Matthews (Mingga Consultants) 11 Coolibah Close MUSWELLBROOK NSW 2333	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Arthur Fletcher (Wonn1 Contracting) 619 Main Road GLENDALE NSW 2285	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Mark Hickey (WTO) 3/11 Stringbark Street METFORD NSW 2323	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Luke Hickey (Hunter Valley Cultural Surveying) 2/8 Midanga Avenue MUSWELLBROOK NSW 2333	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Allen Paget (Ungooroo Aboriginal Corporation) 26 George Street SINGLETON NSW 2330	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Sandra Miller (Wonnarua Nation Aboriginal Corporation) PO Box 3066 SINGLETON NSW 2330	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Des Hickey (Wattaka Wonnarua C.C. Service) 4 Kennedy Street singleton nsw 2330	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	George Sampson (Cacatua Culture Consultants) 22 Ibis Parade WOODBURY nsw 2322	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Rhoda Perry (Upper Hunter Wonnarua Council Inc) PO Box 184 Singleton nsw 2330	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Laurie Perry (Wonnarua Nations Aboriginal Corporation) PO Box 3066 singleton nsw 2330	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Larry Vliet ( valley culture) 140 Sydney Street MUSWELLBROOK NSW 2333	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Barbara,David Foot ( Wananuah Custodians) 35 Acacia Circuit SINGLETON NSW 2330	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Rhonda Ward& Samantha ( Ungooroo Cultural & Community Services Inc) 8 Blaxland Avenue singleton nsw 2330	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	David French (Hunter Valley Natural & Culture Resource Management) Flat 3 60 Tinsdale Street MUSWELLBROOK NSW 2333	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Barry (Hunter Valley Aboriginal Corporation) PO Box 579 MUSWELLBROOK NSW 2333	South East Open Cut & Bowmans Creek Diversion Project
5/07/2010	Suzie Worth from Wonnarua Local Aboriginal Land Council emailed Cassandra to confirm that she and Noel Downs will be attending the Draft ACHMP for the SEOC & BCD Projects meeting at 9.00am Tuesday 13 July 2010 at the Singleton Youth Centre.	South East Open Cut & Bowmans Creek Diversion Project
6/07/2010	Tracey Skene (Culturally Aware) emailed Cassandra to inform that they will have someone there rep Culturally Aware or herself will be there for SEOC & BCD projects meeting on 13th July 2010. also she will arrange to have Maree Waugh rep Wonnarua Nation for this meeting too	South East Open Cut & Bowmans Creek Diversion Project
6/07/2010	Michele Stair emailed Cassandra that Michele Stair will be attending SEOC & BCD projects meeting on Tuesday the 13th July for Girwirr consultants	South East Open Cut & Bowmans Creek Diversion Project
8/07/2010	A fax confirmation from Gidawaa Walang and will be sending one representative to the South East Open Cut and Bowmans Creek Diversion Project - Draft Aboriginal Culture and Heritage Management Plan Meeting	South East Open Cut & Bowmans Creek Diversion Project



13/07/2010	<p>A meeting was held at the Singleton Youth Venue to discuss the draft ACHMP information packs for the SEOC &amp; BCD Projects. The following groups attended:</p> <p>Cacatua Culture Consultants (George Sampson)  Muswellbrook Cultural Consultants (Gay Horton)  Bullem Bullem Heritage Consultants (Colleen Stair)  Hunter Valley Cultural Consultants (John Matthews)  Aboriginal Native Title Consultants (Margaret Matthews)  Mingga Consultants (Cliff Matthews)  Carrawonga Consultants (Justin Matthews)  Wonnarua Culture Heritage (Shannon Griffiths)  Giwirr Consultants (Michele Stair)  Warren Taggart  Wattaka Cultural Consultants Services (Des Hickey)  Ungooroo Cultural &amp; Community Services (Rhonda Ward)  Upper Hunter Wonnarua Council (Rhoda Perry)  Ungooroo Aboriginal Corporation (Allen Paget)  Wanaruah Local Aboriginal Lang Council (Noel Downs &amp; Suzie Worth)  Upper Hunter Heritage Consultants (Darrel Matthews)  Kayaway Eco-Cultural &amp; Heritage (Mark Hickey)  Woonarua Nation (Maree Waugh)  Yarrowalk (Barry French)  Hunter Valley Aboriginal Corporation (Wayne French)  Wonn1 Contracting (Arthur Fletcher)  Yinarr Cultural Services (Norm Archibald)</p>	South East Open Cut & Bowmans Creek Diversion Project
15/07/2010	<p>Paulette Ryan from Hunter Traditional Owners called to see if she could register for the upcoming salvage projects for the SEOC &amp; BCD. Paulette had previously asked me she had taken over Hunter Traditional Owners during the SEOC arch investigation (held in June where she was representing WLAC) fieldwork and if she could register as a stakeholder for the current projects. I advised her she was too late for the ongoing projects, however she was welcome to register Hunter Traditional Owners interest in any other projects being conducted by Ashton Coal or consultation for the projects.</p>	South East Open Cut & Bowmans Creek Diversion Project
22/07/2010	<p>Spoke to Paulette Ryan regarding registration for Hunter Traditional Owners for the upcoming fieldwork. I advised Paulette that she was too late to register for the work as the groups registered for the works have been working on the project since 2008, however she is more than welcome to register Hunter Traditional Owners for other upcoming projects/ works at Ashton Coal. Paulette was unhappy with this response and advised that she believed they should be consulted as traditional owners. I explained to her that ACOL can consult with her however cannot be part of the paid working roster established in 2008. and that when the project started ACOL were given a list by the DECCW of all registered groups and advertisements were put in the paper and groups responded to this and if they didn't it was assumed they were not interested in the work.</p>	South East Open Cut & Bowmans Creek Diversion Project
27/07/2010	<p>Elaine HVAC - 65431180 called and left a message on Cassandra Ferguson's phone (requesting a call back). Casandra called her back at 1.03PM no answer. Tried again at 3.16PM spoke to Elaine regarding invoice Elaine wanted to make sure the invoice she faxed for HVAC was correct. I advised her it was and I had put it in this weeks payment process and advised Elaine to call me if there were any other issues with the payment.</p>	South East Open Cut & Bowmans Creek Diversion Project

30/08/2010	Cassandra Ferguson Received an email from Mark Hickey (Kayaway) asking when H&C works for the BCD Project were commencing. I replied on the 02/09/2010 advising the project was currently being assessed by NSW Planning and assuming H&C was referring to salvage works once approval is received we will sent correspondence to all registered stakeholder groups advising of salvage dates.	Bowmans Creek Diversion Project
6/09/2010	Gordon Griffith from Wonnarua Culture Heritage called to see if the SEOC & BCD had been approved and when works would commence. I advised we are still awaiting approval. He asked if there was any work coming up in the future and I advised there was none planned and we will contact him once we hear anything back.	South East Open Cut & Bowmans Creek Diversion Project
22/12/2010	Correspondence sent to the stakeholder groups containing a copy of the Western Panels (BCD Project) final draft ACHMP, interim report and copy of stakeholder meeting minutes from meeting held in July 2010. Correspondence was sent to the following groups:	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Yinarr Cultural Services 111 Westwood Road GUNGAL NSW 2333 Attn: Kathleen Kinchella	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Tocomwall P.O Box 76 CARINGBAH NSW 1495 Attn: Scott Franks	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Lower Hunter Wonnarua Council 51 Bowden Street HEDDON GRETA NSW 2321 Attn: Tom Miller	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Girwirr Consultants 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333 Attn: Michelle Stair	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Gidwaa Walang 76 Lang Street KURRI KURRI NSW 2327 Attn: Annie Hickey	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Wonnarua Culture Heritage 19 O'Donnell Crescent METFORD NSW 2323 Attn: Gordon Griffith	Western Panels/ Bowmans Creek Diversion Project

22/12/2010	Culturally Aware 7 Crawford Place MILLFIELD NSW 2325 Attn: Tracey Skene	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Aboriginal Native Title Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333 Attn: Margaret & John Matthews	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Muswellbrook Cultural Consultants 10 Scott Street MUSWELLBROOK NSW 2333 Attn: Brian Matthews	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333 Attn: Darrel Matthews	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Hunter Valley Cultural Consultants 40 Humphries Street MUSWELLBROOK NSW 2333 Attn: Christine Archobold	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Bullen Bullen Heritage 16A Mahogany Avenue MUSWELLBROOK NSW 2333 Attn: Lloyd Matthews	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Wanaruah Local Aboriginal Land Council PO Box 127 MUSWELLBROOK NSW 2333 Attn: Suzie Worth	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Yarrawalk Enterprises 913 Wollombi Road BROKE NSW 2330 Attn: Barry McTaggart	Western Panels/ Bowmans Creek Diversion Project

22/12/2010	<p>Carrowonga Consultants  16B Mahogany Avenue  MUSWELLBROOK NSW 2333  Attn: Cheryl Matthews</p>	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	<p>Mingga Consultants  11 Coolibah Close  MUSWELLBROOK NSW 2333  Attn: Clifford Matthews</p>	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	<p>Wonnarua Nations Aboriginal Corporation  619 Main Road  GLENDALE NSW 2285  Attn: Mr Arthur Fletcher</p>	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	<p>Kayaway Eco-Cultural and Heritage  Unit 3/ 11 Stringybark Street  METFORD NSW 2323  Attn: Mark Hickey</p>	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	<p>Hunter Valley Cultural Surveying  165 Susan Street  SCONE NSW 2337  Attn: Luke Hickey</p>	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	<p>Ungooroo Aboriginal Corporation  26 George Street  SINGLETON NSW 2330  Attn: Allen Paget</p>	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	<p>Wonnarua Nations Aboriginal Corporation  PO Box 3066  SINGLETON DELIVERY NSW 2330  Attn: Mr Laurie Perry</p>	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	<p>Wattaka Cultural Consultants Services  4 Kennedy Street  SINGLETON NSW 2330  Attn: Des Hickey</p>	Western Panels/ Bowmans Creek Diversion Project

22/12/2010	Cacatua Cultural Consultants 22 Ibis Parade WOODBERRY NSW 2322 Attn: George Sampson	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Upper Hunter Wonnarua Council Inc PO Box 184 SINGLETON NSW 2330 Attn: Rhoda Perry	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Wonnarua Nations Aboriginal Corporation PO Box 3066 SINGLETON DELIVERY NSW 2330 Attn: Sandra Miller	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Valley Culture 140 Sydney Street MUSWELLBROOK NSW 2333 Attn: Larry Van Vliet	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Wanaruah Custodians 35 Acacia Circuit SINGLETON NSW 2330 Attn: Mrs Barbara Foot	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Wanaruah Custodians 35 Acacia Circuit SINGLETON NSW 2330 Attn: Mr David Foot	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Ungooroo Cultural & Community Services Incorporated 8 Blaxland Avenue SINGLETON NSW 2330 Attn: Rhonda & Samantha Ward	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	Wonn1 Contracting 619 Main Road GLENDALE NSW 2285 Arthur Fletcher	Western Panels/ Bowmans Creek Diversion Project

22/12/2010	<p>Hunter Valley Natural and Cultural Resource Management  Flat 3/ 60 Tinsdale Street  MUSWELLBROOK NSW 2333  Attn: David French</p>	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	<p>Hunter Valley Aboriginal Corporation  PO Box 579  MUSWELLBROOK NSW 2333  Attn: Barry Stair</p>	Western Panels/ Bowmans Creek Diversion Project
22/12/2010	<p>Warren Taggart  78 Castlereagh Street  SINGLETON NSW 2330</p>	Western Panels/ Bowmans Creek Diversion Project
25/12/2010	<p>Kayaway Eco-Cultural and Heritage (Mark Hickey) email of the final draft BCD ACHMP package was returned to sender undeliverable to email address on file  From: System Administrator  Sent: Saturday, 25 December 2010 10:00 AM  To: Cassandra Ferguson  Subject: Undeliverable: Emailing: 101222 BCD Project ACHMP 3 of 3, 101222 BCD Project ACHMP 2 of 3, 101222 BCD Project ACHMP 1 of 3</p> <p>Your message did not reach some or all of the intended recipients.</p> <p>Subject: Emailing: 101222 BCD Project ACHMP 3 of 3, 101222 BCD Project ACHMP 2 of 3, 101222 BCD Project ACHMP 1 of 3  Sent: 23/12/2010 9:52 AM</p> <p>The following recipient(s) cannot be reached:</p> <p>Mark Hickey on 25/12/2010 10:00 AM  Could not deliver the message in the time limit specified. Please retry or contact your administrator.  &lt;mail1.fri.com.au #4.4.7&gt;</p>	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	<p>Insite Heritage send a letter out to all Aboriginal stakeholders advising them the BCD Project and Longwall 5-8 project has been approved by the Department of Planning and AHIP application process and proposed salvage dates. The correspondence was sent to:</p>	Western Panels/ Bowmans Creek Diversion Project

19/01/2011	Yinarr Cultural Services 111 Westwood Road GUNGAL NSW 2333 Attn: kathleen Kinchella	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Tocomwall P.O Box 76 CARINGBAH NSW 1495 Attn: Scott Franks	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Lower Hunter Wonnarua Council 51 Bowden Street HEDDON GRETA NSW 2321 Attn: Tom Miller	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Girwirr Consultants 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333 Attn: Michelle Stair	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Gidwaa Walang 76 Lang Street KURRI KURRI NSW 2327 Attn: Annie Hickey	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Wonnarua Culture Heritage 19 O'Donnell Crescent METFORD NSW 2323 Attn: Gordon Griffith	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Culturally Aware 7 Crawford Place MILLFIELD NSW 2325 Attn: Tracey Skene	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Aboriginal Native Title Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333 Attn: Margaret & John Matthews	Western Panels/ Bowmans Creek Diversion Project

19/01/2011	Muswellbrook Cultural Consultants 10 Scott Street MUSWELLBROOK NSW 2333 Attn: Brian Matthews	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333 Attn: Darrel Matthews	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Hunter Valley Cultural Consultants 40 Humphries Street MUSWELLBROOK NSW 2333 Attn: Christine Archobold	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Bullen Bullen Heritage 16A Mahogany Avenue MUSWELLBROOK NSW 2333 Attn: Lloyd Matthews	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Wanaruah Local Aboriginal Land Council PO Box 127 MUSWELLBROOK NSW 2333 Attn: Suzie Worth	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Yarrawalk Enterprises 913 Wollombi Road BROKE NSW 2330 Attn: Barry McTaggart	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Carrawonga Consultants 16B Mahogany Avenue MUSWELLBROOK NSW 2333 Attn: Cheryl Matthews	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Mingga Consultants 11 Coolibah Close MUSWELLBROOK NSW 2333 Attn: Clifford Matthews	Western Panels/ Bowmans Creek Diversion Project



19/01/2011	Wonnarua Nations Aboriginal Corporation 619 Main Road GLENDALE NSW 2285 Attn: Mr Arthur Fletcher	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Kayaway Eco-Cultural and Heritage Unit 3/ 11 Stringybark Street METFORD NSW 2323 Attn: Mark Hickey	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Hunter Valley Cultural Surveying 165 Susan Street SCONE NSW 2337 Attn: Luke Hickey	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Ungooroo Aboriginal Corporation 26 George Street SINGLETON NSW 2330 Attn: Allen Paget	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Wonnarua Nations Aboriginal Corporation PO Box 3066 SINGLETON DELIVERY NSW 2330 Attn: Mr Laurie Perry	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Wattaka Cultural Consultants Services 4 Kennedy Street SINGLETON NSW 2330 Attn: Des Hickey	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Cacatua Cultural Consultants 22 Ibis Parade WOODBERRY NSW 2322 Attn: George Sampson	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Upper Hunter Wonnarua Council Inc PO Box 184 SINGLETON NSW 2330 Attn: Rhoda Perry	Western Panels/ Bowmans Creek Diversion Project

19/01/2011	Wonnarua Nations Aboriginal Corporation PO Box 3066 SINGLETON DELIVERY NSW 2330 Attn: Sandra Miller	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Valley Culture 140 Sydney Street MUSWELLBROOK NSW 2333 Attn: Larry Van Vliet	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Wanaruah Custodians 35 Acacia Circuit SINGLETON NSW 2330 Attn: Mrs Barbara Foot	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Wanaruah Custodians 35 Acacia Circuit SINGLETON NSW 2330 Attn: Mr David Foot	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Ungooroo Cultural & Community Services Incorporated 8 Blaxland Avenue SINGLETON NSW 2330 Attn: Rhonda & Samantha Ward	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Wonn1 Contracting 619 Main Road GLENDALE NSW 2285 Arthur Fletcher	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Hunter Valley Natural and Cultural Resource Management Flat 3/ 60 Tinsdale Street MUSWELLBROOK NSW 2333 Attn: David French	Western Panels/ Bowmans Creek Diversion Project
19/01/2011	Hunter Valley Aboriginal Corporation PO Box 579 MUSWELLBROOK NSW 2333 Attn: Barry Stair	Western Panels/ Bowmans Creek Diversion Project

19/01/2011	Warren Taggart 78 Castlereagh Street SINGLETON NSW 2330		Western Panels/ Bowmans Creek Diversion Project
25/01/2011	Brian Horton from Muswellbrook Cultural Consultants called Angela Besant at Insite Heritage regarding the final draft BCD ACHMP. He has no issues with methodology just let him know when work is to start.		Western Panels/ Bowmans Creek Diversion Project
25/01/2011	Organised for a courier to drop off a hard copy of the final draft BCD ACHMP package to Kayaway Eco Cultural & Heritage (Mark Hickey). When courier arrived at the address on file (Unit 3/11 Stringybark Place METFORD NSW 2323) no one was living at the property. Parcel return to ACOL.		Western Panels/ Bowmans Creek Diversion Project
27/01/2011	Cassandra Ferguson rang each of the registered stakeholders who were sent the Western Panels ACHMP & interim report to see if they had any feedback or comments of the proposed management measures:		Western Panels/ Bowmans Creek Diversion Project
27/01/2011	Des Hickey (Wattaka Wonmarua C.C. Service) Des had not had a chance to read it. He advised he would have a look at it & email or fax ACOL any comments he had. Advised Des to send through any comments ASAP as feedback closure date was on the 19 January.		Western Panels/ Bowmans Creek Diversion Project
27/01/2011	Barry McTaggart (Yarrowalk Enterprises) Had not had a chance to read it. Barry advised he will try to read it this afternoon and get back to me.		Western Panels/ Bowmans Creek Diversion Project
27/01/2011	Margaret Matthews (Aboriginal Native Title Consultants) when asked if she had any comments or feedback on ACOL BCD ACHMP Margaret replied she had a lot of plans for ACOL. Margaret asked if ACOL had received a call from Scott Franks the other day. I advised I had only returned on Monday from days offsite. Margaret replied Lisa Richards would have received a call as Scott Franks has advised her that he reckons he will be stopping all work at ACOL. Margaret wanted to speak to Lisa Richards about this matter. I advised Margaret the project had received approval from the Department of Planning and at this stage work was going ahead. Margaret went on to say that her family are Native Title Claimants of this area and they will be on the job from start to finish. I advised the roster would be made by Insite Heritage Margaret replied Insite can make up all the rosters they like but all of my family will be there from start to finish as they are Native Title Claimants of the area. Margaret said that Rhonda Ward who is part of the Native Title Claim over the former South Common in the South East Open Cut project area knew nothing about cultural heritage and did not know what she was talking about. Margaret said her Aunty (referring to Aunty Barbara Foot) would agree with her and then said you know who my Aunty is Cassandra. I reiterated to Margaret that the work would be going ahead and asked if she had any comments on the proposed salvage & management methodologies. Margaret replied she wanted grader scrapes and not just where Angela (Insite Heritage) wanted them but where the community want them. Margaret wanted the artefacts set out on the table and washed and cleaned before bagging them. Margaret said she wanted the job done right properly & not rushed and to be involved right through from start to finish. Margaret then asked me again to make sure Lisa Richards contacts her.		Western Panels/ Bowmans Creek Diversion Project
27/01/2011	Barry Stair (Hunter Valley Aboriginal Corporation) I tried to contact them on their listed number (02) 6543 1180 however no-one answered. I also tried later on in the afternoon and no one answered and there is no answering machine to leave a message.		Western Panels/ Bowmans Creek Diversion Project
27/01/2011	David French (Hunter Valley Natural & Culture Resource Management) rang David on the number on file (02) 6541 2765 and the phone has been disconnected.		Western Panels/ Bowmans Creek Diversion Project
27/01/2011	Tracey Skene (Culturally Aware) Tracey advised she was fairly positive she had read through the document when she received it and thought it looked okay. Tracey advised she would have another look and send through any feedback tomorrow.		Western Panels/ Bowmans Creek Diversion Project

27/01/2011	Tom Miller (Lower Hunter Wonnarua Council) Tom had not had a chance to read the document yet. He said he would have a look at it over the weekend and get back to Angela Besant from Insite Heritage if he had any feedback.	Western Panels/ Bowmans Creek Diversion Project
27/01/2011	Ungooroo Aboriginal Corporation I spoke to Taasha and she advised Allen Paget has read it however he was out of the office. Taasha had to call him about some other matters and she was going to ask him if he had any feedback or comments on the document. I asked Taasha to get Allen to call back either myself or Angela Besant (Insite Heritage) if he had any comments or feedback. I also spoke to Taashs regarding an invoice for cultural heritage fieldwork conducted by Allen on the 18/01/11.	Western Panels/ Bowmans Creek Diversion Project
27/01/2011	Laurie Perry (Wonnarua Nations Aboriginal Corporation) was happy with everything proposed in the draft ACHMP. Maree was also with him at the time I called and he said she was happy with everything the was it was.	Western Panels/ Bowmans Creek Diversion Project
27/01/2011	Arthur Fletcher (Wonn1 Contracting) was happy with everything regarding salvage and management of sites proposed in the draft ACHMP.	Western Panels/ Bowmans Creek Diversion Project
27/01/2011	Anne Hickey (Gidawaa Walang) advised she had read most of the documentation and said she thought everything looked okay and was happy with it. Annie advised she did not respond because she was happy with it and thought she did not need to respond as she was happy with it.	Western Panels/ Bowmans Creek Diversion Project
27/01/2011	George Sampson (Cacatua Culture Consultants) Left a message on the answering machine for George & Donna to call me back if they had any feedback related to the final draft ACHMP.	Western Panels/ Bowmans Creek Diversion Project
27/01/2011	Valley Culture (Larry Van Vliet) rang the home telephone number on file first ((02) 6542 5445) the telephone has been disconnected. I then tried Larry's mobile left a message on the message bank.	Western Panels/ Bowmans Creek Diversion Project
27/01/2011	Wonnarua Culture Heritage (Gordon Griffith) I explained to Gordon what was included in the final draft ACHMP Gordon asked if it was everything (salvage/management methodologies) discussed in the meeting held in July I replied yes. Gordon advised he was happy with everything proposed in the meeting.	Western Panels/ Bowmans Creek Diversion Project
27/01/2011	Yinarr Cultural Services (Kathleen Kinchella) I called Kathleen on her home telephone number she was not home. Her partner advised me to try her on her mobile. I tried the number twice and it was switched off and had no message bank.	Western Panels/ Bowmans Creek Diversion Project
28/01/2011	Hunter Valley Culture Surveying (Luke Hickey) Luke was unavailable on his mobile. I left my telephone number for him to return my call.	Western Panels/ Bowmans Creek Diversion Project
28/01/2011	Wonnarua Elders Council (Rhoda Perry) left a message for Rhoda to call me back.	Western Panels/ Bowmans Creek Diversion Project
28/01/2011	Hunter Valley Cultural Consultants (Christine Archobold) rang Christine and left a message on her mobile phone for her to contact myself or Angela Besant from Insite Heritage if she had any comments/ feedback on the final draft BCD ACHMP.	Western Panels/ Bowmans Creek Diversion Project

28/01/2011	Christine Archbold (Hunter Valley Cultural Consultants) returned my call. I asked if Christine had any feedback on the final draft BCD ACHMP. She advised she had not read it and she would look through it today and contact either myself or Anglea Besant from Insite Heritage if she had any feedback.	Western Panels/ Bowmans Creek Diversion Project
28/01/2011	Upper Hunter Heritage Consultants (Darrel Matthews) called Darrel on his mobile left a message for him to call myself or Angela back if he has any feedback on the final draft BCD ACHMP.	Western Panels/ Bowmans Creek Diversion Project
28/01/2011	Mingga Consultants (Clifford Matthews) Mobile number on file (0431 091 527) and land line ( 02) 6541 4137) are disconnected	Western Panels/ Bowmans Creek Diversion Project
28/01/2011	Carrawonga Consultants (Cheryl Matthews) I called Cheryl on her mobile and left her a message to contact me or Angela if she had any feedback on the final draft BCD ACHMP.	Western Panels/ Bowmans Creek Diversion Project
28/01/2011	Muswellbrook Cultural Consultants (Brian Matthews) Rang mobile 0428 287 396) number has been disconnected.	Western Panels/ Bowmans Creek Diversion Project
28/01/2011	Hunter Valley Aboriginal Corporation (Barry French) Rang Barry French on his personal mobile regarding as I could not get hold of anyone on the office phone and Barry was part of the HVAC committee in 2010. Barry advised me he was no longer part of the committee and Elaine & Barry Stair were the people to contact. I also asked him about Hunter Valley Natural & Cultural Resource Management (David French - Barry's son) address as the address on file Flat 3/60 Tinsdale Street was vacant when the courier went	Western Panels/ Bowmans Creek Diversion Project

28/01/2011

Ungooroo Cultural & Community Services Incorporated (Rhonda Ward) I rang Rhonda and asked if she had any feedback regarding the final draft BCD ACHMP. Rhonda said no not really because she was now involved in the Native Title Claim. I advised her the BCD was separate to the area related to the Native Title Claim in the SEOC Project area. Rhonda said she did not have would read it and get back to me. I asked her if she could email me through any comments as Rhonda had my email address from previous correspondence Rhonda advised me her email had been hacked into so she had a new account (ungooroo5969@hotmail.com). I advised her I would email her my contact details. See email below:

From: Cassandra Ferguson  
Sent: Friday, 28 January 2011 10:17 AM  
To: ungooroo5969@hotmail.com  
Subject: Email address

Hi Rhonda

As discussed today please send any feedback on the Bowmans Creek Diversion final draft Archaeology & Cultural Heritage Management Plan through to this email address or to Angela Besant from Insite Heritage [angela@insiteheritage.com.au](mailto:angela@insiteheritage.com.au).

Thanks  
Regards

Cassandra Ferguson  
Environmental Coordinator | Ashton Coal Operations Pty Limited

Western Panels/ Bowmans Creek  
Diversion Project

31/01/2011	<p>AS I was unable to contact Yinarr Cultural Services (Kathleen Kincaid) or leave a message for her I sent her an email regarding feedback on the BCD final draft ACHMP. See below:</p> <p>From: Cassandra Ferguson  Sent: Monday, 31 January 2011 4:45 PM  To: yinarrculturalservices@bigpond.com  Cc: kathleen.steward@bigpond.com  Subject: Bowmans Creek Diversion Project final draft ACHMP &amp; Interim Report</p> <p>Hi Kathleen</p> <p>I tried to give you a call last week to see if you had any comments or feedback on the final draft Archaeological &amp; Cultural Heritage Management Plan related to the Bowman's Creek Diversion Project that Ashton sent out prior to Christmas.</p> <p>If you have any comments or feedback on the documentation please send them to either myself or Angela Besant from Insite Heritage at <a href="mailto:angela@insiteheritage.com.au">angela@insiteheritage.com.au</a> as soon as possible as the last date for feedback was the 19 January.</p> <p>Thank you very much</p> <p>Regards</p> <p>Cassandra Ferguson  Environmental Coordinator   Ashton Coal Operations Pty Limited  Phone: (02) 6570 9106  Mobile: 0427 722 070  Fax: (02) 6576 1122  Email: <a href="mailto:cferguson@ashtoncoal.com.au">cferguson@ashtoncoal.com.au</a></p>	Western Panels/ Bowmans Creek Diversion Project
1/02/2011	<p>Spoke to Warren Taggart regarding the BCD ACHMP. I asked if he had any feedback and he said no not at the moment. He said however he had concerns with his last name being used in documents and the difficulties it arises with him working at Ashton. I asked him if he was referring to the correspondence log in the final draft ACHMP and he said no to do with the Native Title Claim in relation to the SEOC project. Warren said he had been speaking to Allen Paget from Ungooroo Aboriginal Corporation in regards to his last name being listed on the Native Title Claim related to the SEOC Project Area. I advised Warren that the documentation was separate to the SEOC Project Area and he advised he did not have any issues with the BCD final draft ACHMP.</p>	Western Panels/ Bowmans Creek Diversion Project

1/02/2011	<p>Rang the DECCW Coffs Harbour office . Spoke to David and provided him the names of the contact groups that were uncontactable on the numbers on file. They were:</p> <p>Mingga Consultants Muswellbrook Cultural Consultants Hunter Valley Natural &amp; Cultural Resource Management - also asked for an postal address confirmation Kayaway Eco Cultural &amp; Heritage Services - asked for an update on telephone, postal address &amp; email address. David took a message and my telephone number and said he would get someone to give me a call back. As attempts to contact Hunter Valley Aboriginal Corporation had been unsuccessful I sent an email to the address on file re feedback on the BCD final draft ACHMP. See below:</p> <p>From: Cassandra Ferguson Sent: Tuesday, 1 February 2011 4:59 PM To: h973809@bigpond.net.au Subject: Final Draft BCD Arch &amp; Cultural Heritage Management Plan</p> <p>Good Afternoon</p> <p>I have tried to contact you via the telephone number we have on file (02) 6543 1180 regarding the package sent out to you prior to the Christmas period regarding the Western Panel inclusive of the Bowmans Creek Diversion Project final draft Archaeological &amp; Cultural Heritage Management Plan. If you have any feedback or comments on any of the salvage &amp; management methodologies outlined in the document please do not hesitate to contact either myself or Angela Besant from Insite Heritage (angela@insiteheritage.com.au) ASAP as the closing date for feedback was Friday 19 January 2011.</p> <p>If you any updated contact details or a mobile number I could contact you on could you also please send the details through.</p> <p>Thank you very much</p> <p>Cassandra Ferguson Environmental Coordinator   Ashton Coal Operations Pty Limited Phone: (02) 6570 9106 Mobile: 0427 722 070 Fax: (02) 6576 1122 Email: cferguson@ashtoncoal.com.au</p>	Western Panels/ Bowmans Creek Diversion Project
1/02/2011	<p>Angela Besant from Insite Heritage contacted Barbara Foot to see if she had any feedback on the BCD final draft ACHMP package. Barbara advised Angela she has been unwell and that she is unable to read as she has cataracts. Barbara advised Angela she would speak to David about the document and get him to give her an overview. Angela also offered to drop in early next week and have a chat to her about it. Angela Besant will contact Barbara again next week to organise a visit.</p> <p>Correspondence sent to the stakeholder groups containing a copy of the Western Panels (BCD Project) and LW 1-4 AHIP documentation (fact sheet LW1-4 &amp; BCD Project), CD copy of AHIP applications (people without email addresses received a hard copy). The letter noted stakeholders could request a hard copy from ACOL. The documentation was sent to the following groups:</p>	Western Panels/ Bowmans Creek Diversion Project
2/02/2011	<p>Correspondence sent to the stakeholder groups containing a copy of the Western Panels (BCD Project) and LW 1-4 AHIP documentation (fact sheet LW1-4 &amp; BCD Project), CD copy of AHIP applications (people without email addresses received a hard copy). The letter noted stakeholders could request a hard copy from ACOL. The documentation was sent to the following groups:</p>	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	<p>Correspondence sent to the stakeholder groups containing a copy of the Western Panels (BCD Project) and LW 1-4 AHIP documentation (fact sheet LW1-4 &amp; BCD Project), CD copy of AHIP applications (people without email addresses received a hard copy). The letter noted stakeholders could request a hard copy from ACOL. The documentation was sent to the following groups:</p>	Western Panels/ Bowmans Creek Diversion Project



15/02/2011	Yinarr Cultural Services 111 Westwood Road GUNGAL NSW 2333 Attn: kathleen Kinchella	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Tocomwall P.O Box 76 CARINGBAH NSW 1495 Attn: Scott Franks sent via registered post	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Lower Hunter Wonnarua Council 51 Bowden Street HEDDON GRETA NSW 2321 Attn: Tom Miller	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Girwirr Consultants 8 Fitzgerald Avenue MUSWELLBROOK NSW 2333 Attn: Michelle Stair	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Gidwaa Walang 76 Lang Street KURRI KURRI NSW 2327 Attn: Annie Hickey	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Wonnarua Culture Heritage 19 O'Donnell Crescent METFORD NSW 2323 Attn: Gordon Griffith	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Culturally Aware 7 Crawford Place MILLFIELD NSW 2325 Attn: Tracey Skene	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Aboriginal Native Title Consultants 16A Mahogany Avenue MUSWELLBROOK NSW 2333 Attn: Margaret & John Matthews	Western Panels/ Bowmans Creek Diversion Project

15/02/2011	Muswellbrook Cultural Consultants 10 Scott Street MUSWELLBROOK NSW 2333 Attn: Brian Horton	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Upper Hunter Heritage Consultants 14 Edinglassie Drive MUSWELLBROOK NSW 2333 Attn: Darrel Matthews	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Hunter Valley Cultural Consultants 40 Humphries Street MUSWELLBROOK NSW 2333 Attn: Christine Archobold	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Bullen Bullen Heritage 16A Mahogany Avenue MUSWELLBROOK NSW 2333 Attn: Lloyd Matthews	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Wanaruah Local Aboriginal Land Council PO Box 127 MUSWELLBROOK NSW 2333 Attn: Suzie Worth	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Carrawonga Consultants 16B Mahogany Avenue MUSWELLBROOK NSW 2333	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Mingga Consultants 11 Coolibah Close MUSWELLBROOK NSW 2333 Attn: Clifford Matthews	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Wonnarua Nation PO Box 3066 SINGLETON NSW 2330 Attn: Arthur Fletcher	Western Panels/ Bowmans Creek Diversion Project

15/02/2011	Kayaway Eco Cultural and Heritage Unit 3/ 11 Stringybark Street METFORD NSW 2323	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Hunter Valley Natural and Cultural Resource Management Flat 1/ 7-11Tinsdale Street MUSWELLBROOK NSW 2333 Attn: David French	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Larry Van Vliet ( valley culture) 140 Sydney Street MUSWELLBROOK NSW 2333	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Hunter Valley Aboriginal Corporation Hunter Valley Aboriginal Corporation PO Box 579 MUSWELLBROOK NSW 2333 Attn: Barry Stair	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Wonnaruah Elders Council PO Box 184 SINGLETON NSW 2330 via Victor Perry : junburra@bigpond.com	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Ungooroo Aboriginal Corporation PO Box 3095 SINGLETON NSW 2330 email: ungooroo@bigpond.com Att Alan Paget	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Wattaka Wonnarua Cultural Consultants Services 4 Kennedy Street SINGLETON NSW 2330 Attn: Des Hickey	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Ungooroo Cultural & Community Services Att Rhonda Ward 8 Blaxland Avenue SINGLETON NSW 2330 email: ungooroo5969@hotmail.com	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	Cacatua Cultural Consultants 22 Ibis Parade WOODBERRY NSW 2322 Attn: George Sampson	Western Panels/ Bowmans Creek Diversion Project

15/02/2011	<p>Yarrowalk Enterprises  913 Wollombi Road  BROKE NSW 2330  Attn: Barry McTaggart</p>	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	<p>Warren Taggart  78 Castlereagh Street  SINGLETON NSW 2330</p>	Western Panels/ Bowmans Creek Diversion Project
15/02/2011	<p>Wonn1 Contracting  619 Main Road  GLENDALE NSW 2285  Arthur Fletcher</p>	Western Panels/ Bowmans Creek Diversion Project