

Appendix A

Aboriginal stakeholder consultation documents

This appendix comprises the following documents:

- Aboriginal consultation log;
- Presentation delivered to RAP meeting of 21 October 2011 at Dunedoo;
- Presentation delivered to RAP meeting of 5 March 2012 at Gulgong;
- Presentation delivered to RAP meeting of 12 April 2012 at Gulgong; and
- copies of key correspondence (Removed for public exhibition purposes).

Aboriginal Consultation Log		Cobbora Coal Project - Aboriginal heritage assessment			
Stage 1 - Advisory Requests Sent					
Organisation	Contact	Date	Comment	Document reference	
Local Newspaper Ad		21-Sep-09	Adverts placed to run in the following newspapers on the following dates: Dubbo Daily Liberal - Tues 22nd Sept 09, Mudgee Guardian - Wed 21st Sept 09, Koori Mail - Wed 7th Oct 09.	0103492_Newspaper Mudgee.pdf 0103492_Newspaper Mudgee Guardian.pdf	
OEH (formerly DECCW)	Paul Huston 02 6883 5330, 02 6883 5361 (direct) Paul.houston@environment.nsw.gov.au 48-52 Wingewarra St, Dubbo, 2830 PO Box 2111, Dubbo, 2820 Phil Purcell 6883 5330	09-Sep-09	Called and left message, email sent including letter and location map.		
		22-Sep-09	Tim Owen called Paul to determine the relevant Aboriginal stakeholder groups. No answer; another message left on the answer phone.		
		23-Sep-09	Letter received from DECCW and a phone call from Paul Huston to discuss the relevant Aboriginal stakeholders. Most appear to be in the Mudgee area.	0103492L07_DECCW to ERM.pdf	
Dubbo LALC	Uppannia Sullivan (CEO) Paul Carr (Chairperson) (02) 6884 5276	15-Sep-09	Initial phone call to request a meeting		
	Uppannia Sullivan (CEO)	15-Sep-09	Call to ask for a meeting; meeting scheduled for 21 September 2009 at 1030. They have requested an email providing an overview of the project. This has been provided (see reference).	0103492_E01_TO to BLALC.pdf	
Mudgee LALC	Aleshia Lonsdale (Chairperson) Tony Lonsdale (Acting CEO) (02) 6372 3511	15-Sep-09	Initial phone call to request a meeting – see below		
	Aleshia Lonsdale (Chairperson)	15-Sep-09	Call to ask for a meeting; meeting scheduled for 21 September 2009 at 1300. They have requested an email providing an overview of the project. This has been provided (see reference).	0103492_E02_TO to MLALC.pdf	
	Tim Owen and Mudgee LALC	21-Sep-09	The LALC was unattended with a note posted to the door stating that they had gone out and would return soon. Tim Owen waited from 1300 until 1445, but no persons were present at the office. A note and a map were left along detailing the land to be impacted by the project.		
Registrar Aboriginal Owners	Megan Mebberson megan.mebberson@oralra.nsw.gov.au Fax: 02 9562 6350	22-Sep-09	Email (and fax) notification sent	0103492L02_MK to RAO.pdf	
	Courtney Field (Assistant research officer)	25-Sep-09	No registered Aboriginal owners over the project area.	0103492_E04_OTR to ERM.pdf	
Native Title Services	Peter Shultz pschultz@ntscorp.com.au	22-Sep-09	Email notification sent	0103492L03_MK to NTS.pdf	
	Peter Shultz	22-Sep-09	Email received stating that '... relevant Aboriginal Groups / individuals will be notified of the subject AHA and will be invited to register their interest directly with ERM'.	0103492_E02_NTS to ERM.pdf	
Mid Western Regional Council	Sarah Armstrong (02) 6378 2815 council@midwestern.nsw.gov.au	22-Sep-09	Rang and spoke to Sarah, asked to send letter through council address to get it registered. Email notification sent	0103492L04_MK to MWRC.pdf	
	Ben Rourke (Manager – Planning and Development)	26-Nov-09	Letter stating 'In response to your letter received on the 22 nd November 2009 [sic letter was sent on 22 September], Council would be interested in being consulted in the matter'. Letter states to contact MLALC and MGATSI (see below).	0103492_L15_MWRC to ERM.pdf	
Warrumbungle Shire Council	(02) 6849 2000 info@warrumbungle.nsw.gov.au	22-Sep-09	Receptionist informed me that there is no-one who look after aboriginal heritage at the council and to address our notification to the general manager. Email notification sent	0103492L05_MK to WSC.pdf	

Organisation	Contact	Date	Comment	Document reference	
	Rebecca Ryan (Director of Community Services, Warrumbungle Shire Council)	28-Sep-09	Email received stating that consultation should be made with Coonabarabran, Gilgandra, Caroonna, Dubbo and Mudgee Local Aboriginal Land Councils. It is noted that the project area only covers Dubbo and Mudgee LALC.	0103492_E03_WSC to ERM.pdf	
Wellington Council	Paul West (02) 6840 1723 paul.west@wellington.nsw.gov.au	22-Sep-09	Paul is on leave this week, so was not able to speak to him. Email notification sent	0103492L06_MK to WC.pdf	
Aboriginal Group Registrations & Communications					
Organisation	Contact person	Date	Comments	ERM Document Reference Number	Registration Status
Dubbo Local Aboriginal Land Council (DLALC)	Uppannia Sullivan	15-Sep-09	See notes above A letter (2 October 2009) has been sent (and emailed) formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	Telephone conversation and consequential meeting 0103492_L09_Uppannia Sullivan.pdf	Registered 15-Sep-09
Mudgee Local Aboriginal Land Council (MLALC)	Aleshia Lonsdale	15-Sep-09	See notes above A letter (2 October 2009) has been sent (and emailed) formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	Telephone conversation and consequential meeting 0103492_L09_Aleshia Lonsdale.pdf	Registered 15-Sep-09
Wirrimbah Direct Descendants	Stephen Ryan	21 Sept 09 (meeting) & 28 Sept 09 (letter)	Initial comments included with the Dubbo LALC (see above). Letter states that the WDD are the 'administrative arm for the Thubbagah people... [WDD have] two registered Native Title claims in the area... This letter will be emailed by one of our Native Title Claim applicants (Stephen Ryan) on our behalf & you can communicate with us through him'. A letter (2 October 2009) has been sent (and emailed) formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	Meeting on 21 Sept 0103492L08_WDD to ERM.pdf 0103492_L09_Stephen Ryan.pdf	Registered 28-Sep-09
Murong Gialinga	Debbie Foley	23 Sept 09 (DECCW) & 28 Sept 09 (telephone)	DECCW list of Aboriginal stakeholders. A telephone call from DF to ERM stating their wish to be consulted. Murong Gialinga are to be sent a map defining the project area, so that they can provide a description of their traditional lands. DF and LF are to be consulted as one group - Murong Gialinga (who are listed separately on the DECCW contact list). 1. The Chairperson of Murong Gialinga is Larry Foley (her husband); 2. Debbie Foley can be consulted through Larry Foley; 3. Mark Foley is Larry's brother and does not need to be consulted for this project (and is not a member of Murong Gialinga); 4. Jean Thornton and Darlina Verrillis are both members of Murong Gialinga – but need to be sent separate letters as they have difficulties going to meetings; and 5. all of the above are members of the Mudgee LALC, as well as TO's. A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	Telephone conversation (28 September) 0103492_L09_Deborah Foley.pdf	
Dhuuluu- Yala Aboriginal Corporation	Brian Grant	23-Sep-09	Listed in the DECCW contacts for this region. A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	0103492L07_DECCW to ERM.pdf 0103492_L09_Brian Grant.pdf	

Organisation	Contact	Date	Comment	Document reference	
Mingaan Aboriginal Corporation	Julian Bower, Helen Riley	23 Sept 09 & 16 October 09	Listed in the DECCW contacts for this region. A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology. 16 October 2009. Helen Riley has registered this group and stated that Julian Bower has 'moved on'. She requested an information pack. An email has been sent on 18 Oct informing Helen of the meeting on the 19 Oct and providing an information pack.	0103492L07_DECCW to ERM.pdf 0103492_L09_Julian Bower.pdf	40102
Mooka Traditional Owners Council	Neville Williams	23-Sep-09	Listed in the DECCW contacts for this region. A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	0103492L07_DECCW to ERM.pdf 0103492_L09_Neville Williams.pdf	
<u>Warrabinga Native Title Claimants Aboriginal Corporation</u>	<u>Wendy Lewis</u>	<u>23 Sept 09(DECCW) and 26 Sept 09 (letter)</u>	<u>Listed in the DECCW contacts for this region.</u> <u>ERM received a letter of registration dated 26 September.</u> <u>A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.</u>	<u>ERM.pdf</u> <u>0103492_L12_WNTCAC to ERM.pdf</u> <u>0103492_L09_Wendy Lewis.pdf</u>	<u>Registered 26-Sep-09</u>
Wiradjuri Council of Elders Cultural Heritage Committee	Robert Clegg	23-Sep-09	Listed in the DECCW contacts for this region. A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	0103492L07_DECCW to ERM.pdf 0103492_L09_Robert Clegg.pdf	
North-East Wiradjuri	Lyn Syme	23 Sept 09 (DECCW) & 26 Sept 09 (letter)	Listed in the DECCW contacts for this region. ERM received a letter of registration dated 26 September. A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	0103492L07_DECCW to ERM.pdf 0103492_L11_NEW to ERM.pdf 0103492_L09_Lyn Syme.pdf	Registered 26-Sep-09
North-East Wiradjuri	Bill Allen	23-Sep-09	Listed in the DECCW contacts for this region. A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	0103492L07_DECCW to ERM.pdf 0103492_L09_Bill Allen.pdf	
Aboriginal Reference Group Central West Management Authority (Central West CMA)	Chairperson (Mike Nolan)	23-Sep-09	Listed in the DECCW contacts for this region. A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	0103492L07_DECCW to ERM.pdf 0103492_L09_Chairperson_ARGCWMA.pdf	Registered 9/11/2009
Wiradjuri Traditional Owners Central West Aboriginal Corporation	Chairperson	23-Sep-09	Listed in the DECCW contacts for this region. A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	0103492L07_DECCW to ERM.pdf 0103492_L09_Chairperson_WTOCWAC.pdf	
Patricia Jean Hands	Elli Lewis	23-Sep-09	Listed in the DECCW contacts for this region. A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	0103492L07_DECCW to ERM.pdf 0103492_L09_Elli Lewis.pdf	

Organisation	Contact	Date	Comment	Document reference	
Gallangabang Aboriginal Corporation	Chairperson (Joyce Williams) & Lee Thurlow (Contact officer)	23 Sept 09 & 30 Sept 09	23 Sept - Listed in the DECCW contacts for this region. 30 Sept - Email and letters stating that they wished to be consulted for this project. ERM replied by email stating that they are officially in the list of people to be consulted. A letter received from GAC solicitors advising of the GAC NT claim. A letter (2 October 2009) has been sent (and emailed) formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology. 6 Oct. 09 – phone conversation to provide an overview of the project and confirmation the GAC will attend the meeting on the 19 Oct.	0103492L07_DECCW to ERM.pdf 0103492_E05_GAC to ERM.pdf 011009-Ltr to ERM-3088.doc 0103492_L09_Chairperson_GAC.pdf	30-Sep-09, Joyce Williams via Lee Thurlow
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Chairperson (Julie Pumpa MGATSIC Secretary)	23 Sept 09 & 25 Sept 09	Listed in the DECCW contacts for this region. A letter (25 Sept) was received by ERM. This letter states that the MGATSIC wish to be involved in the project. A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	0103492L07_DECCW to ERM.pdf 0103492L10_MGATSIC to ERM.pdf 0103492_L09_Chairperson_MGA&TSIC.pdf	
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Darlina Verrills	23-Sep-09	Listed in the DECCW contacts for this region. A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	0103492L07_DECCW to ERM.pdf 0103492_L09_Darlina Verrills.pdf	
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Larry (Mark) Foley	23-Sep-09	Listed in the DECCW contacts for this region. A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology.	0103492L07_DECCW to ERM.pdf 0103492_L09_Larry Foley.pdf	Registered 28-Sep-09
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Mark Foley	23-Sep-09	Listed in the DECCW contacts for this region. A letter (2 October 2009) has been sent formally requesting their registration, participation in the Aboriginal community stakeholder meeting (19 Oct) and feedback on the proposed survey methodology. Debbie Foley has stated that Mark Foley is the same person as Larry (Mark) Foley. Therefore no further correspondence should be sent to a Mark Foley.	0103492L07_DECCW to ERM.pdf 0103492_L09_MarkFoley.pdf	
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Debbie Foley				Registered 28-Sep-09
Stage 2 - Presentation & Methodology Advice Sent					
Organisation	Contact person (and ERM delivery method)	Date Sent	Comments	ERM Document Reference Number	
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Express Post - Deborah Foley	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Express Post – Larry Foley	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Express Post – Darlina Verrills	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Express Post - Chairperson	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
Gallangabang Aboriginal Corporation	Express Post - Chairperson	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
Patricia Jean Hands	Express Post – Elli Lewis	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
Wiradjuri Traditional Owners Central West Aboriginal Corporation	Express Post - Chairperson	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
Aboriginal Reference Group Central West Management Authority	Express Post - Chairperson	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
North East Wiradjuri	Express Post – Bill Allen	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
North East Wiradjuri	Express Post – Lyn Syme	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	

Organisation	Contact	Date	Comment	Document reference	
Wiradjuri Council of Elders Cultural Heritage Committee	Express Post – Robert Clegg	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
Warrabinga Native Title Claimants Aboriginal Corporation	Express Post – Wendy Lewis	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
Mooka Traditional Owners Council	Express Post – Neville Williams	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
Mingaan Aboriginal Corporation	Express Post – Julian Bower	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
Wirribah Direct Descendants	Express Post – Stephen Ryan	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
Dhuuluu- Yala Aboriginal Corporation	Express Post – Brian Grant	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
Mudgee Local Aboriginal Land Council	Express Post – Aleshia Lonsdale	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
Dubbo Local Aboriginal Land Council	Express Post – Uppannia Sullivan	02-Oct-09		0103492_L09_Aboriginal stakeholder information pack.doc	
DECCW	Spoke with Paul Houston on the phone and provided him with an update of the project. DECCW are invited to the community meeting on Monday and may attend.	14-Oct-09			
Stage 3 - Attendees present at the initial stakeholder meeting (Dunedoo Jubilee Hall 19 October 2009)					
Organisation	Representative		Pertinent Comment made during the meeting		
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis		Stated that the WNTCAC are the Traditional Owners for the eastern side of the study area (to the Mudgee border). Left the meeting early before the Aboriginal community discussion to select the stakeholder groups to be involved on the survey. Asked for Tim Owen to state that they wished to be involved in the field survey. This statement was put to the group at the commencement of the discussion with respect to whom should be involved in the survey.		
	Kevin Williams		Left the meeting early before the Aboriginal community discussion to select the stakeholder groups to be involved on the survey.		
North-East Wiradjuri	Lyn Syme		Left the meeting early before the Aboriginal community discussion to select the stakeholder groups to be involved on the survey.		
Gallangabang Aboriginal Corporation	John Riley				
	Lee Thurlow		Contact point for GAC.		
			Asked many questions relating to the mining and the assessment. Does not believe that the Part 3a assessment process is fair and that it will result in holistic impacts to Aboriginal heritage which are unmitigated.		
	Jonny Ely				
	Joyce Williams				
	Violet Carr				
	Jane Austin				
	Darren Martin				
	Steve Parkes				
Solicitor for the Wellington Valley Native Title Claim, applicant Joyce Williams	Philip Teitzel				
Dubbo Local Aboriginal Land Council	Thomas Toomey		Contact point for DLALC.		
Mudgee Local Aboriginal Land Council	Aleshia Lonsdale		Contact point for MLALC.		
Nanima Progress GM (?)	Neville Brown				
	Paul Melown				
Stewart Family	Michael Coxsedg				
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Debbie Foley				
	Larry Foley		Contact point for MGATSIC.		
			Stated that an anthropological study should be undertaken prior to the survey to determine who should be consulted and involved.		

Organisation	Contact	Date	Comment	Document reference	
Wellington Traditional Owner	Wayne Carr		Stated that a map will be provided which defines the boundary between the Wellington and Wiradjuri TO's.		
			In response to the statement that the WNTCAC and NEW should be involved in the project, WC stated that they were not Traditional Owners of the area and should not be involved in the project.		
NSWALC/ Thabbagah/WDD	Stephen Ryan		Contact point for WDD.		
			In response to the statement that the WNTCAC and NEW should be involved in the project, SR stated that they were not Traditional Owners of the area and should not be involved in the project.		
Registered on 16 October 2009, but not present at the meeting					
Mingaan Aboriginal Corporation	Helen Riley	Not present at the meeting.			
Post Meeting Comments and Letters received by ERM between 19 October and 24 December 2009					
Organisation	Representative		Comments	ERM Document Reference Number	
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis		20 October 2009. Phone call. Wendy has expressed strong sentiment because her group was not selected for inclusion in the field survey. She wished to complain to the DECCW, and I have provided her with Paul Houston's phone number.	0103492 All Groups Post Meeting 19 Oct_L13 ERM to All groups.pdf	
			A letter has been sent (fax) to Wendy stating the outcomes of the Aboriginal community consultation meeting.	0103492_F01_ERM to WL.doc	
			22 Oct 2009. Wendy has requested a fax providing clarification of Stephen Ryan's comments during the stakeholder discussion.	0103492_F02_WNTCAC to ERM.pdf	
			26 Oct 2009. Two faxes sent to ERM; the first stating their position with respect to Native Title and inclusion on the field survey. The second detailing the outcomes of Native Title decisions.	0103492_F03_WNTCAC to ERM.pdf	
	Kevin Williams		20 October 2009. Phone call. Kevin has stated that he believes that there are people who are not Traditional Owners who have been included on the survey.		
			20 October 2009. Kevin asked that the letter detailing the outcomes of the meeting be sent to Lyn Syme.		
North-East Wiradjuri	Lyn Syme		20 October 2009. A letter has been sent (email) to Lyn stating the outcomes of the Aboriginal community consultation meeting.	0103492 All Groups Post Meeting 19 Oct_L13 ERM to All groups.pdf	
Gallangabang Aboriginal Corporation	GAC delivered through Steve Parks		Aboriginal cultural heritage assessment report detailing the outcomes of the first survey and the cultural heritage significance of the sites and places to the GAC. The report includes guidelines for heritage conservation. Received 1 December 2009.	0103492_GAC to ERM_Final Report Survey 1.pdf	
	Philip Teitzel		Email (4 December 2009) clarifying the area identified by the GAC under their NT claim. An A4 colour map was attached to the email. Wayne Car confirmed (7 December <i>pers comm</i>) that the map provided represents the Wellington Aboriginal people's traditional boundary.	0103492_E011_GAC to ERM.pdf	
				0103492_GAC to ERM_Final Claim Map in colour.pdf	
	Lee Thurlow		Contact point for GAC for the field survey.	0103492 All Groups Post Meeting 19 Oct_L13 ERM to All groups.pdf	
			20 October 2009. A letter has been sent (email) to Lee stating the outcomes of the Aboriginal community consultation meeting.	0103492_L14_ERM to Field Survey Team.pdf	
			A letter has been sent detailing this group's involvement in the field survey.		

Organisation	Contact	Date	Comment	Document reference	
Dubbo Local Aboriginal Land Council	Thomas Toomey		Contact point for DLALC for the field survey.	0103492 All Groups Post Meeting 19 Oct_L13 ERM to All groups.pdf	
			20 October 2009. A letter has been sent (email) to Thomas stating the outcomes of the Aboriginal community consultation meeting.	0103492_L14_ERM to Field Survey Team.pdf	
			A letter has been sent detailing this group's involvement in the field survey.		
Mudgee Local Aboriginal Land Council	Aleshia Lonsdale		Contact point for MLALC for the field survey.	0103492 All Groups Post Meeting 19 Oct_L13 ERM to All groups.pdf	
			20 October 2009. A letter has been sent (email) to Aleshia stating the outcomes of the Aboriginal community consultation meeting.	0103492_L14_ERM to Field Survey Team.pdf	
			A letter has been sent detailing this group's involvement in the field survey.		
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Larry Foley		Contact point for MGATSIC for the field survey.	0103492 All Groups Post Meeting 19 Oct_L13 ERM to All groups.pdf	
			20 October 2009. A letter has been sent (email) to Larry (via Debbie's email) stating the outcomes of the Aboriginal community consultation meeting.	0103492_L14_ERM to Field Survey Team.pdf	
			A letter has been sent detailing this group's involvement in the field survey.		
NSWALC/ Wirrimbah Direct Descendants	Stephen Ryan		Contact point for WDD for the field survey.	0103492 All Groups Post Meeting 19 Oct_L13 ERM to All groups.pdf	
			20 October 2009. A letter has been sent (email) to Stephen stating the outcomes of the Aboriginal community consultation meeting.	0103492_L14_ERM to Field Survey Team.pdf	
			A letter has been sent detailing this group's involvement in the field survey.		
Mingaan Aboriginal Corporation	Helen Riley		20 October 2009. A letter has been sent (email) to Helen stating the outcomes of the Aboriginal community consultation meeting.	0103492 All Groups Post Meeting 19 Oct_L13 ERM to All groups.pdf	
DECCW	Paul Houston		20 October 2009. Phone call to Paul to provide him with an update of the community meeting. I have informed him of who and who was not selected by the Aboriginal community to attend the field survey. Paul will ring Wendy Lewis and explain the Aboriginal community consultation process.	0103492 All Groups Post Meeting 19 Oct_L13 ERM to All groups.pdf	
			The letter stating the outcomes of the Aboriginal community consultation meeting has been CC to the DECCW.		
Central West CMA	Mike Nolan		28 October 2009. Email from Mike asking about the project and requesting that ARG members be involved in the process.	0103492_E06_CMA to ERM.pdf	
Report and Comments Received Post Field Survey 1					
Organisation	Person	Date	Comments	Reference	
GAC	Lee Thurlow	11-Nov	Report from the GAC detailing the background to the area, the outcomes of the survey and management recommendations requested by the GAC.	Survey Report - Cobbora Coal Project - Aboriginal Heritage Assessment Nov 2009.pdf	
MGATSIC	Debbie Foley	20-Dec	An email on the 20 December received providing comment on the cultural significance of the sites and places recorded during the survey.	0103492_E010_MGATSIC to ERM.pdf	
Invitations to Second Aboriginal Community Open Day					
Organisation	Person	Date	Notes/Comments/Confirmation of meeting attendance	Reference	
Dubbo Local Aboriginal Land Council	Uppannia Sullivan	6 Jan. 10	Letter (express posted) and email inviting the group to the open day on 8 February 2010.	0103492L16 Uppannia Sullivan.pdf	

Organisation	Contact	Date	Comment	Document reference	
			A CD with all site data (AHIMS cards, all photographs and GIS mapping) from the field survey has provided.		
Mudgee Local Aboriginal Land Council	Aleshia Lonsdale	6 Jan. 10	Letter (express posted) and email inviting the group to the open day on 8 February 2010.	0103492L16 Aleshia Lonsdale.pdf	
			A CD with all site data (AHIMS cards, all photographs and GIS mapping) from the field survey has provided.		
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis	6 Jan. 10	Letter (express posted) inviting the group to the open day on 8 February 2010.	0103492L16 Wendy Lewis.pdf	
			A CD with all site data (AHIMS cards, all photographs and GIS mapping) from the field survey has provided.		
North-East Wiradjuri	Lyn Syme	6 Jan. 10	Letter (express posted) and email inviting the group to the open day on 8 February 2010.	0103492L16 Lyn Syme.pdf	
			A CD with all site data (AHIMS cards, all photographs and GIS mapping) from the field survey has provided.		
Wirimbah Direct Descendants	Stephen Ryan	6 Jan. 10	Letter (express posted) and email inviting the group to the open day on 8 February 2010.	0103492L16 Stephen Ryan.pdf	
			A CD with all site data (AHIMS cards, all photographs and GIS mapping) from the field survey has provided.		
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Debbie Foley and Larry Foley	6 Jan. 10	Letter (express posted) and email inviting the group to the open day on 8 February 2010.	0103492L16 Julie Pumpa Larry Foly.pdf	
			A CD with all site data (AHIMS cards, all photographs and GIS mapping) from the field survey has provided.		
Gallangabang Aboriginal Corporation	Joyce Williams, via Lee Thurlow	6 Jan. 10	Letter (express posted) and email inviting the group to the open day on 8 February 2010.	0103492L16 Lee Thurlow.pdf	
			A CD with all site data (AHIMS cards, all photographs and GIS mapping) from the field survey has provided.		
Mingaan Aboriginal Corporation	Helen Riley	6 Jan. 10	Letter (express posted) and email inviting the group to the open day on 8 February 2010.	0103492L16 Helen Riley.pdf	
			Email (25 Jan. 10) (HR to TO) stating that members of her group will attend the open day.	0103492_E015_HR to ERM.pdf	
Central West CMA	Mike Nolan	6 Jan. 10	Letter (express posted) and email inviting the group to the open day on 8 February 2010.	0103492L16 Mike Nolan.pdf	
			Email (12 Jan. 10) (MN to TO) stating that MN and Dave Maynard will attend the open day.		
DECCW	Paul Huston	6 Jan. 10	Letter (express posted) and email inviting the Paul to the open day on 8 February 2010.	0103492L16 Paul Huston.pdf	
			A CD with all site data (AHIMS cards, all photographs and GIS mapping) from the field survey has provided.		
Aboriginal Representatives Present at the second community open day (Dunedoo Jubilee Hall), 8 February 2010					
Organisation	Representative Present		Pertinent comments made during the meeting		
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis		Provided feedback with respect to regional site patterning and content.		
	Robyn Williams				
North-East Wiradjuri	Lyn Syme				

Organisation	Contact	Date	Comment	Document reference	
			Several questions were asked following the main presentation. Discuss lasted for around 45 mins and provided JR with a complete overview of all the results from the survey, details of how the Part 3A process works and the likely mitigation process to be implemented. JR provided feedback that the data ERM has provided to date has not been disseminated through the community and that in community meetings questions have been raised with respect to the heritage assessment and overall project. These questions have not been raised directly with ERM. The conversation was left with JR believing that ERM is undertaking the assessment correctly and that he will disseminate this information back to the group.		
Gallangabang Aboriginal Corporation	John Riley				
Dubbo Local Aboriginal Land Council	Thomas Toomey				
	Terry Toomey				
			Discussed the outcomes of the survey and likely timeframes for assessment.		
	Uppania Sullivan				
Mudgee Local Aboriginal Land Council	Aleshia Lonsdale				
	Tony Lonsdale				
	Jasmine Oakenfull				
	Brendan Sales				
			Asked several questions with respect to the Part 3A process and especially the need for community significance assessment. These questions were addressed on the following days of field survey when time permitted a longer discussion.		
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Debbie Foley				
			Has provided a completed questionnaire detailing her views on Aboriginal heritage across the PAA.		
			Has provided a completed questionnaire detailing his views on Aboriginal heritage across the PAA.		
	Larry Foley				
	Cliff Foley				
	Lavina Flick				
	Jedda Flick				
			Stated that WDD could not provide any feedback without a draft report. Wanted to see three key aspects addressed: the significance assessment cannot be provided before a draft report is read; the mitigation strategy should be determined through an Aboriginal working group discussion with the mining company and some sort of agreement to be reached; a timeframe for the overall assessment process.		
NSWALC/ Thabbagah/WDD	Stephen Ryan				
			ERM requested that WDD consider providing statements of significance for the overall place, and the sites recorded during field survey, as this view point does not require a draft report for review. ERM will provide all stakeholders with a draft timetable for the project.		
			Requested, by email, a digital version of the questionnaire.		
Further ERM correspondence					
Organisation			Comment	ERM Document Reference Number	
Gallangabang Aboriginal Corporation			Letter of Demand for unpaid invoice	070110-Ltr of demand to ERM-4037	
			Report	0103492 GAC to ERM. Final Report Survey 1	
			request to ERM for agreement for work	cultural heritage assessment agreement	
			Invoice letter	field survey	
ALL FURTHER STAGES MANAGED BY EMM					
Introductory Letters sent to all previously registered Aboriginal Stakeholders					
Organisation	Contact	Date Sent	Comments	EMM Document Reference Number	Delivery Confirmation

Organisation	Contact	Date	Comment	Document reference	
Dubbo Local Aboriginal Land Council	Uppannia Sullivan	18-Aug-11	Sent Registered Post, Reference Number - 505629099010	J110130AH_L01_1stNoticeMERGED_18Aug11 (word) J110130AH_L01_1stNoticeMERGED_18Aug11 (pdf)	Yes - 23.8.11
Mudgee Local Aboriginal Land Council	Aleshia Lonsdale	18-Aug-11	Sent Registered Post, Reference Number - 505676825013	J110130AH_L01_1stNoticeMERGED_18Aug11 (word) J110130AH_L01_1stNoticeMERGED_18Aug11 (pdf)	Yes - 22.8.11
Wirimbah Direct Descendants	Stephen Ryan	18-Aug-11	Sent Registered Post, Reference Number - 505676824016	J110130AH_L01_1stNoticeMERGED_18Aug11 (word) J110130AH_L01_1stNoticeMERGED_18Aug11 (pdf)	One letter lost by post office. Phone call by RM to SR sorted out the right address and letter was resent 25.8.11
Mingaan Aboriginal Corporation	Helen Riley	18-Aug-11	Sent Registered Post, Reference Number - 505676823019	J110130AH_L01_1stNoticeMERGED_18Aug11 (word) J110130AH_L01_1stNotice_LS_17 Oct, J11030AH_L02_Methodology_LS_17 Oct J110130AH_L01_1stNoticeMERGED_18Aug11 (pdf)	Repeated phone calls to ascertain her whereabouts, she was in the car with Wendy Lewis on 17-Oct-11. She advised she will do her best to attend the meeting. RM got revised contact details and set out the introductory letter and the methodology letter to the new address and via email
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis	18-Aug-11	Sent Registered Post, Reference Number - 505676822012	J110130AH_L01_1stNoticeMERGED_18Aug11 (word) J110130AH_L01_1stNoticeMERGED_18Aug11 (pdf)	Yes - 19.8.11
North-East Wiradjuri	Lyn Syme	18-Aug-11	Sent Registered Post, Reference Number - 505676821015	J110130AH_L01_1stNoticeMERGED_18Aug11 (word) J110130AH_L01_1stNoticeMERGED_18Aug11 (pdf)	Yes - 22.8.11 Letter returned unopened with a 'not at this address' sticker attached.
Aboriginal Reference Group Central West Management Authority	Mike Nolan	18-Aug-11	Sent Registered Post, Reference Number - 505676820018	J110130AH_L01_1stNoticeMERGED_18Aug11 (word) J110130AH_L01_1stNoticeMERGED_18Aug11 (pdf)	Yes - 22.8.11
Gallangabang Aboriginal Corporation	Joyce Williams	18-Aug-11	Sent Registered Post, Reference Number - 505676819012	J110130AH_L01_1stNoticeMERGED_18Aug11 (word) J110130AH_L01_1stNoticeMERGED_18Aug11 (pdf)	Yes- 22.8.11
Gallangabang Aboriginal Corporation	Lee Thurlow	18-Aug-11	Sent Registered Post, Reference Number - 505676818015	J110130AH_L01_1stNoticeMERGED_18Aug11 (word) J110130AH_L01_1stNoticeMERGED_18Aug11 (pdf)	Yes - 22.8.11
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Larry (Mark) Foley	18-Aug-11	Sent Registered Post, Reference Number - 505676817018	J110130AH_L01_1stNoticeMERGED_18Aug11 (word) J110130AH_L01_1stNoticeMERGED_18Aug11 (pdf)	Yes - 22.8.11
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Deborah Foley	18-Aug-11	Sent Registered Post, Reference Number - 505676816011	J110130AH_L01_1stNoticeMERGED_18Aug11 (word) J110130AH_L01_1stNoticeMERGED_18Aug11 (pdf)	Yes - 22.8.11
Feedback from introductory letter					
Organisation	Contact person	Date Rec'd	Feedback Received		
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Deborah Foley	Phone Call 23.8.11	Phone call to Phil Towler stating she is the main contact person.		
Following up introductory letter					
Organisation	Contact Person		Details	EMM document reference number	
Mingaan Aboriginal Corporation	Helen Riley		Emailed her the introductory letter 30-Sep	J11030_EM01_RM to HR 30 Sep	
Wirimbah Direct Descendants	Stephen Ryan		Phone call to supplied number 4/10/11 no answer. Email to supplied email, no response.		
North-East Wiradjuri	Lyn Syme		Phone call to supplied number 4/10/11 no answer.		
Central West Management Authority	Mike Nolan		Called supplied numbers, 4/10/11 no answer. Called the CMA office, was notified that Mike no longer works for them and to contact Jen Shearing. Left a message on her phone.		

Organisation	Contact	Date	Comment	Document reference	
Introductory Letter follow up call.					
Organisation	Contact Person		Details		
Dubbo Local Aboriginal Land Council	Uppannia Sullivan		Spoke on phone 5/10/11. Updated contact details		
Mudgee Local Aboriginal Land Council	Aleshia Lonsdale		Spoke on phone 5/10/11. Updated contact details. Informed that Tony Lonsdale is the primary contact for MLALC		
Wirimbah Direct Descendants	Stephen Ryan		N/A		
Mingaan Aboriginal Corporation	Helen Riley		N/A		
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis		left a message 5/10/11.		
North-East Wiradjuri	Lyn Syme		N/A		
Aboriginal Reference Group Central West Management Authority	Mike Nolan		N/A		
Gallangabang Aboriginal Corporation	Joyce Williams		5/10/11 cannot contact, no contact details supplied		
Gallangabang Aboriginal Corporation	Lee Thurlow		5/10/11 tried to call, phone number supplied didn't work		
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Larry (Mark) Foley		N/A		
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Deborah Foley		left a message 5/10/11.		
Methodology Letter Sent					
Organisation	Contact Person		Details	EMM document reference number	Delivery Confirmation
Dubbo Local Aboriginal Land Council	Uppannia Sullivan		Sent Registered post 5/10/11 Ref No 505441463013	J11030AH_L02_MethodologyMERGED_5Oct11	40826
Mudgee Local Aboriginal Land Council	Tony Lonsdale cc Aleisha Lonsdale		Sent Registered post 5/10/11 Ref No 505441462016	J11030AH_L02_MethodologyMERGED_5Oct11	40826
Wirimbah Direct Descendants	Stephen Ryan		Sent Registered Post 7/10/11 Ref No 505441469015	J11030AH_L02_MethodologyMERGED_5Oct11	40826
Mingaan Aboriginal Corporation	Helen Riley		Sent Registered Post 7/10/11 Ref No 505441470011	J11030AH_L02_MethodologyMERGED_5Oct11	No confirmation, no returned letter
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis		Sent Registered Post 5/10/11 Ref No 505441464010	J11030AH_L02_MethodologyMERGED_5Oct11	40822
North-East Wiradjuri	Lyn Syme		Sent registered post 17/10/11 Ref No 505441471018	J11030AH_L02_MethodologyMERGED_5Oct11	No confirmation, no returned letter
Aboriginal Reference Group Central West Management Authority	Jen Shearing		Sent Registered Post 5/10/11 Ref No 505441465017	J11030AH_L02_MethodologyMERGED_5Oct11	40826
Gallangabang Aboriginal Corporation	Joyce Williams		Sent Registered Post 5/10/11 Ref No 505441467011	J11030AH_L02_MethodologyMERGED_5Oct11	40823
Gallangabang Aboriginal Corporation	Lee Thurlow		Sent Registered Post 5/10/11 Ref No 505441468018	J11030AH_L02_MethodologyMERGED_5Oct11	40823
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Deborah Foley cc Larry Foley		Sent Registered Post 5/10/11 Ref No 505441466014	J11030AH_L02_MethodologyMERGED_5Oct11	40823
Agency Request Letter Sent					
Organisation	Contact Person	Date	Details	EMM document reference number	Response Received?
Dubbo Local Aboriginal Land Council	The Secretary	6-Oct-11	Express Post Ref No 029528534095	J11030AH_L03_AgencyRequestMERGED_6Oct11	No
Mudgee Local Aboriginal Land Council	The Secretary	6-Oct-11	Express Post Ref No 29528535092	J11030AH_L03_AgencyRequestMERGED_6Oct11	No
Office of Environment and Heritage	Phil Purcell	6-Oct-11	Express Post Ref No 295928536099	J11030AH_L03_AgencyRequestMERGED_6Oct11	Received response 14 October 2011
Warrumbungle Shire Council	The General Manager	6-Oct-11	Express Post Ref No 029528537096	J11030AH_L03_AgencyRequestMERGED_6Oct11	No
Mid-Western Regional Council	The General Manager	6-Oct-11	Express Post Ref No 029528538093	J11030AH_L03_AgencyRequestMERGED_6Oct11	Faxed response 17 October 2011
Wellington Council	The General Manager	6-Oct-11	Express Post Ref No 029510076091	J11030AH_L03_AgencyRequestMERGED_6Oct11	Phone call response 18 October 2011
Aboriginal Reference Group Central West Management Authority	Aboriginal Reference Group	6-Oct-11	Express Post Ref No 029510077098	J11030AH_L03_AgencyRequestMERGED_6Oct11	Response received 3.11.11
National Native Title Tribunal	The Secretary	6-Oct-11	Express Post Ref No 029510078095	J11030AH_L03_AgencyRequestMERGED_6Oct11	Response received 20.10.11
Native Title Services Corporation Ltd	The Secretary	6-Oct-11	Express Post Ref No 0295100079092	J11030AH_L03_AgencyRequestMERGED_6Oct11	No
Stakeholder Meeting Communication					
Organisation	Contact Person	Date	Details	EMM document reference number	Action
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Debbie Foley	10-Oct-11	10/10/11 Debbie Foley called NB to discuss stakeholder meeting. She will be attending the stakeholder meeting. She indicated she was unable to attend the November fieldwork due to a holiday. NB offered a site visit at a time convenient to her after the fieldwork and DF indicated she would be able to send others in her place.	J11030AH_ResponseMG to RM_10 Oct_files	

Organisation	Contact	Date	Comment	Document reference	
Wellington Valley Wiradjuri Aboriginal Corporation (WVWAC)	Stephen Parkes	10-Oct-11	Received an email from WVWAC indicating they have taken over from Gallangabang Aboriginal Corporation and would like to be registered as stakeholders	J11030AH_Response_WVWAC to RM_10 Oct_files, J11030AH_Response_WVWAC to RM_10 Oct, J11030AH_Response_WVWAC to RM_10 Oct	WVWAC registered as stakeholders, however Gallangabang Aboriginal Corporation still exists and so is still a stakeholder
Dubbo Local Aboriginal Land Council	Uppannia Sullivan	17-Oct-11	Called her on 17/10/11 indicated that two representatives will be attending the meeting		
Mudgee Local Aboriginal Land Council	Tony Lonsdale	17-Oct-11	Called him on 17/10/11 he indicated that one representative will be attending the meeting.		he called, stating that the representative will be, David Maynard
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis	17-Oct-11	Called her on 17/10/11 and she indicated that she will be able to attend the meeting. In the same conversation also spoke to Lyn Syme		
North-East Wiradjuri	Lyn Syme	17-Oct-11	Spoke to her during the conversation with Wendy Lewis, she will do her best to attend the meeting. RM got revised contact details and set out the introductory letter and the stakeholder letter to the new address and via email	J110130AH_L01_1stNotice_LS_17 Oct, J11030AH_L02_Methodology_LS_17 Oct	introductory letter sent 17-Oct-11, North East-Wiradjuri registered as stakeholders 18-Oct-11
Aboriginal Reference Group Central West Management Authority	Jen Shearing	20-Oct-11	Left message 1.52pm. 20/10/11 spoke to her about the project. She indicated that the ARG was a body which would suggest possible stakeholders and that a response to the letters was being drafted.		
Mingaan Aboriginal Corporation	Helen Riley (Treasurer)	17-Oct-11	After consultation with Paul Houston OEH emailed another email address		received response 18/10/11 and sent the methodology letter. Document issues on Helen's end but she received the posted items. Registered as stakeholder 18-Oct -11
Wirrimbah Direct Descendants	Coral Peckham		After consultation with Paul Houston called another number, it did not work.		
Gallangabang Aboriginal Corporation			Was told by Paul that it has become the WVWAC		
Binjang Wiradjuri Aboriginal Heritage Surveys	Dorothy Stewart		Asked to be registered as a stakeholder 20/10/11.		Emailed her the methodology letter.
Representatives Present at Stakeholder Meeting 21 October 2011					
Dunedoo					
Organisation	Contact Person				
Warrabinga	Kevin J Williams				
Warrabinga	Wendy Anne Lewis				
North East Wiradjuri	Lyn Syme				
Binjang	Jamie Gray Senior				
Binjang	Dot Stewart				
Binjang	James Gray JR				
Binjang	Roderic Gray JR				
Mudgee Local Aboriginal Land Council	John Newton				
Mudgee Local Aboriginal Land Council	David Maynard				
Murong Gialinga	Debbie Foley				
Murong Gialinga	Larry Foley				
Wirrimbah Direct Descendants Aboriginal Corporation	Stephen Ryan				
Mingaan	Elwin Waltende				
Mingaan	Helen Riley				
Wellington Valley Aboriginal Corporation	Joyce Williams				
Wellington Valley Aboriginal Corporation	Violet Carr				
Wellington Valley Aboriginal Corporation	Brian Doherty				
Cobbora Holding Company	Trish McDonald				
EMM	Neville Baker				
EMM	Rebecca Moore				
National Management Consultants Pty Ltd	Tony Hanrahan				
Further Stakeholder Identification					
Agency	Contact type	Date	Comment	Response	Document Reference Number
Dubbo LALC	Letter	06-Oct-11	Sir/Madam	No response	J11030AH_L03_AgencyRequestMERGED_6Oct11
Mudgee LALC	Letter	06-Oct-11	Sir/Madam	No response	J11030AH_L03_AgencyRequestMERGED_6Oct11
OEH	Letter	06-Oct-11	Phil Purcell	Yes 14 Oct 11	J11030AH_L03_AgencyRequestMERGED_6Oct11 J11030AH_ResponseOEH to RM_14 Oct
Warrumbungle Shire	Letter	06-Oct-11	Sir/Madam	No response	J11030AH_L03_AgencyRequestMERGED_6Oct11

Organisation	Contact	Date	Comment	Document reference	
Mid-Western Regional Council	Letter	06-Oct-11	The General Manager	Yes 17 Oct 11	J11030AH_L03_AgencyRequestMERGED_60Oct11 J11030AH_ResponseMWRC to RM_17 Oct
Wellington Council	Letter	06-Oct-11	The General Manager	Yes 31 Oct 11	J11030AH_L03_AgencyRequestMERGED_60Oct11
Central West Catchment Management Authority	Letter	06-Oct-11	Aboriginal Reference Group	Yes 3 Nov 11	J11030AH_L03_AgencyRequestMERGED_60Oct11
National Native Title Tribunal	Letter	06-Oct-11	Sir/Madam	Yes 20 Oct 11	J11030AH_L03_AgencyRequestMERGED_60Oct11
Native Title Services Corporation Ltd	Letter	06-Oct-11	Sir/Madam	No response	J11030AH_L03_AgencyRequestMERGED_60Oct11
Letters of Registration to identified stakeholders					
Organisation	Name	Date	Document Reference Number	Response	Document Reference Number
	Bill Allen	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	Letter sent express post 029027508092
	Darlina Verrills	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	letter sent express post 029027509099
	David Maynard	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	Letter sent express post 029027510095
Dhuuluu-Yala Aboriginal Corporation	Chairperson	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	Letter sent express post 029027507095
	Jean Thornton	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	Letter sent express post 028525106090
Mooka (Traditional Owners council)	Neville Williams	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	Letter sent express post 028525107097
Wiradjuri Council of Elders	Robert Clegg	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	Letter sent express post 028525108094
			J11030AH_InviteRegistration_MERGED_19Oct11	No response	letter sent express post 028525109091
Wiradjuri traditional owners Central West Aboriginal Corporation	Chairperson	19-Oct-11			
Gilgandra LALC	Chairperson	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	letter sent express post 028525110097
Chair, Pilliga Nature reserve Consultative Committee	Maureen Sulter	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	letter sent express post 028510837091
Patricia Jean Hands	Ellie Lewis	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	letter sent express post 028510838098
	Kevin Sampson	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	letter sent express post 028510839095
Central West Catchment Management Authority	Aboriginal Reference Group	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	letter sent express post 028510840091
Bathurst LALC	Toni Lee	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	letter sent express post 028510841098
Wanaruah LALC	Secretary	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	letter sent express post 028510694090
Orange LALC	Secretary	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	letter sent express post 028510695097
Wellington LALC	Secretary	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	letter sent express post 028510696094
	Christine Maynard	19-Oct-11	J11030AH_InviteRegistration_MERGED_19Oct11	No response	letter sent express post 028510697091
	Brett Hill	14-Nov-11	J11030AH_InviteRegistrationmailout2_MERGED_14Nov	No response	letter sent express post
Dubbo Medical Service	Secretary	14-Nov-11	J11030AH_InviteRegistrationmailout2_MERGED_14Nov	No response	letter sent express post
Tubba gah native title claimants	Secretary	14-Nov-11	J11030AH_InviteRegistrationmailout2_MERGED_14Nov	No response	letter sent express post
Aboriginal Affairs Dubbo Office	Tony Fuller	14-Nov-11	J11030AH_InviteRegistrationmailout2_MERGED_14Nov	Yes - registered as government agency	response 20-Nov-11
Wellington Aboriginal Medical Service	Secretary	14-Nov-11	J11030AH_InviteRegistrationmailout2_MERGED_14Nov	No response	letter sent express post
	Jenny Williams	14-Nov-11	J11030AH_InviteRegistrationmailout2_MERGED_14Nov	Yes - registered	response 20-Nov-11
Fieldwork participation invite for 21 - 22 February 2012					
Organisation	Name	Date	Document Reference Number	Response	
Dubbo Local Aboriginal Land Council	Uppania Sullivan	17-Feb-12	J11030AH_L08_fieldwork and update_6Feb12 sent 7-Feb12	Phone call to say someone should be available - 17 Feb -12	
Mudgee Local Aboriginal Land Council	Tony Lonsdale	15-Feb-12	J11030AH_L08_fieldwork and update_6Feb12 sent 7-Feb12	attendance confirmed by phone call 15-Feb-12	
Wirimbah Direct Descendants Aboriginal Corporation	Stephen Ryan	17-Feb-12	J11030AH_L08_fieldwork and update_6Feb12 sent 7-Feb12	No answer	
			J11030AH_L08_fieldwork and update_6Feb12 sent 7-Feb12	Phone call to Helen in morning, returned in afternoon, confirmed a representative will be present. Asked for written confirmation.	
Mingaa Aboriginal Corporation	Helen Riley	10-Feb-12	J11030AH_L08_fieldwork and update_6Feb12 sent 7-Feb12	Phone call to Wendy, confirmed a representative will be present for Warrabinga and New Co 10-Feb-12	
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis	10-Feb-12	J11030AH_L08_fieldwork and update_6Feb12 sent 7-Feb12	phone call response 16-Feb-12	
North-East Wiradjuri Co. Limited	Lyn Syme	16-Feb-12	J11030AH_L08_fieldwork and update_6Feb12 sent 7-Feb12	phone call response 16-Feb-12	
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Debbie Foley	16-Feb-12	J11030AH_L08_fieldwork and update_6Feb12 sent 7-Feb12	letter sent 16-Feb-12	
Wellington Valley Wiradjuri Aboriginal Corporation	Brad Bliss	16-Feb-12	J11030AH_L08_fieldwork and update_6Feb12 sent 7-Feb12	Email confirming a representative will be present 12-Feb-12	
Binjang Wellington Wiradjuri heritage survey	Dorothy Stewart	12-Feb-12	J11030AH_L08_fieldwork and update_6Feb12 sent 7-Feb12		
5 March meeting invitation					
Organisation	Name	Date	Document Reference Number	Response	
Dubbo Local Aboriginal Land Council	Uppannia Sullivan	24-Feb-12	J11030AH_L09_MeetingInviteMERGED_24Feb12	will be able to attend	
Mudgee Local Aboriginal Land Council	Tony Lonsdale	24-Feb-12	J11030AH_L09_MeetingInviteMERGED_24Feb12	will be able to attend	
Wirimbah Direct Descendants Aboriginal Corporation	Stephen Ryan	24-Feb-12	J11030AH_L09_MeetingInviteMERGED_24Feb12	will be able to attend	
Mingaa Aboriginal Corporation	Helen Riley	24-Feb-12	J11030AH_L09_MeetingInviteMERGED_24Feb12	29-Feb-12 A subsequent phone call stated that one representative should be present	
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis	24-Feb-12	J11030AH_L09_MeetingInviteMERGED_24Feb12	29-Feb-12 Kevin Williams email to say he would be present.	
North-East Wiradjuri Co. Limited	Lyn Syme	24-Feb-12	J11030AH_L09_MeetingInviteMERGED_24Feb12	will be able to attend	

Organisation	Contact	Date	Comment	Document reference	
Aboriginal Reference Group Central West Management Authority	Joedie Davis	24-Feb-12	J11030AH_L09_MeetingInviteMERGED_24Feb12	will be able to attend	
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Deborah Foley	24-Feb-12	J11030AH_L09_MeetingInviteMERGED_24Feb12	Phone call to NB stated that two representatives should be present	
Wellington Valley Wiradjuri Aboriginal Corporation	Bradley Bliss	24-Feb-12	J11030AH_L09_MeetingInviteMERGED_24Feb12	will be able to attend	
Binjang Wellington Wiradjuri heritage survey	Dorothy Stewart	24-Feb-12	J11030AH_L09_MeetingInviteMERGED_24Feb12	29-Feb-12 A subsequent phone call stated that three representatives would be present	
Aboriginal Affairs Dubbo Office	Tony Fuller	24-Feb-12	J11030AH_L09_MeetingInviteMERGED_24Feb12	29-Feb-12 A subsequent phone call stated that two representatives would be present	
	Jenny Williams	24-Feb-12	J11030AH_L09_MeetingInviteMERGED_24Feb12	no response	
5 March meeting attendance					
Organisation	Name	Date	Document Reference Number	Response	
Dubbo Local Aboriginal Land Council	Paul Carr				
Dubbo Local Aboriginal Land Council	Charlie Trindall				
Mudgee Local Aboriginal Land Council	Tony Lonsdale				
Mudgee Local Aboriginal Land Council	John Newton				
Wirimbah Direct Descendants Aboriginal Corporation/MLALC	Stephen Ryan				
Mingaan Aboriginal Corporation					
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis				
Warrabinga Native Title Claimants Aboriginal Corporation	Kevin Williams				
North-East Wiradjuri Co. Limited	Robyn Williams				
Aboriginal Reference Group Central West Management Authority					
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Debbie Foley				
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Larry Foley				
National Management Consultants	Tony Hanrahan				
EMM	Neville Baker				
EMM	Rebecca Moore				
EMM/CHC	Trish McDonald				
CHC	Greg Hartley				
CHC	Tony White				
Aboriginal Affairs Dubbo	Rebecca Suckling				
Aboriginal Affairs Dubbo	Tony Fuller				
	Jenny Williams				
	Cliff Foley				
Draft Report Issued and responses					
Organisation	Name	Date	Document Reference Number	Response	
Dubbo Local Aboriginal Land Council	Uppannia Sullivan	15-Mar-12	J11030AH_RP01_DRAFT Report_15Mar12	none	
Mudgee Local Aboriginal Land Council	Tony Lonsdale	15-Mar-12	J11030AH_RP01_DRAFT Report_15Mar12	none	
Wirimbah Direct Descendants Aboriginal Corporation	Stephen Ryan	15-Mar-12	J11030AH_RP01_DRAFT Report_15Mar12	An email stating their support for the proposed management measures	
Mingaan Aboriginal Corporation	Helen Riley	15-Mar-12	J11030AH_RP01_DRAFT Report_15Mar12	none	
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis	15-Mar-12	J11030AH_RP01_DRAFT Report_15Mar12	none	
North-East Wiradjuri Co. Limited	Lyn Syme	15-Mar-12	J11030AH_RP01_DRAFT Report_15Mar12	none	
Aboriginal Reference Group Central West Management Authority	Joedie Davis	15-Mar-12	J11030AH_RP01_DRAFT Report_15Mar12	non	
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Deborah Foley	15-Mar-12	J11030AH_RP01_DRAFT Report_15Mar12	A letter detailing their concerns with management measures	
Wellington Valley Wiradjuri Aboriginal Corporation	Bradley Bliss	15-Mar-12	J11030AH_MuronogGalinga_14Mar12	A letter detailing their concerns with management measures	
Binjang Wellington Wiradjuri heritage survey	Dorothy Stewart	15-Mar-12	J11030AH_RP01_DRAFT Report_15Mar12	none	
	Jenny Williams	15-Mar-12	J11030AH_RP01_DRAFT Report_15Mar12	none	
12 April 2012 meeting invite					
Organisation	Name	Date	Document Reference Number	Response	
Dubbo Local Aboriginal Land Council	Charlie Trindall	03-Apr-12	J11030AH_L13_MeetingInvitationMERGED_3Apr12	Will be attending	
Mudgee Local Aboriginal Land Council	Tony Lonsdale	03-Apr-12	J11030AH_L13_MeetingInvitationMERGED_3Apr12	Will be attending	
Wirimbah Direct Descendants Aboriginal Corporation	Stephen Ryan	03-Apr-12	J11030AH_L13_MeetingInvitationMERGED_3Apr12	Will be attending	
Mingaan Aboriginal Corporation	Helen Riley	03-Apr-12	J11030AH_L13_MeetingInvitationMERGED_3Apr12	Will be unable to attend	
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis	03-Apr-12	J11030AH_L13_MeetingInvitationMERGED_3Apr12	Will be attending	
North-East Wiradjuri Co. Limited	Lyn Syme	03-Apr-12	J11030AH_L13_MeetingInvitationMERGED_3Apr12	Will be attending	
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Deborah Foley	03-Apr-12	J11030AH_L13_MeetingInvitationMERGED_3Apr12	Will try to have Debbie attend	
Wellington Valley Wiradjuri Aboriginal Corporation	Bradley Bliss	03-Apr-12	J11030AH_L13_MeetingInvitationMERGED_3Apr12	Will be unable to attend	
Binjang Wellington Wiradjuri heritage survey	Dorothy Stewart	03-Apr-12	J11030AH_L13_MeetingInvitationMERGED_3Apr12	Will be attending	
	Jenny Williams	03-Apr-12	J11030AH_L13_MeetingInvitationMERGED_3Apr12	no response	
12 April 2012 meeting attendance					
Organisation	Name	Date			
Dubbo Local Aboriginal Land Council	Charlie Trindall	12-Apr-12			
Dubbo Local Aboriginal Land Council	Ian Pritchell	12-Apr-12			

Organisation	Contact	Date	Comment	Document reference	
Mudgee Local Aboriginal Land Council	Tony Lonsdale	12-Apr-12			
Mudgee Local Aboriginal Land Council	Aleshia Lonsdale	12-Apr-12			
Wirimbah Direct Descendants Aboriginal Corporation/NSW ALC	Stephen Ryan	12-Apr-12			
Warrabinga Native Title Claimants Aboriginal Corporation and North E	Robyn Williams	12-Apr-12			
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Debbie Foley	12-Apr-12			
EMM	Neville Baker	12-Apr-12			
NMC	Tony Hanrahan	12-Apr-12			
(accompanying R.Williams)	Cliff Foley	12-Apr-12			
Apologies					
Lyn Syme					
Kevin Williams					
Wendy Lewis					
Helen Riley					
10 May site tour invite					
Organisation	Name	Date	Document Reference	Response	
Dubbo Local Aboriginal Land Council	Charlie Trindall	18-Apr-12	Email from RM to RAP followed up by phone call	responded able to attend	
Mudgee Local Aboriginal Land Council	Tony Lonsdale	18-Apr-12	Email from RM to RAP followed up by phone call	responded able to attend	
Wirimbah Direct Descendants Aboriginal Corporation	Stephen Ryan	18-Apr-12	Email from RM to RAP followed up by phone call	responded unable to attend	
Mingaan Aboriginal Corporation	Helen Riley	18-Apr-12	Email from RM to RAP followed up by phone call	responded unable to attend	
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis	18-Apr-12	Email from RM to RAP followed up by phone call	responded able to attend	
North-East Wiradjuri Co. Limited	Lyn Syme	18-Apr-12	Email from RM to RAP followed up by phone call	responded able to attend	
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Deborah Foley	18-Apr-12	Email from RM to RAP followed up by phone call	responded able to attend	
Wellington Valley Wiradjuri Aboriginal Corporation	Bradley Bliss	18-Apr-12	Email from RM to RAP followed up by phone call	responded able to attend	
Binjang Wellington Wiradjuri heritage survey	Dorothy Stewart	18-Apr-12	Email from RM to RAP followed up by phone call	responded able to attend	
	Jenny Williams	18-Apr-12	Email from RM to RAP followed up by phone call	responded able to attend	
10 May site tour participation					
Organisation	Name	Date			
Warrabinga Native Title Claimants Aboriginal Corporation	Lola McConnell	12-Apr-12			
North-East Wiradjuri Co. Limited	Robyn Williams	12-Apr-12			
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Larry Foley	12-Apr-12			
Wellington Valley Wiradjuri Aboriginal Corporation	Bradley Bliss	12-Apr-12			
Wellington Valley Wiradjuri Aboriginal Corporation	Bren Doherty	12-Apr-12			
Mudgee Local Aboriginal Land Council	Debbie Foley	12-Apr-12			
Mudgee Local Aboriginal Land Council	John Newton	12-Apr-12			



3 April 2012

Registered Aboriginal Party Address

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E info@emgamm.com
www.emgamm.com

Re: Cobbora Coal Project - meeting

Dear Registered Aboriginal Party

This letter is to invite representatives from Registered Aboriginal Party to attend a meeting to discuss the Cobbora Coal Project Draft Aboriginal Heritage Impact Assessment report.

The meeting is planned for **Thursday 12 April 2012 at 10am** at the **Gulgong RSL**, located at 64 Herbert Street Gulgong. Lunch and afternoon tea will be provided.

The meeting will:

- provide an opportunity for Aboriginal groups involved in the Cobbora Coal Project to discuss the draft report behind closed doors before providing formal feedback on the draft report; and
- provide time for a Question and Answer session about the draft report.

The format of the day will be as follows:

- **10am** Arrival.
- **10.30am** Aboriginal community closed doors discussions. Representatives from CHC, EMM and National Management Consultants Pty Ltd will be present to be called in to answer any questions which may arise, as needed during this time.
- **12.30pm** Lunch.
- **1pm** Question and Answer session on the draft report including a discussion of possible management measures.
- **3pm** Afternoon Tea
- **3.15pm** continuation of Question and Answer session on the draft report including a discussion of possible management measures.
- **4pm** Finish.

Please confirm your attendance by **Wednesday 11 April 2012** in writing to:

Rebecca Moore
Cobbora Project
EMM
PO Box 21
St Leonards NSW 1590
FAX: 02 9493 9599
rmoore@emgamm.com

Yours sincerely

A handwritten signature in blue ink, appearing to read 'Neville Baker', with a stylized, cursive script.

Neville Baker
Associate Director - Archaeologist
nbaker@emgamm.com

24 February 2012



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Re: Cobbora Mine Aboriginal Heritage Assessment Meeting

Dear Registered Aboriginal Party

This letter is to invite representatives from Registered Aboriginal Party to attend a meeting to discuss fieldwork results, mitigation measures and management responses for the Cobbora Coal Project.

The meeting is planned for **Monday 5 March 2012 at 2pm** at the **Gulgong RSL**, located at 64 Herbert Street Gulgong. The meeting will:

- present the results of field survey completed to date;
- present updated project information;
- invite feedback from Aboriginal stakeholders on Aboriginal heritage places, stories, or traditions relevant to the assessment;
- present draft management and mitigation strategies for potential impacts to Aboriginal heritage values; and
- provide for time to give feedback and discuss the proposed management and mitigation strategies.

The meeting is expected to run for up to two hours. Light refreshments will be provided. Please confirm your attendance by **Thursday 1 March 2012** in writing to:

Rebecca Moore
Cobbora Project
EMM
PO Box 21
St Leonards NSW 1590
FAX: 02 9493 9599
rmoore@emgamm.com

Written feedback about the previous survey is welcome both before the meeting and on the day.

Aboriginal heritage incorporates a wide range of values such as stories, traditions and cultural practices. EMM welcomes any advice from the Aboriginal community about these other Aboriginal heritage landscape values relevant to the project area.

EMM is relying on the Aboriginal community for advice on non-archaeological Aboriginal heritage values for the project area. We are happy to meet to discuss any information which you may be willing to share, and will respect confidentiality where requested. If you wish, please contact us via telephone, letter, fax, email (see contact details above) or in person after the meeting on 5 March 2012.

What's next?

After this meeting a draft report will be prepared by EMM. Each Aboriginal stakeholder group will be invited to submit relevant information on Aboriginal heritage values which will be addressed in the report. Each Aboriginal stakeholder group will be issued with a draft report for review and comment. All comments will be addressed in the final report.

Any questions?

Please feel free to raise any questions in your correspondence (see contact details page 1 above) or at the planned meeting on Monday 5 March 2012 2pm at Gulgong RSL.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'Neville Baker', with a stylized flourish at the end.

Neville Baker
Associate Director - Archaeologist
nbaker@emgamm.com

Cobbora Coal Project – Aboriginal heritage assessment

Aboriginal stakeholder consultation meeting – Gulgong RSL 5 March 2012



Acknowledgement

Before we begin the proceedings, I would like to acknowledge and pay respect to the traditional owners of the land on which we meet – the Wiradjuri.

I invite a community-nominated person to offer a welcome to country...

Agenda

- Introductions
- Aboriginal heritage assessment results
- Draft significance assessment
- Draft management recommendations

See separate handout for Project map



See separate handout for Aboriginal sites map



Aboriginal heritage assessment results

- 229 Aboriginal sites identified through archaeological survey
- Archaeologically sensitive areas along creeks and some ridges
- Are there any stories or places of traditional significance for the mine area?
 - EMM has not yet received any information yet

Fieldwork – a series of pictures showing people at work



Fieldwork – Sandy Creek contour banks



Fieldwork – ridge top site



Fieldwork – rocky slopes



Fieldwork – creek gully exposures



Fieldwork – creek gully exposures



Fieldwork – salt scald exposures



Fieldwork – creek side exposures



Fieldwork – sandy exposures



Open stone artefact site (example – SAC24 Laheys Ck)



Aboriginal objects (flaked stone artefacts)



Stone tool manufacturing area



Stone axe



Grinding grooves – CBR-GG-02



Grinding grooves – Site GG08 Mt Danabar Property



What does this show us about Aboriginal life?

- Base camps along the major watercourses with grindstone to process seeds collected from the open woodland valley
- Camp site evidence is consistent and widespread along Laheys Creek and Sandy Creek, limited on minor watercourses
- Sites away from the major creeks are smaller and do not have grindstones = 'activity locations'
- Sites on ridges are rare and seem limited to good overview across major base camp areas = connection to major creeks only
- Backed artefacts (= spear barbs?) are widespread = reflecting manufacture and use in all areas
- No art, very limited rockshelter use = The PAA is primarily a food gathering area

Aboriginal sites in the PAA

Aboriginal site type	Number of sites
Open stone artefact	164
Scarred Tree	25
Grinding grooves	18
Hearth	15
Aboriginal rockshelter	1
Rockshelter with PAD	6
Total	229

Impacts

Site type	Not impacted (151 sites)	Impacted (78 sites)
Open stone artefact	90	74
Grinding grooves	17	1
Hearth	13	2
Rockshelter with PAD	6	1
Scarred Tree	25	0

Significance – what does this mean?

- The significance of sites helps guide management decisions
- All sites are significant in some way
- Significance to the Aboriginal community
- Scientific significance
 - Rarity value
 - Research value – best sites for revealing new insights
- Educational significance – best teaching sites
 - Larger grinding groove sites

Aboriginal community view on significance?

EMM has suggested the following:

Site types	High	Moderate	Low	No record	Total
Rockshelter with artefact	0	1	0	0	1
Rockshelter without artefacts	0	5	1	0	6
Open stone artefact	13	50	92	9	164
Scarred Tree	0	8	12	5	25
Grinding grooves	2	13	3	0	18
Hearth	0	15	0	0	15
Total	15	92	108	14	229

Draft management

- Aboriginal Heritage Management Plan
- Collection of all impacted Aboriginal sites
- Large scale salvage excavation of two open stone artefact sites
- Stone artefact analysis of excavated sites and representative sample of collected material
- Excavation of Aboriginal rockshelter with dating of results
- Excavation of two hearths with dating of results
- Salvage removal of grinding groove site CBR-GG-02 (Woolandra property – ridge line)
- Aboriginal keeping place

Draft management – see separate map handout



What's next?

- A draft report will be issued shortly
- Your comment and contribution is requested within 4 weeks
- Comments are invited on:
 - Aboriginal heritage values
 - Draft significance assessment
 - Draft management recommendations
 - Relevant Aboriginal heritage matters you think might be missing
- Written comments received will be acknowledged and addressed in the final report
- The final report will form part of the *Environmental Assessment* report for Project Approval

Thankyou...

- ... for participating in the assessment
- ... for attending today
- ... for providing feedback on the assessment
- Contact:
 - Neville Baker: nbaker@emagamm.com 0488 939 505
 - Rebecca Moore: rmoore@emgamm.com 02 9493 9500
 - EMM, PO Box 21, St Leonards, NSW, 1590
 - EMM Fax: 02 9493 9599

15 March 2012



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Registered Aboriginal Party Address

Re: Cobbora Coal Project - Aboriginal Heritage Assessment draft report

Dear Registered Aboriginal Party

Please find enclosed the draft Aboriginal Heritage Assessment report for the Cobbora Coal Project. This report will form part of the Environmental Assessment report for the Project.

We invite written responses from your organisation on this draft report, particularly regarding:

- Aboriginal heritage values;
- the draft significance assessment;
- the draft management recommendations; and
- any additional relevant Aboriginal heritage matters.

Responses to all written comments received will be provided in the final report. Please return your written comments by **Monday 16 April 2012** to:

Neville Baker
Cobbora Project
EMGA Mitchell McLennan
PO Box 21
St Leonards NSW 1590
FAX: 02 9493 9599

If you have any further questions please contact me(nbaker@emgamm.com) or Rebecca Moore (rmoore@emgamm.com).

Yours sincerely

Neville Baker
Associate Director - Archaeologist
nbaker@emgamm.com



NORTH EAST WIRADJURI

COMPANY LTD

Summary

The North East Wiradjuri Company Ltd. (NEWCo) has read the Aboriginal Cultural Heritage Assessment for the Cobbora Coal Project and makes the following responses.

NEWCo was pleased to be given the opportunity to participate in the 2011-12 survey after being denied inclusion for a major portion of the 2009-10 survey. The field representatives provided by the organisation reported back with detailed comments on the field survey and the Aboriginal Cultural Heritage Assessment process.

NEWCo notes also that the EMM field survey of 2011-12 is a continuation of the ERM survey of 2009-2010 and complementary to that survey because of the change in the mine plan.

NEWCo recognises that the meetings held so far at Gulgong RSL following the survey and the reports provided by ERM and EMM give sufficient information for Registered Aboriginal Parties (RAP's) to provide an informed response. It is the responsibility of the field representatives to report back to their organisations to enable that informed response (2.5.3). No further individual meetings by EMM with organisations are necessary or required in our view.

NEWCo is satisfied that all aspects of the required consultation process (2.1.3) were followed according to best practice.

The organisation accepts and acknowledges the efforts of the Cobbora Coal Project (the Project) to minimise potential impacts to Aboriginal cultural and heritage sites within the Project impact area.

The survey coverage over the PAA was adequate and effective.

Field Survey

1. NEWCo is satisfied with the provision of mapping material and related information prior to and during the field survey.
2. The survey coverage by field walking, given the ground conditions, was adequate and effective. We note that there was targetting of Vehicle coverage was minimised and contained to areas, and at a pace, that enabled visibility and coverage of the ground. The survey coverage, given the ground conditions, (averaging 32% for the 2009-10 survey and 18.2% for the 2011-12 survey, (5.3)), has allowed the organisation to be able to respond in an informed manner.
3. The constraints upon the survey are recognised and that areas of likely habitation and therefore archaeological evidence (including watercourse landforms) were substantially sampled.
4. The landform coverage was, in the view of NEWCo, adequate to provide an informed understanding of the impact area of the Project. The organisation recognises that the methodology applied to the Project area allowed for the substantial discovery of Aboriginal sites and the knowledge of areas that might provide further information given test excavations and/or archaeological investigation. It is also recognised that this is not always possible.

Minimisation of potential impacts to Aboriginal cultural and heritage sites

1. Particularly noted is the avoidance of the majority of sites within the Sandy Creek drainage system. We accept that it is unavoidable that there will be impacts on some sites within the Laheys Creek drainage system. It is also noted that of the 78 sites to be impacted there are representative offsets that will not be impacted.
2. NEWCo also notes that although the Project impact is likely to be 4,700 hectares, the pit area has been reduced to 4,000 hectares and that this has a direct beneficial effect on the future impact to known Aboriginal sites (1.4).

Aboriginal Heritage Management (9.1)

1. NEWCo agrees in principle with the process of management detailed in this section
2. The organisation notes the usual processes include protection and salvage. The measures outlined further in (9.3) are to our satisfaction
3. We agree on the idea of an Aboriginal Cultural Heritage Keeping Place (the Place). This should ideally be on-site so as to be in context. We look forward to further communication with regard to the issues around management of the Place, access and funding.
4. Of interest is also how the scientific, educational and socio-cultural matters are studied and managed

5. We look to how the Aboriginal Heritage Management Plan (AHMP) will detail this.

Management Principles (9.2)

1. The idea of intergenerational equity is a principle that has been to the forefront of NEWCo thinking in recent years. NEWCo has also been active in the complementary principle of succession planning, involving subsequent generations in the responsibility of stewardship of cultural heritage into the future. Members of NEWCO have been actively discussing these issues, including organising workshops, to bring about some programs that will achieve this.
2. The idea of a “...*regional program of protection for representative cultural landscapes and sites...*” is a concept that we would like to be further involved in bringing about.

Management Measures (9.3)

AHMP (9.3.1)

1. NEWCo sees an AHMP as a living document. If there is a potential for a future situation to arise regarding the management of cultural heritage where the AHMP may be silent, we would expect that a consensus opinion of all parties would be able to resolve (any) issues. That is, reliance upon the AHMP being silent to fail to act would not be acceptable
2. A biannual review is also a necessary attribute of the AHMP

Active management (9.3.2)

1. NEWCo agrees with the active management (fencing and signage) as minimum measures and look to the AHMP for more detailed measures
2. NEWCo has experience with other mines where this active management has been undertaken close to the margins of active mining areas

Avoidance and passive management (9.3.3)

1. NEWCo agrees in principle with the avoidance and passive management measures
2. We look to more detail in the AHMP on how a site by site basis is determined

Collection (9.3.4)

1. Agreed with the collection measures
2. Agreed with the further analysis of sites and material of scientific interest. When the results are included in the final salvage report as an interpretation of the area, reference should also be to the regional interpretation (9.1)

Collect and set aside (9.3.5)

1. Agreed with the collect and set aside measures. It is noted that RAPs would be a part of this process (9.3.8)
2. Would any further mapping be developed out of this measure?
3. We would suggest that given the presence of a geomorphologist with the Project archaeologists, there may be time made within the mitigation measure fieldwork for some explanation of the material within the landscape (9.2 and 9.3.4)

Salvage of CBR-GG-02 (9.3.6)

1. Agreed with the salvage measures and the reasons for salvage

Salvage excavation (9.3.7)

1. Agreed with the sites selection and the methodology collection measures

Special Procedures (9.4)

Aboriginal ancestral remains (9.4.1)

1. Agreed in principle
2. NEWCo would request the presence of a forensic anthropologist. A list could be made available from knowledge held by RAPs. This could be made available prior to the discovery of (any) remains
3. The requirement for CHC to contact OEH for advice could be made prior to the discovery of (any) remains and the information would then be available when needed

Aboriginal keeping place (9.4.2)

1. Agreed in principle (see earlier comments under *Aboriginal heritage management*)
2. Access protocols, funding and management are open to further discussion

Discovery of new Aboriginal sites (9.4.3)

4. Agreed in principle

Other matters

Traditional Owners

1. There is a clear and legal basis for the definition of Traditional Owners. This distinction has not been followed by some community members in communications with ERM and EMM.
2. NEWCo (and in association with WNTCAC) have had successful applications before the National Native Title Tribunal (NNTT) affirming their right to be known as Traditional Owners
 - a. Comments in Appendix A by Wayne Carr (Wellington TO) and Stephen Ryan (WDD) during the 9 October 2009 meeting of RAPs at Dunedoo state that WNTCAC and NEWCo “...are not Traditional owners of the area and should not be included in the project...).
 - b. They then allowed people and organisations that were not Traditional Owners to participate in discussion of country and fieldwork. They did this for their own vested interests. This is hypocrisy and not in accordance with any OEH (DECCW) guidelines for an Aboriginal community consultation process. Not for the reasons given by them
3. Murong Gialinga Aboriginal and Torres Strait Islander Aboriginal Corporation is not a Native Title organisation, neither is Mudjee LALC
 - a. The comment by Debbie Foley, (Appendix A, point 5, 28 September 09) that “ *all of the above are members of Mudjee LALC, as well as TO’s...*”, is in its entirety a false statement
 - b. Debbie Foley and Larry Foley are **not** TO’s of the Project area, nor of Mudjee
4. Murong Gialinga Aboriginal and Torres Strait Islander Aboriginal Corporation is not a Native Title organisation
 - a. The comment by Debbie Foley, (Appendix A, 28 September 09) wanting a “...map defining the Project area, so that they can provide a description of their traditional lands...”, is a comment without sense. MGATSIC have no traditional lands over the Project area or within its own boundaries
 - b. MGATSIC is a corporation set up under the Registrar of Aboriginal Corporations well before the time of Debbie and Larry Foley as members

Lyn Syme
Hon. Secretary



Murong Gialinga Aboriginal and Torres Strait Islander Corporation

C/O PO Box 1097

Mudgee NSW 2850

Ph: 02 63720859

Email: muronggialinga@hotmail.com

14/3/12

To

Whom it may concern

We are writing to you in reply to the meeting held on the 5/3/12 in Gulgong .We would like to give you our recommendations they are as follows we feel the assessment has been flawed as some Artifacts have not been recorded so how can their significance be determined this must be done as they are protected by the Parks & Wildlife Act. The Archeologist had no flags and could not record all Artifacts our employee took our flags out to help we would like to see that the Artifacts not recorded be recorded and the Aboriginal Stakeholders be present whilst this is done. Whoever the Archeologist is employed by your company should have the equipment to do the task it does show disrespect to our Culture that it's not taken seriously. We would recommended that **all** Artifacts that are in all impact areas below & above ground be collected and placed in a area out of impact zone also we like them to be registered in AIMS registry then they can return to country when the mine life is over .If they cannot be relocated a keeping place on site at mine be available and all Registered Stakeholders have equal opportunity to have their views and access as its important for education ,Cultural reasons .We would also like to suggest before the mine starts that Aboriginal Culture is included in the employees induction process so they can have a understanding just how important our Culture is to us and our people. We also would like a site visit for those people who have not had the opportunity to work at the Mine site to be able to go to view the area could this be arranged ?
We looks forward to working together in the future.

Regards

Larry Foley

Chairperson



RECEIVED

21 MAR 2012

**Murong Gialinga Aboriginal and Torres Strait
Islander Corporation**

C/O PO Box 1097
Mudgee NSW 2850
Ph: 02 63720859
Email: muronggialinga@hotmail.com

9-4-2012

Mr Neville Baker,
EMGA Mitchell McLennan.

Dear Sir

Re: Cobbora Coal Mine

We request that this letter is tabled and read out to all stakeholders at the meeting planned for this Thursday 12 April regarding the Cobbora Mine.

Firstly, we would like to say that we are extremely disappointed to have received **only four business days notice** of this Aboriginal heritage meeting. Perhaps this reflects your complete lack of respect for our Heritage and Culture and our role in identifying, assessing and managing our Heritage, and perhaps it reflects an element of racial discrimination.

Surely non-indigenous people are given more than four days notice of any meetings to discuss heritage or other aspects of the project? This can be the first issue you clarify in writing for us - how many days notice is provided for non-indigenous people for all project related meetings?

Secondly, below we provide comments on the draft report and other matters concerning the heritage investigation and conduct of the heritage consultant (EMGA Mitchell McLennan). We request your written response to all issues raised, within fourteen days.

We at Murong Gialinga feel the whole assessment is totally flawed. We wish to express our serious concerns about the failure of the EMGA Mitchell McLennan "Aboriginal Cultural Heritage Assessment" report for the Cobbora Coal Project to adequately address the impacts of the project on our Culture and Heritage, including the following issues:

- The cover photo on the draft report (coal!!) doesn't represent Aboriginal Culture it represents coal mining that destroys our Culture. We find that insulting and offensive;
- This report must surely be a summary – it is completely lacking in detail. It totally fails to address the requirements of the Director-General of the Department of Planning or DEC 2005 with respect to our Culture and Heritage (refer below);
- There are no descriptions/details of any of our Heritage sites – we need all of this information presented in the report in order to be in a position to make a fully-informed decision about the impacts of the project;

- The archaeologist did not have stake flags to hand to sites officers, so that when they found an artefact or an Aboriginal object it could be flagged as required by the OEH guidelines. We found this to be very unprofessional.
- When the survey was conducted the archaeologist did not record the Aboriginal artefacts or objects. We do not understand why every artefact was not recorded as per the OEH guidelines and requirements under Section 89A of the National Parks and Wildlife Act and want your opinion on whether the consultant is in compliance with this Section of the Act?
- When the survey was conducted the archaeologist would not listen to the opinions of our sites officers, which we find disrespectful to our people, as it's our Culture and Heritage, and want you to clarify how that is consistent with the requirements of the Director-General?;
- We would like you to clarify how much of the project application area is going to be subject to impacts (what percent)? We need a map showing this impact area? If the impact area is smaller than the project area, why is the project application area so enormous (almost 300 square kilometres)?
- How much of the project area has not been subject to archaeological survey?
- How much of the impact area has not been subject to archaeological survey? Please explain why this area has not been surveyed? We want all impact areas to be subject to survey, as per the DEC 2005 requirements.
- What measures are recommended to survey and assess the impacts of this State Government Coal Project in the massive area that has not been subject to any survey or inspection for our Cultural Heritage sites? **At this stage, the EMGA Mitchell McLennan report simply allows all of these areas to be destroyed without even being looked at!** This is a serious breach of all heritage policy, the Director-Generals requirements and government and corporate ethical responsibility to Aboriginal people. We want all impact areas to be subject to survey, as per the DEC 2005 requirements.

The DEC 2005 draft *Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation* that relate to this assessment clearly state that:

Landscape

A description of the landscape (the physical setting of the land to be assessed) and its resources is essential for understanding the nature of the Cultural Landscape, as the opportunities and character of the land has a major influence over the nature of the interaction of the people with that land. This should describe and map landscape and landform units being used for the study (at the different levels of landscape, landscape unit, landform, topographic unit). It should also identify and map landscape features, places and natural resources of interest to the Aboriginal community;

This has not occurred. When is the community going to be allowed to identify Cultural PADs and other areas of cultural significance in a manner that is culturally sensitive and appropriate? We wish to do this long before the Government assesses this (its own) project, because these values are far more important than the scientific.

The DEC 2005 draft *Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation* clearly state that:

Archaeological investigation

This comprises two components, an analysis of previous archaeological work (overview) within the study area and vicinity, and a physical inspection of the proposed development area. The required intensity and extent of survey will vary greatly depending upon the objects likely to be present, size of the development area, and extent of previous land disturbance. For example, a comprehensive assessment could be required where there is a likelihood of burials being present or levels have not previously been disturbed. **Where developments occur over a large area the sampling regime must encompass the geographic extent of the development.**

This has clearly not occurred. When is the entire impact area going to be surveyed, as has been done for many other projects?

The Cobbora report should be rejected by the Department and NSW Government on the basis that it has not sampled the geographic extent of the project area, it has left massive sections totally unsurveyed, and totally fails to address the questions of what Cultural evidence and values are present, what the impacts of the project are on them, and how these impacts can be managed.

The DEC 2005 draft *Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation* clearly state that:

STEP 4 Information regarding the proposed development

This step will identify the nature and extent of the development and impacts on the Aboriginal heritage values across the development area. The extent of impact will include both direct and indirect impacts and their effect on Aboriginal heritage needs to be quantified to ensure that appropriate management in the context of the assessed values can be determined. Indirect impacts may affect sites or features located immediately beyond the development area or within the development area.

What assessment has occurred of indirect impacts?

What about blasting effects on rock shelter sites?

There has been very limited field survey to even identify such sites within the impact area, never mind in adjacent areas that might be indirectly impacted. **We require all impact areas (both direct and indirect) to be fully surveyed to identify what cultural values exist and what the project impacts could be to those values, and how they need to be managed, with the full participation of all Aboriginal stakeholders in accordance with the Director-Generals requirements.**

The DEC 2005 draft *Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation* clearly state that:

STEP 5 Integration of assessment with proposed development

This involves using the above information as the basis for assessing the cultural values against the impacts from any proposed development to identify specific outcomes. This will include consideration of the following:

- justification for any likely impact(s), including any alternatives considered for the proposal;

- any measures which will be implemented to avoid, mitigate or offset the likely impact(s).
- **demonstration that the input by affected Aboriginal communities has been considered when determining and assessing impacts, developing options, and making final recommendations to ensure that Aboriginal cultural heritage outcomes can be met by the proposed development.**

What justification for any impacts is presented?

What alternatives have been considered for each site, cultural value or development impact area?

What measures have been proposed to offset/mitigate/avoid impacts?

The measures proposed are farcical in their brevity and lack of consideration of the huge scale of impact of this project. As an Aboriginal community, if this project proceeds, we will see an enormous loss of our Cultural and Heritage – **the vast majority of areas and Cultural Heritage to be impacted have not even been looked at by this archaeologist or the Aboriginal community** – there is no way this report or assessment complies with Step 5 until all impact areas have been assessed in full consultation with the Aboriginal community.

The DEC 2005 draft Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation clearly state that:

STEP 6 Management strategy for Aboriginal heritage

This section will set out the specific management outcomes arising from the above assessment stages agreed to by the developer for management of the Aboriginal heritage values. This is to include identification of the final development impacts and the places, sites and landscape areas to be avoided and protected or conserved. It is also to include the nature of and location of any offsets, requirements for further work such as archaeological salvage or community collection for objects of high archaeological or community value; specific on-going management protocols for both physical conservation outcomes and specific Aboriginal community requirements. This would include a contingency plan that details the measures to be taken in the event that Aboriginal objects of significance or a nature not anticipated, such as burials or ceremonial items, are discovered during the course of works on the development site. These measures as negotiated with the Aboriginal community are to be included in the Statement of Commitments as part of the Project Application document.

This requirement is not addressed in the report, and we request that it is fully addressed in consultation with our organisation prior to finalisation and submission of any heritage assessment report.

The report is meant to involve consultation with the Aboriginal community in accordance with the DEC 2004 *Interim Community Consultation Requirements for Applicants* as referenced in the DEC 2005 guidelines. We wish to highlight that the most critical part of these requirements, as set out below, **has not been complied with by EMGA Mitchell McLennan who have chosen to completely ignore many concerns already raised by stakeholders:**

The proponent must execute their finalised assessment methodology and then produce a draft assessment report on the cultural and archaeological significance of the values that may be impacted by the proposal. The report must:

- detail the objects and places identified and how they will be impacted by the development
- detail the consultation undertaken and how comments received at various times were considered
- include management and mitigation recommendations drawing on both information provided by the stakeholders and the results of the cultural and archaeological assessments.

Once the draft report is completed, notice of its availability must be provided to all the registered stakeholders identified in Step 1, and the Local Aboriginal Land Council (even if not registered) for comment. Any additional stakeholders who have identified themselves to the proponent in writing after Step 1 must also be notified that the draft report is available and their comments invited. **After considering the comments received** the consultant/proponent must then finalise the report, **demonstrating how comments received have been considered** and submit it to DEC for consideration with their application.

On the above basis, we have no confidence whatsoever that the archaeologists who prepared this report are capable of addressing the above issues. They should be replaced and the Aboriginal community should have the right to conduct their own assessment of cultural and scientific values across the project area, to address the massive shortcomings of this EMGA Mitchell McLennan report.

This EMGA Mitchell McLennan report has in no way, shape or form been prepared in accordance with the DEC 2005 draft *Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation* (refer above). The statement to that effect in section 1.4 is totally untrue. We reject this report in its entirety and demand that the above guidelines and director-general's requirements are fully implemented in consultation with our community.

Your response in writing to all issues raised above would be appreciated.

Yours Sincerely,



Mr Larry Foley,
Chairperson,
Murong Gialinga Aboriginal and Torres Strait Islander Corporation.

CC: The Hon. Mr Brad Hazzard, Minister for Planning;
The Hon. Ms Robyn Parker, Minister for Environment;
The Hon. Ms Linda Burney, Shadow Minister for Planning and Heritage;
Mr Stephen O'Donoghue, Department of Planning and Infrastructure;
Mr Phil Purcell, Office of Environment and Heritage;
Mr Philip Boot, Office of Environment and Heritage.

19 April 2012

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Re: Cobbora Coal Project - response to your letter of 9 April 2012

Dear Larry,

Thank you for your letter dated 14 March 2012 received via Cobbora Holding Company who received it by post on 21 March 2012, and your letter dated 9 April 2012 received by hand delivery at the Aboriginal consultation meeting at Gulgong on 12 April 2012.

The March letter responds to a presentation of results delivered by me at a 5 March Gulgong meeting to which all Registered Aboriginal Parties (RAPs) were invited. The meeting summarised the Aboriginal heritage assessment results, significance assessment and management recommendations immediately prior to issue of the draft report for review. The draft report was issued to RAPs for review and feedback on 15 March 2012.

The March letter raises the following points:

- EMM archaeologists had no flags to mark artefacts during two days fieldwork in February;
- all artefacts in impact areas be collected and kept in a keeping place;
- Aboriginal culture be included in mine induction; and
- requests a site visit for those who have not had an opportunity to visit the area.

The April letter responds to the draft Cobbora Coal Project Aboriginal Heritage Assessment report and comments on the Aboriginal consultation process. The many points raised reflect dissatisfaction with the archaeological survey and draft report.

The draft report was issued to all RAPs for review and with a specific request for input into:

- identifying the Aboriginal heritage values;
- contributing to the significance assessment; and,
- comment on the management recommendations.

The input to date by the field representatives of the Murong Gialinga Aboriginal and Torres Strait Islander Corporation (MGATSIC) is appreciated. I look forward to the MGATSIC's ongoing assistance on the Project

as we continue developing the Aboriginal Cultural Heritage Management Plan and implement the management recommendations.

Prior to your March letter some dissatisfaction was expressed by MGATSIC to CHC regarding the inspection of some areas by vehicle during the November 2011 survey. I travelled to Mudgee to meet with you and Debbie Foley on 7 February 2012 so that I could personally explain that vehicle inspections were limited, were not conducted in the place of foot transects and that they were conducted to either travel to survey transect locations, familiarise myself with areas previously surveyed by ERM and, late in the survey, identify areas for targeted final transects at valley edges.

After our meeting two days survey was conducted to address late design changes. You were involved. Your letters suggest that on the first of those two days, 21 February 2012, I did not have flags for RAP representatives to mark artefacts. The following photo was taken on the first day of survey (21 February 2012). It shows you (your back turned and with backpack and two hands holding bunches of flags) and several other Aboriginal fieldworks with the flags supplied by me on 21 February 2012. I am aware that you prefer another style of flag and provided us with that other style of flag on 22 February 2012. We stopped using the type of flag provided by me once you had generously provided your flags on 22 February.



In regard to other points raised in your March letter, they agree with the recommendations in the draft report or with the agreement reached at the recent RAP meeting of 12 April 2012.

The points raised in your April letter are many and various. I will endeavour to address each one in turn below.

We request that this letter is tabled and read out to all stakeholders at the meeting planned for this Thursday 12 April regarding the Cobbora Mine.

The letter was not tabled because it was delivered to me at the commencement of the meeting, I had not read it prior to or during the meeting and was therefore unaware of this request until after the meeting.

...we are extremely disappointed to have received only four business days notice of this Aboriginal heritage meeting.

Eight calendar days notice was given of the meeting by phone contact. This occurred at the earliest opportunity available to EMM following approval of the meeting by CHC. To have scheduled to meeting later would have missed the review period for the report. The meeting was an 'extra ordinary meeting' designed to address the Aboriginal community request (via Stephen Ryan) for a RAP-only session to discuss the report and management recommendations.

...how many days notice is provided for non-indigenous people for all project related meetings?

I have typically had between one to three calendar days notice of most project related meetings.

The cover photo on the draft report (coal!) doesn't represent Aboriginal Culture...

In response to your concern the cover photo on the final report will be different.

There are no descriptions/details of any of our Heritage sites...

Appendix C 'Aboriginal site data' in the draft report provided to you includes details for each site including site location, site type, landform context, number of artefacts (where known), the nature of proposed impact, the significance ranking, etc. Furthermore there are a series of detailed maps in the draft report provided to you showing site details. Such details are typically included in reports of this nature. In response to your comment I will include further detail in the final report appendix.

The archaeologist did not have stake flags to hand to site officers...

Stake flags were provided for all fieldwork participants on every day of the survey by EMM. This point is addressed above.

When the survey was conducted the archaeologist did not record the Aboriginal artefacts or objects...

All artefacts were recorded. Point locations are recorded for every artefact observed by marking GPS waypoints. Notes were made on raw materials and assemblage content. All implements were measured and photographed. Additional technological data will be recorded on all artefacts once all artefacts are collected in the salvage stage of the project.

When the survey was conducted the archaeologist would not listen to the opinions of our sites officers...

It is difficult to address this point because of its general nature, suffice to say that I always listened to various voices throughout the project and have expressly asked for opinions and advice on cultural heritage values throughout Aboriginal consultation and fieldwork. It was for this reason that I made a point of visiting you in your home on 7 February 2012 to listen to your concerns with the vehicle transects on the November 2011 survey and provide clarification (as described above). On the second day of February 2012 survey in which you were involved I listened closely to your request to complete the survey on the day even though we ran 30 minutes past the finish time. We were all agreed on the need to complete the survey at that time.

We would like you to clarify how much of the project application area is going to be subject to impacts... we need a map...why is the project application area so enormous...

Maps of the Project Application Area (PAA) were included in the first PowerPoint presentation provided to RAPs at the Dunedoo meeting in October 2011. Maps were also handed out at meetings of 5 March and 12 April 2012. A map of the PAA is included as Figures 1.1 and 1.2 and the boundaries shown on every other of the 17 maps provided in the draft report issued to you. All impacts are shown on Figure 1.2. At a very general level, less than 20% of the PAA is to be impacted. As carefully explained during the Aboriginal consultation meetings at Dunedoo in October 2012, Gulgong in March 2012 and again in April 2012, the PAA is a boundary established for the purpose of enclosing all Project elements: the mining areas, infrastructure, railway, pipelines and roads, etc. This is stated in section 1.2 of the draft report provided to you.

How much of the project area has not been subject to archaeological survey?

Assuming that the questions relates to the PAA, a large proportion has not been surveyed because a large proportion is not to be impacted. However the most sensitive areas along Laheys Creek and Sandy Creek have been surveyed even though they will not be impacted. This is because the mine design changed from the initial plan. This is explained in the report at section 1.4 and was explained at each of the Aboriginal consultation meetings by EMM.

How much of the impact area has not been subject to archaeological survey? Please explain why this area has not been surveyed? We want all impact areas to be subject to survey, as per DEC 2005 requirements.

All impact areas were subject to survey in the sampling method agreed at the outset of EMM's involvement in the project. Figures 6.2 to 6.10 show the exact areas surveyed and they illustrate that a landform sampling approach was undertaken. A draft methodology letter explaining this approach was issued to all RAPs at the commencement of EMM's involvement. I also explained this in a meeting attended by MGATSIC at Dunedoo in October 2011. In the absence of any disagreement with the sampling approach proposed, including the explicit explanation that not all areas can be surveyed, the methodology was adopted in accordance with the 2010 OEH Aboriginal community consultation guidelines. You will notice that the results of the sample survey have been used to assess large areas next to Laheys Creek and Sandy Creek and some ridgelines as having Aboriginal heritage value (see Figure 6.11 in the draft report supplied to you), even though not all of those areas were surveyed. Therefore all areas are covered by the archaeological assessment, even those areas not walked over.

...At this stage the EMGA Mitchell McLennan report simply allows all of these area to be destroyed without even being looked at!...

All impact areas were subject to survey in the sampling method agreed at the outset of EMM's involvement in the project. All impacted areas with Aboriginal cultural heritage value will be subject to salvage provisions as described in the draft recommendations. Furthermore there are opportunities to develop management procedure during consultation for the Aboriginal Cultural Heritage Management Plan. The proposed salvage includes collection of sites and exploratory test excavation in example areas, so there is ample opportunity provided in the draft report to return to the area to manage Aboriginal cultural heritage values.

There follows in the April 2012 letter a critique of the EMM draft report which looks at the DEC 2005 draft *Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation* section by section (indicated by headings in bold, but not repeating all text below).

Landscape...description... This has not occurred. When is the community going to be allowed to identify Cultural PADs and other areas of cultural significance in a manner that is culturally sensitive and appropriate?... these values are far more important than the scientific.

Section 3 of the draft report provides the landscape description requested. EMM has requested information from RAPs about places and features of interest to the Aboriginal community with no response. Several weeks of fieldwork have been conducted since commencement of the assessment in 2009 providing opportunity for identification of features. Maps of the area have been distributed for RAP feedback on Aboriginal heritage values by EMM since October 2011. ERM also requested feedback from RAPs prior to EMM's involvement. MGATSIC have not provided information on Aboriginal cultural heritage values to date.

Archaeological Investigation...*This comprises two components, an analysis of previous archaeological work (overview) within the study area and vicinity, and a physical inspection of the proposed development area... Where developments occur over a large area the sampling regime must encompass the geographic extent of the development.*

the Cobbora report ... left massive sections totally unsurveyed, and totally fails to address the question of what Cultural evidence and values are present, what the impacts of the project are on them, and how these impacts can be managed.

All development areas were subject to survey in the sampling method agreed at the outset of EMM's involvement in the project. The extent of the survey corresponded to the extent of the development within the PAA. The nature of a sample survey is that some areas will be surveyed and some areas won't. The areas surveyed are regarded as representative of those areas not covered. In regard to cultural evidence – all Aboriginal sites are regarded as cultural evidence. Other Aboriginal cultural values other than physical Aboriginal sites can only be identified by RAPs. None have been identified to EMM, despite lengthy consultation seeking information in this regard. The cultural evidence and values are described in the report, as are the impacts and management of impacts.

STEP 4 Information regarding the proposed development...*indirect impacts... What assessment has occurred of indirect impacts? What about blasting effects on rockshelter sites?*

All rockshelters except Rockshelter 2 and CBR_RSH_01 are more than 1 km from the mining areas and therefore not affected either directly or indirectly. In response to your comment I will consider the indirect impact of blasting on Rockshelter 2 in the final report. CBR-RSH-01 is to be salvaged.

We require all impact areas (both direct and indirect) to be fully surveyed to identify what cultural values exist...

The archaeological survey for the Project has concluded. The sampling approach was in accordance with the methodology distributed to RAPs in October 2011 during Aboriginal consultation for the Project. No response was received from MGATSIC to the draft methodology requesting an alternate approach at that time.

STEP 5 Integration for assessment with proposed development ...*[including] ... demonstration that the input by affected communities has been considered when determining impacts, developing options...*

What justification for any impacts is presented?... What alternatives...What measures to offset/mitigate...?

The Aboriginal community has been consulted in accordance with the 2010 OEH Aboriginal community consultation guidelines and 2005 DEC draft guidelines. The justification is given in section 1.1 regarding provision of coal to government electricity providers. There are no alternatives for impacts to those sites affected because of the nature of mine design. The measures to mitigate are described in section 9 of the draft report provided to you.

Step 6 Management Strategy for Aboriginal heritage...

This requirement is not addressed...

The management strategy is addressed in the draft report in section 6 which is titled 'Management'.

The report is meant to involve consultation with the Aboriginal community...chosen to completely ignore many concerns already raised by stakeholders...

The Aboriginal heritage assessment has involved consultation with the Aboriginal community in accordance with relevant guidelines as described in section 2 titled 'Aboriginal consultation'. The very fact that you have written regarding the Aboriginal heritage assessment is because you have been consulted. The draft report was issued in accordance with consultation guidelines and the issues raised will be addressed by inclusion of your correspondence and this response. The concerns of MGATSIC have not been ignored. As documented above I travelled to Mudgee to talk with you earlier this year in response to concerns raised at that time by you. I have also addressed questions raised at the many meetings held with RAPs. Furthermore, I am writing this letter in response to your concerns.

I trust this addresses the issues raised by MGATSIC in your letters. I can assure you that both EMM and our client the Cobbora Holding Company take our Aboriginal heritage responsibilities seriously and to this end we will continue to work closely and objectively with all Aboriginal stakeholders.

In this regard we look forward to working on the later salvage stage of this project with MGATSIC representatives and other Aboriginal stakeholders. Please do not hesitate to contact me if there is any other information required.

Yours sincerely



Neville Baker
Associate Director – Archaeologist
nbaker@emgamm.com

Rebecca Moore

From: Stephen Ryan [stephen.ryan@alc.org.au]
Sent: Monday, April 16, 2012 9:33 AM
To: Rebecca Moore
Subject: Re: ATTN Stephen Ryan - Cobbora Coal Project

Ok by Wdd / Nswalc

Sent from my iPhone

On 16/04/2012, at 9:26 AM, "Rebecca Moore" <rmoore@emgamm.com> wrote:

Dear Stephen,

As part of the Cobbora Coal Project Aboriginal Heritage Assessment Aboriginal consultation, EMM issued a draft report on 15 March 2012 with a cover letter seeking written response by 16 April 2012. We also invited all Registered Aboriginal Parties to meetings on 5 March 2012 just prior to issuing the report and on 12 April 2012.

The purpose of the 5 March meeting was to offer 'plain English' descriptions of the results, the assessment and draft management recommendations to assist in the exchange of information.

The purpose of the 12 April meeting was to directly respond to the request (at the 5 March meeting) for a 'Aboriginal stakeholder-only' session to discuss the draft recommendations. Following a morning session facilitated by Stephen Ryan, EMM was advised that there was general agreement from those present to the management recommendations from those attending which included Dubbo LALC, Mudgee LALC, Murong Gialinga, Warrabinga, North East Wiradjuri, Wirrimbah and apologies received from Mingaan.

I would appreciate your written views stating whether you agree or not with the meeting outcome or whether there is anything else you'd like to add regarding the draft report. If you need additional time please advise us in writing. We may be able extend to the end of the week if requested, but we are required to finalise the report very soon, so your prompt written response would be appreciated.

Regards,

Rebecca Moore

Neville Baker

From: Bradley Bliss [brad4975@hotmail.com]
Sent: Friday, 6 April 2012 4:53 PM
To: office@hodgkinson.minister.nsw.gov.au; plan_comment@planning.nsw.gov.au; r.moore@emgamm.com; Neville Baker
Cc: bstanley@barnardos.org.au; amadeuas@hotmail.com
Subject: WVVAC Reply to Coborra Coal Project Aboriginal Heritage Report
Attachments: WVVAC Objection - letter Cobbora Coal 05.04.2012.pdf; www-claimants-final-claim--map-in-colour.pdf

Importance: High

Dear Neville,

Please find Wellington Valley Wiradjuri Aboriginal Corporation's Objection the the Draft Aboriginal Heritage Report dated 15 March 2012 (see link below in email from Rebecca Moore to download full copy of the report).

I have infomed William Stanley in the past few days of the Meeting you are holding on Thursday 12th of April 2012 and have asked him to contact Rebecca Moore directly if he is available to attend or wishes to discuss the meeting further.

Regards,

Bradley Bliss J.P.
WVVAC - Director
0427321016

Date: Tue, 27 Mar 2012 21:40:03 -0700
From: delivery@yousendit.com
To: brad4975@hotmail.com
Subject: Aboriginal heritage report

Delivery provided by [YouSendIt](#)



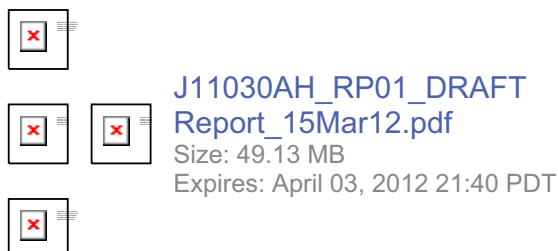
Subject: Aboriginal heritage report

Message:Hi Brad,

Please find the Aboriginal heritage assessment for the Cobbora Coal Project here. It was too large to send on regular email.

let me know if you have any issues.

thanks
Rebecca



If the above link does not work, you can paste the following address into your browser:
<https://rcpt.yousendit.com/1436955174/256640d13a2cc696324cfc9878f83196>



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05 March 2012

Neville Baker
Associate Director – Archaeologist
EMGA Mitchell McLennan
P.O. Box 21
St Leonards NSW 1590.

Re: Cobbora Coal Project – Aboriginal Heritage Assessment Draft Report 15 March 2012.

Dear Neville,

We acknowledge receipt of your correspondence dated 15 March 2012, however this was by email from Rebecca Moore on the 28th of March 2012 as any posted version has not been located by WVVAC Contact Officer or anyone else whom has access to the Postal Box in Wellington.

We advise Wellington Valley Wiradjuri Aboriginal Corporation has been formed as the body corporate to administer the affairs of the Traditional Aboriginal Native Title Applicants. As such Aboriginal Heritage Surveys are now completed as part of WVVAC rather than Gallangabang Aboriginal Corporation.

We thank you for your invitation to provide a response for This Aboriginal Cultural Heritage issue relevant to obligations in our native title claim NC09/04.

Wellington Valley Wiradjuri Aboriginal Corporation is fully supportive of any efforts to provide facilities for the community at large within our claim area.

Our position in regards to the afore mentioned assessment is that, **we object**. We have had 2 members attend different phases of the surveys conducted as our representative site officers. Their views were similar in that the following concerns were raised:

- Areas within the survey area were missed or dismissed by Archaeologists during the surveys after participants expressed an interest to survey them,
- Areas of the survey were not covered by foot but from a vehicle which is irresponsible and impractical as it lead to artefacts being missed,
- Concerns were raised by various site officers in the way and method in which some artefacts or sites were discovered and that Archaeologists present considered the finds of limited significance and not to be recorded, this was against the wishes of the Indigenous Site Officers present.
- Archaeologists present ignored requests by Indigenous Site Officers to investigate caves/rock shelters that were seen within metres of the survey area and were told "Because it was not near the footprint of where the mining equipment is to be erected, it was irrelevant to search it". These sites were less than 5 metres away and may have contained material of significant cultural concern and due to the close proximity to where the mining equipment was to be erected should have been properly investigated and recorded.

- Participants from secondary registered stakeholders have communicated to our members and myself as a director that on certain days “Not one piece was documented, removed or planned to be removed from the impact area and concerns disregarded” by archaeologists present.
- It appeared to participants of both surveys that there appeared to be no prior practical knowledge of the survey area on the part of the archaeologists present, as they did a lot of driving to search for and finally locate access gates and entrances to properties, for which almost three days survey time was lost. Logistics such as this are planned out well in advance by other firms to ensure maximum ground walking time.
- Concerns were raised and communicated to me by survey participants from all stakeholders that “We doubt all property owners were notified in advance of when the survey was to take place and where on their property”.
- Participants have also communicated that they “felt the survey was rushed and disorganised and not at all professional”.
- WVVAC Director William Stanley whom attended the second Survey area which was for the Train Tack area recommended the following to EMGA Mitchell McLennan representatives in an email “As a consequence of the items of significance of Aboriginal artefacts that were found on the survey a recommendation is that where the site of great significance, this is not to be moved and move the train track as proposed over away from the site vicinity that is of great significance of Aboriginal cultural heritage. The site is to be fenced”. This is not mentioned in the report.
- EMGA Mitchell McLennan representatives after 4 months had not produced a draft report into the September 2011 Field Survey after being repeatedly requested by WVVAC members.
- EMGA Mitchell McLennan representatives have contacted WVVAC to attend Stakeholder Consultation meetings held at various times in the previous months, the next to be held on Thursday the 12th of April 2012, the day before the written comments deadline for the draft report, being commented on above. WVVAC have not attended any meetings to date as we have not had the material to review until recently and have real concerns that if we had attended EMGA Mitchell McLennan representatives as the Archaeologists and the mining company would have used these meetings to say we had been consulted on the project and raised no concerns in writing at the time.
- EMGA Mitchell McLennan representatives gave very short notice of a second Aboriginal Heritage Assessment for the project site extension in mid February 2012, giving limited time to organise and supply a field officer with still no draft Survey results from the initial survey of the first site. This company knew in advance of giving notice of the second survey to the extension area.

The examples above demonstrates the irresponsible attitudes and incompetence shown by the Archaeologists conducting the Aboriginal Heritage Impact Assessment for this project. For these reasons we request that the company be removed from this project and an alternate Archaeological firm conduct a full and comprehensive survey including archaeological test pits with a full report to all stakeholders for comment a full 60 days, with a full review conducted by the relevant State Government bodies before any further action is undertaken on site by the mining company.

On behalf of Wellington Valley Wiradjuri Aboriginal Corporation, as the body corporate to administer the affairs of the Traditional Aboriginal Native Title Applicants we further recommend the following:

- That regardless of outcomes, WVVAC representatives and those of other registered stakeholders and an Archaeological team be present during the entire construction phase of the mining equipment. Once mining operations start again WVVAC representatives and those of other registered stakeholders and an Archaeological team be present to ensure that sites of significant cultural heritage are not destroyed or damaged.



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- We also recommend that Neville Baker and EMGA Mitchell McLennan employee's are not be present at any time during the resurvey of the planned project area.

WVWAC does not object to our details being given to OEH, however WVWAC do not wish you to advise any other organization of our interest to this project.

WVWAC look forward to participating in the future at the above project, sharing our knowledge of county and to ensure our Heritage is protected.

We trust our response meets your requirements. Please contact WVWAC Directors should you require our assistance to address any Aboriginal issues to support your future plans.

Yours sincerely,

Bradley R. Bliss J.P.
WVWAC Director
0427321016

Cc: The Hon. Katrina Hodgkinson, Minister for Primary Industries
Senior Officer - Dept of Planning and Infrastructure

13 April 2012

Ground Floor, Suite 01, 20 Chandos Street

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Re: Cobbora Coal Project Aboriginal heritage assessment

Dear Bradley,

Thank you for your letter dated 5 March 2012 and received by email on 6 April 2012 responding to the Cobbora Coal Project Aboriginal Heritage Assessment Report.

The draft report was issued to all Registered Aboriginal Parties for review and with a specific request for input into:

- identifying the Aboriginal heritage values,
- contributing to the significance assessment, and;
- comment on the management recommendations.

The input to date by the field representatives of the Wellington Valley Wiradjuri Aboriginal Corporation (WVW) is appreciated. I look forward to the WVW's ongoing assistance on the Project as we continue consultation for the assessment report, preparation of the future Aboriginal Cultural Heritage Management Plan and proposed Aboriginal site salvage that may be required

The Aboriginal consultation process we have adopted is in complete accordance with the Office of Environment and Heritage (OEH) 2010 consultation guidelines.

The project is complex and was initiated by Tim Owen from the company ERM in 2009. I became involved with the assessment as part of the different company: EMM. After careful consideration and to gain the as much input by the Stakeholder Groups as possible it was decided to invite all previously Registered Aboriginal Parties to a meeting at Dunedoo on 21 October 2011 to explain how the assessment process was to continue given the original company would no longer be involved..

WVW members attended that meeting which was held in on 21 October 2011. Previous meetings held for the Project by ERM on 19 October 2009 and 8 February 2010 were attended by members of the

Gallangabang Aboriginal Corporation which is the antecedent organisation to WVW which has (to the best of my knowledge) largely the same membership.

At the meeting of 21 October 2011 I made a point of stating that I would always be prepared to talk to any Registered Aboriginal Party at any time during the assessment.

In this regard I have called you and Stephen Parkes on occasions earlier this year to ask if I can travel to Wellington to talk about the assessment. I consider this necessary as I wanted to explain the facts around the assessment and our process overall.

However, despite my requests to meet personally with WVW representatives contact other than your most recent correspondence has not eventuated..

In view of the above I can only assume several misconceptions have developed about the assessment fieldwork and are reflected in your letter.

For clarity purposes I will respond to each of the points in your letter (quoted exactly and in full in italics) separately below.

Areas within the survey area were missed or dismissed by Archaeologists during the surveys after participants expressed an interest to survey them

I am not aware of such areas. I would welcome further detail on this matter and if such areas do exist we would seek to address any concern through the ACHMP and salvage program where necessary. It is important to note that the initial methodology issued at the start of EMM's involvement stated that a landscape sampling approach would be taken and not every metre of ground could be inspected. Regardless, the assessment has used the results from the sample and identified significant Aboriginal heritage values in creek and western ridge areas that were not walked over.

Areas of the survey were not covered by foot but from a vehicle which is irresponsible and impractical as it lead to artefacts being missed

It is correct to say we drove over some areas that were previously surveyed by ERM. This was so I could see and understand the landscape to a greater degree. We also drove over other areas looking for suitable exposures to survey on foot in targeted landform areas. Driving did not replace foot transects. Driving was for a different purpose. This was explained to the fieldwork participants. In particular, driving mostly took place later in the day after long foot transects in the morning. This provided a break from walking for some of the tired fieldwork representatives. It also helped me (and other representatives) to quickly view large areas of previously surveyed landscape.

These points were explained at the consultation meeting of 5 March 2012 to which WVW were invited.

Concerns were raised by various site officers in the way and method in which some artefacts or sites were discovered and that Archaeologists present considered the finds of limited significance and not to be recorded, this was against the wishes of the Indigenous Site Officers present.

Every artefact encountered was recorded by me. Every location recorded is documented in the report. This is consistent with our overall approach as every artefact has significance in that it is protected by law, is of value to the Aboriginal community and has some level of scientific value.

Archaeologists present ignored requests by Indigenous Site Officers to investigate caves/rock shelters that were seen within metres of the survey area and were told "Because it was not near the footprint of where the mining equipment is to be erected, it was irrelevant to search it". These sites were less than 5 metres away and may have contained material of significant cultural concern and

due to the close proximity to where the mining equipment was to be erected should have been properly investigated and recorded.

The rockshelter referred to above was 'Rockshelter 2' where there was some discussion in the field as to whether it fell within the main infrastructure area. After this discussion the rockshelter was inspected by us. Rebecca Moore took photos of it. It was also previously recorded by ERM, is noted in the draft report and a site card is lodged with OEH.

Participants from secondary registered stakeholders have communicated to our members and myself as a director that on certain days "Not one piece was documented, removed or planned to be removed from the impact area and concerns disregarded" by archaeologists present.

All artefacts observed were recorded. Furthermore, current draft recommendations propose that each artefact falling in impact areas will be collected and further detail recorded. The draft report demonstrates that sites, and the artefacts within them, were recorded on each day of fieldwork. The level of individual artefact location detail recorded during the project exceeds that of most other archaeological surveys of which I am aware.

It appeared to participants of both surveys that there appeared to be no prior practical knowledge of the survey area on the part of the archaeologists present, as they did a lot of driving to search for and finally locate access gates and entrances to properties, for which almost three days survey time was lost. Logistics such as this are planned out well in advance by other firms to ensure maximum ground walking time.

The survey was carefully planned. All necessary reconnaissance had taken place prior to fieldwork. Out of the 12 days of EMM survey approximately 1.5 hours were spent on searching for access gates to a couple of properties. Such incidents, although unfortunate, are not unexpected in a large survey crossing many separate property boundaries.

Concerns were raised and communicated to me by survey participants from all stakeholders that "We doubt all property owners were notified in advance of when the survey was to take place and where on their property".

Every land occupant was contacted the night prior to access to their properties as per the land access protocol. All land occupants were aware of the project.

Participants have also communicated that they "felt the survey was rushed and disorganised and not at all professional".

The survey was carefully planned and completed well within the time allowed. All transects were planned and explained to each representative at the start of each day. Ample time was allowed for breaks including up to one hour for lunch each day. Such lengthy breaks would have been unlikely if the survey was rushed. An additional 30 minutes was spent at the end of the very last day to complete the final transect along the railway route. The survey was completed to the standards that apply to this type of work.

WVWAC Director William Stanley whom attended the second Survey area which was for the Train Tack area recommended the following to EMGA Mitchell McLennan representatives in an email "As a consequence of the items of significance of Aboriginal artefacts that were found on the survey a recommendation is that where the site of great significance, this is not to be moved and move the train track as proposed over away from the site vicinity that is of great significance of Aboriginal cultural heritage. The site is to be fenced". This is not mentioned in the report.

The draft report does not contain any comments from RAPs, because the draft report had, at that point, not yet been sent out for comment. The emailed comment from William Stanley will be acknowledged in the final version along with all other comments received from all Registered Aboriginal Parties.

EMGA Mitchell McLennan representatives after 4 months had not produced a draft report into the September 2011 Field Survey after being repeatedly requested by WVVAC members.

The EMM field survey in 2011 was conducted from 31 October to 11 November 2011. The report was a comprehensive and complex piece of work and the December 2011 request from WVV for a copy could not be met because it was not completed. This was explained in my 27 January 2012 email response to your 23 January 2012 emailed request for a report. Here is a copy of my response email:

Hi Bradley,

Thankyou for your email. I'm still working on the report. We only just finished the fieldwork in early November and the report takes quite a while to put together.

There has been no meeting held or report produced yet, so please do not be worried that WVV has been overlooked. This is not the case at all.

I am trying to tie down possible dates at my end for a visit to Wellington to speak with the elders. I wish to make this visit in response to Aunty Violet Carr's request at the last meeting in October 2011. I'm hoping to be out there sometime around 8th 9th or 10th February. How would these dates suit your organisation for me to visit? I'm also checking possible dates later in February for a general Aboriginal stakeholder meeting to be held in Gulgong.

Completion of a draft Aboriginal heritage impact assessment report has been delayed by minor changes to the mine design which I need to take into account in the report. Changes to the design have just been made and I am now completing the impact assessment – where I look at each part of the development (mine pits, roads, railway etc) and see how Aboriginal sites might be managed to minimise impact.

I hope this addresses your concerns and I'd be happy to know if the proposed dates for a visit mentioned would suit your organisation.

regards,

Neville Baker

EMGA Mitchell McLennan representatives have contacted WVVAC to attend Stakeholder Consultation meetings held at various times in the previous months, the next to be held on Thursday the 12th of April 2012, the day before the written comments deadline for the draft report, being commented on above. WVVAC have not attended any meetings to date as we have not had the material to review until recently and have real concerns that if we had attended EMGA Mitchell McLennan representatives as the Archaeologists and the mining company would have used these meetings to say we had been consulted on the project and raised no concerns in writing at the time.

As you would be aware, WVV representatives attended the initial meeting with EMM at Dunedoo in October 2011 and since that time have been supplied with documents distributed at the subsequent meeting at Gulgong on 5 March 2012. The lines of communication are still and will remain open for WVV to provide comments and input on Aboriginal heritage values, significance assessment and management issues.

EMGA Mitchell McLennan representatives gave very short notice of a second Aboriginal Heritage Assessment for the project site extension in mid February 2012, giving limited time to organise and supply a field officer with still no draft Survey results from the initial survey of the first site. This company knew in advance of giving notice of the second survey to the extension area.

An invitation to participate in fieldwork was issued on 7 February 2012 by registered post. This was issued as soon as EMM was given approval for the additional fieldwork. Fieldwork was conducted on 21-22 February 2012. As mentioned above, the draft report could not be completed without the February 2012 fieldwork results.

I trust this addresses and further clarifies the issues raised by the WVV in your letter. I look forward to any additional advice from WVV identifying Aboriginal heritage values that need to be considered in the Aboriginal heritage assessment.

It is a common expectation of the government authorities who review Environmental Assessment reports that correspondence from Registered Aboriginal Parties be included as an appendix in the Aboriginal heritage report. All Correspondence received from WVV will be incorporated into the final Aboriginal heritage assessment report unless you explicitly request otherwise.

I can assure you that both EMM and our client the Cobbora Holding Company take our Aboriginal heritage responsibilities seriously and to this end we will continue to work closely and objectively with all Aboriginal Stakeholders.

In this regard we look forward to working on the later salvage stage of this project with WVV representatives and other Aboriginal stakeholders. Please do not hesitate to contact me if there is any other information required.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'Neville Baker', with a stylized flourish at the end.

Neville Baker
Associate Director – Archaeologist
nbaker@emgamm.com

Archaeologist

Now in Sydney, Newcastle and Brisbane. EMM's Brisbane office opened on 20 February. The office is led by leading Queensland environmental professional - Rob Janssen. Rob can be contacted on 07 3839 1800 or rjanssen@emgamm.com

<image001.png>

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Please consider the environment before printing my email



WELLINGTON VALLEY WIRADJURI
ABORIGINAL CORPORATION
www.wvwac.com

PO BOX 508
Wellington NSW 2820
ABN: 7754 3187
ICN: 7398

19 April 2012

Neville Baker
Associate Director – Archaeologist
EMGA Mitchell McLennan
P.O. Box 21
St Leonards NSW 1590.

Re: Cobbora Coal Project – Aboriginal Heritage Assessment Draft Report 15 March 2012.

Dear Neville,

We acknowledge receipt of your correspondence dated 13 April 2012.

We advise Wellington Valley Wiradjuri Aboriginal Corporation has been formed as the body corporate to administer the affairs of the Traditional Aboriginal Native Title Applicants. As such Aboriginal Heritage Surveys are now completed as part of WVVAC rather than Gallangabang Aboriginal Corporation.

We thank you for your invitation to provide a response for This Aboriginal Cultural Heritage issue relevant to obligations in our native title claim NC09/04.

Wellington Valley Wiradjuri Aboriginal Corporation is fully supportive of any efforts to provide facilities for the community at large within our claim area.

Our position in regards to the afore mentioned assessment is that, **we object** as we stand by the concerns and recommendations raised in our letter dated 05 April 2012 in reference to the Draft Report.

WVVAC does not object to our details being given to OEH, however WVVAC do not wish you to advise any other organization of our interest to this project. WVVAC look forward to participating in the above project, sharing our knowledge of country and to ensure our Heritage is protected.

We trust our response meets your requirements. Please contact WVVAC Directors should you require our assistance to address any Aboriginal issues to support your future plans.

Yours sincerely,

Bradley R. Bliss J.P.
WVVAC Director
0427321016

5 October 2011

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Re: Cobbora Mine Aboriginal Heritage Assessment Methodology

Dear **Registered Aboriginal Party**

This letter outlines a proposed methodology for assessing Aboriginal heritage issues within the Cobbora Mine Project assessment area.

Registered Aboriginal Party is invited to review this methodology and provide feedback to me at EMGA Mitchell McLennan (EMM) by October 21 2011.

Project presentation meeting at Dunedoo

A meeting is planned for Friday 21 October 2011 at 2 pm at Dunedoo Jubilee Hall for all registered Aboriginal stakeholders. The purpose of the meeting is to:

- present updated mine plans and project information;
- discuss additional fieldwork plans; and
- invite feedback from Aboriginal stakeholders on Aboriginal heritage places, stories, or traditions relevant to the assessment.

The meeting is expected to run for up to two hours. Light refreshments will be provided. Please confirm your attendance by Tuesday 18 October 2011 in writing to:

Rebecca Moore
Cobbora Project
EMM
PO Box 21
St Leonards NSW 1590
FAX: 02 9493 9599
rmoore@emgamm.com

What's happened since the last Cobbora survey?

In my previous letter to Murong Gialinga Aboriginal & Torres Strait Islander Corporation I explained that EMM is continuing the assessment commenced by Environmental Resources Management (ERM). There has been little field activity over the past year while the mine plans and project footprint have been reconsidered in response to the initial environmental and heritage assessment work.

The current mine plans have changed from the previous plans presented to you to the extent that many Aboriginal sites will now be avoided by the development.

Some additional archaeological survey is now required as described below.

The opportunity for Aboriginal stakeholder involvement will generally be the same as adopted for the previous assessment undertaken by ERM.

Further detail on involvement in the fieldwork by the Aboriginal community will be presented at the meeting on Friday 21 October 2011 2 pm at Dunedoo Jubilee Hall.

PROPOSED ASSESSMENT METHODOLOGY

Archaeological survey

An archaeological survey will 'fill in the gaps' over the project area not covered by the previous ERM survey. Both the previous ERM survey and the new survey will be used in a new Aboriginal heritage assessment report.

The aim of the archaeological survey is to identify Aboriginal sites and areas of potential archaeological deposit. Only those areas with Aboriginal objects will be recorded and reported as Aboriginal sites. Other places or features of interest will be noted in the report.

A series of survey tracks will be walked by a small team of archaeologists (Neville Baker and Rebecca Moore) and Aboriginal fieldworkers. The survey tracks will form a sample survey of the different landforms within the project area. For areas not covered by survey, a predictive assessment will be made based on the results of surveyed areas.

The landforms are:

1. watercourses and associated 200 m corridors;
2. plains: which are generally the cleared paddocks between the watercourses and the elevated rocky land;
3. low rises with rock outcrop which do not have distinct rocky slopes;
4. rocky slopes which are generally the steep sloping margins of low plateaux, ridges and spurs; and
5. low plateau and ridge tops.

The survey transects will cover the landforms listed above within the project area. However, the previous survey will not be duplicated. Some areas of previously recorded sites will be revisited for familiarisation inspection purposes.

Other Aboriginal heritage values

Aboriginal heritage incorporates a wide range of values such as stories, traditions and cultural practices. EMM welcomes any advice from the Aboriginal community about these other Aboriginal heritage landscape values relevant to the project area.

EMM is relying on the Aboriginal community for advice on non-archaeological Aboriginal heritage values for the project area. We are happy to meet to discuss any information which you may be willing to share, and will respect confidentiality where requested. If you wish, please contact us via a letter, fax, email (see contact details above) or in person during one of the project meetings planned over the coming months.

What's next?

i. *Project presentation meeting*

The project presentation meeting will be at Dunedoo Jubilee Hall on Friday 21 October 2011 at 2pm. Please send confirmation of attendance by up to two members of <organisation> by Tuesday 18 October to EMM at the address, fax or email on the first page of this letter.

ii. *Fieldwork*

Fieldwork is currently planned for the first two weeks of November 2011 (31 October – 11 September 2011). Arrangements for representative involvement, essential safety requirements and payments will be notified at the meeting or in a future letter.

Fieldwork will involve strenuous work involving walking over rough country that includes rocky hilly ground. Each fieldwork participant must be fit and healthy and willing to undertake the entire day's work on each day.

iii. *After fieldwork*

After fieldwork, a draft report will be prepared by EMM. Each Aboriginal stakeholder group will be invited to submit relevant information on Aboriginal heritage values which will be addressed in the report. Each Aboriginal stakeholder group will be issued with a draft report for review and comment. All comments will be addressed in the final report.

Any questions?

Please feel free to raise any questions in your correspondence (see contact details page 1 above) or at the planned meeting on Friday 21 October 2 pm at Dunedoo Jubilee Hall.

Yours sincerely



Neville Baker
Associate Director – Archaeologist
nbaker@emgamm.com

Cobbora Coal Project – Aboriginal heritage assessment

Aboriginal stakeholder consultation meeting – Dunedoo Jubilee Hall 21 October 2011



Acknowledgement

Before we begin the proceedings, I would like to acknowledge and pay respect to the traditional owners of the land on which we meet – the Wiradjuri.

I invite a community-nominated person to offer a welcome to country...

Agenda

- Introductions
- Cobbora Coal Project description
- Aboriginal heritage assessment method
- Fieldwork plans
- Questions

Introductions

- Cobbora Holding Company Pty Limited (CHC)
 - Trish McDonald (Environment Manager)
- EMGA Mitchell McLennan Pty Ltd (EMM)
 - Neville Baker (Archaeologist) is preparing the assessment
 - Rebecca Moore (Archaeologist) is assisting
- National Management Consultants Pty Ltd
 - Tony Hanrahan is assisting in aspects of community liaison

Project description

- Cobbora Holding Company is the project proponent
 - State owned entity within NSW Treasury
- Project has changed since consultation started in 2009

Project description

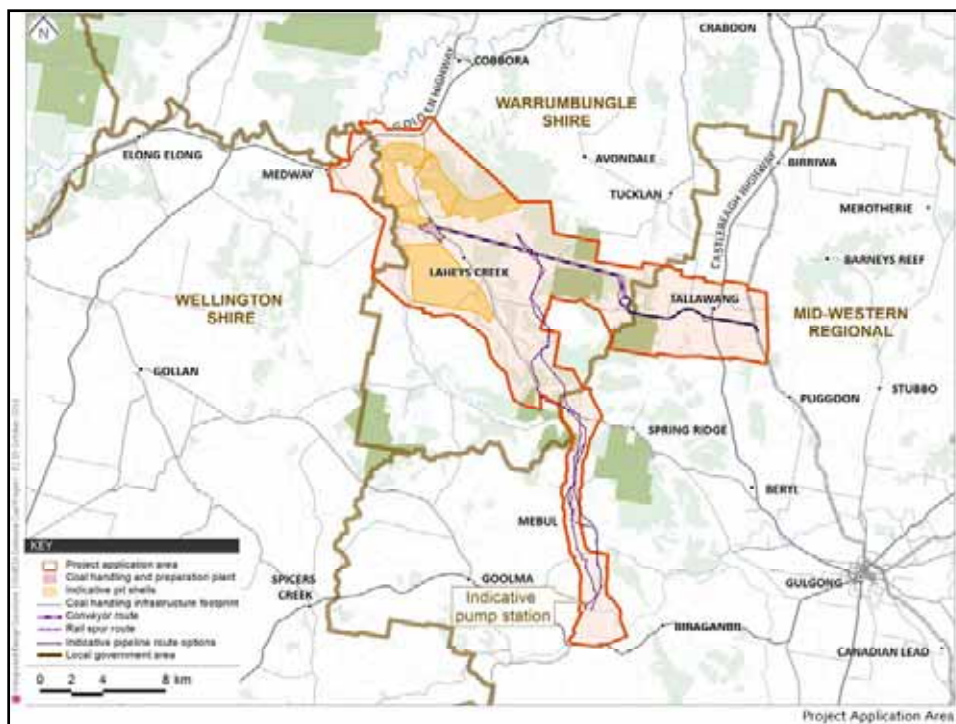
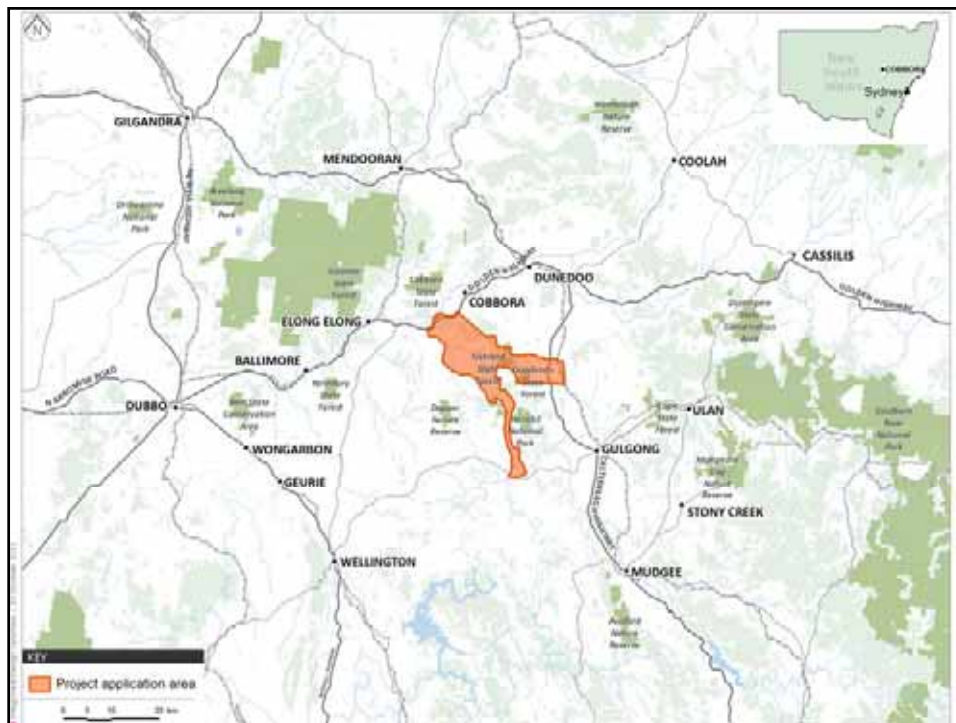
Aspect	Previous Proposal	Current Proposal
Proponent	Cobbora UJV comprising three state owned generators.	Cobbora Holding Company
Coal Production	Up to 30 Mtpa run of mine coal Up to 20 Mtpa processed coal	Up to 20 Mtpa run of mine coal Up to 12 Mtpa processed coal
Construction Commencement	2010	Second half of 2013
Mining commencement	2013	First half of 2015
Project application area	288 km ²	246 km ²

Project description

Aspect	Previous Proposal	Current Proposal
Pits	One pit of approximately 3,900 hectares.	Four smaller pits covering approximately 3,000 hectares.
Coal Transport	Via train using dedicated 25 km spur rail line and loop to Dunedoo-Gulgong rail line.	Via 12 km conveyor belt then train via dedicated 10 km spur rail line and loop to Dunedoo-Gulgong rail line.
Locomotive facility	Not included as a component of original proposal.	Third party owned and operated facility to be located along rail spur line – used for refuelling, watering and maintenance.

Project description

Aspect	Previous Proposal	Current Proposal
Stream diversions	Laheys and Sandy Creeks were proposed to be diverted.	No ongoing diversion of Laheys and Sandy Creeks. Possible small temporary diversions required during the construction of mine infrastructure.
Water supply	<ul style="list-style-type: none"> - 50 km water pipeline from Ulan Coal Mine - 25 km water pipeline from the Cudgegong River. 	<ul style="list-style-type: none"> - 25 km water pipeline from the Cudgegong River.
Road access	Access from Golden and Castlereagh Highways	Access from Golden Highway with southern access via Spring Ridge Road



Aboriginal heritage assessment method

- Another company (ERM) started the assessment in 2009-2010
- EMM is continuing the assessment in 2011
- Previous archaeological fieldwork in 2009-2010
- New archaeological fieldwork in November 2011

Aboriginal heritage assessment method

- Assessment will consider:
 - Archaeology
 - History
 - Traditional stories
 - Any other relevant aspect of Aboriginal heritage value
- We're not just interested in the Aboriginal archaeological sites
 - EMM relies on the Aboriginal stakeholders to advise us of Aboriginal heritage values other than archaeological sites
 - You are invited to share relevant information with us by talking, letter or short report

Aboriginal consultation

- Following government guidelines
 - “Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation” (DEC 2005 – draft)
- Process:
 1. identifying stakeholders (2009 and 2011 notifications)
 2. seeking feedback on assessment methodology
 3. inviting input regarding Aboriginal heritage values
 4. inviting review of draft assessment and draft management measures
 5. addressing issues raised by Aboriginal stakeholders

Aboriginal consultation

- Registered Aboriginal Stakeholders
 - Aboriginal persons or organisations with concerns for country who have registered their interest in writing for the project area
 - The final footprint of the mine is still being considered and until it is finalised it is not possible at this stage to assess whether native title will be triggered.

Archaeological survey fieldwork

- Aboriginal sites are known on the creeks
- Creeks were well covered in the last fieldwork by ERM in 2009-2010
- We don't know much about the rocky areas
- Survey will mainly cover the rocky ground away from creeks
- We will visit some previously surveyed creek areas, but will not resurvey previously covered areas

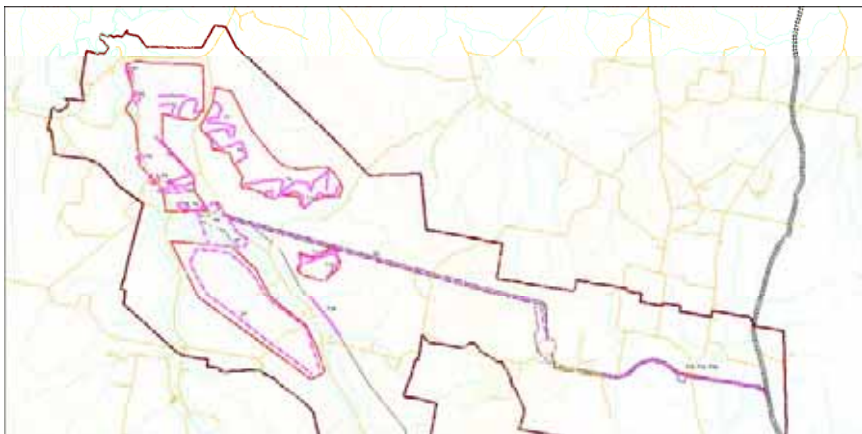
Survey areas



Survey areas



Survey plan (indicative)



Fieldwork details

- Monday 31 October – Friday 11 November 2011
- Monday – Friday 8 am sign-in, 4 pm sign out
- Due to safety and transport, limited Aboriginal fieldworker positions are available each day according to a roster
 - areas of organisation coverage/country will be considered
- A fieldwork agreement covering payment will be issued
- Only experienced, fit, insured personnel will be invited to participate

Fieldwork participation

- Public Liability and Worker Compensation insurances essential
 - provide evidence to EMM before day of fieldwork commencement
- Previously registered stakeholders will be invited
 - this approach provides continuity with previous survey
 - provided evidence of insurance is given
 - for safety reasons numbers each day are limited
- Safety is very important
 - all fieldworkers must read and sign the fieldwork safety plan

Essential fieldwork safety requirements

*Fieldwork will be hard, hot work
– only for fit and willing participants
No compliance = asked to leave*

- Long pants, hat, sturdy walking shoes
- Cobbora Land Access Protocol applies
- No serious health problems or recent surgery
- All participants to stay together
- All participants to work the entire day 8am-4pm
- Bring your own lunch and water
- Freedom from harassing or discriminating behaviour

Meeting place for fieldwork

- Sign in and sign out at:

Cobbora Holding Company site office:

- 2068 Spring Ridge Road, Gulgong (ph: 02 6374 5137)
- Look for the driveway big white tires on the western side of the Spring Ridge Road just north of the Warrumbungle Council sign, about 21 km south of the Golden Highway, and 25 km northwest of Gulgong.
- Park in the area near the open shed as you first drive in
- Everyone must sign-in and sign-out each working day at this office

Questions?

Contacts

- **Neville Baker:**
 - [0488 939 505](tel:0488939505)
 - nbaker@emgamm.com
- **Rebecca Moore:**
 - rmoore.@emgamm.com
- **EMGA Mitchell McLennan office:**
 - 02 9493 9500 (general office number)
 - 02 9493 9599 (fax)
 - PO Box 21, St Leonards, NSW 1590
 - Suite 1, 20 Chandos St, St Leonards, NSW

Thankyou for your time today...



Notice of Aboriginal Consultation

Project name: Cobbora Coal Project Aboriginal Heritage Assessment

Proponent: Cobbora Holding Company Pty Limited

Location: a project application area of approximately 24,500 ha generally within the boundaries of Dunedoo, Goolma, Stubbo, and Gulgong.

The proposed project includes development of an open cut mine, related infrastructure, conveyor line, pipeline and rail.

Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the proposed project are invited to register an interest in a process of community consultation with the proponent regarding the proposed activity.

The purpose of community consultation with Aboriginal people is to assist the proponent in assessing the Aboriginal heritage values of the area. The assessment will form part of an Environmental Assessment report to be submitted for planning approval.

Registrations of interest must be submitted in writing on or before 21 October 2011. Registrations should include the name of a contact person, address and other relevant contact details.

Send registrations of interest to:

Cobbora Coal Project
C/o EMGA Mitchell McLennan Pty Ltd
PO Box 21, St Leonards, NSW, 1590
Fax: 02 9394 9599

Registration of interest does not guarantee paid involvement.

**NOTICE OF ABORIGINAL
CONSULTATION**

Project name: Cobbora Coal Project
Aboriginal Heritage Assessment

Proponent: Cobbora Holding Company
Pty Limited

Location: A project application area of
approximately 24,500 ha generally within
the boundaries of Dunedoo, Goolma,
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Aboriginal objects and/or Aboriginal places
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Cobbora Coal Project
C/o EMGA Mitchell McLennan Pty Ltd
PO Box 21, St Leonards, NSW, 1590
Fax: 02 9394 9599

Registration of interest does not guarantee
paid involvement.

Account ID	5159082	
Name	EMGA	
Phone	0294939500	
Address	SUITE 01, 20 CHANDOS STREET	
City	ST LEONARDS	
State	NSW	
Post Code	2065	
Class	628	PUBLIC NOTICES
Edition	MG	
Start	7-10-2011	
Stop	7-10-2011	
Issues	1	
Units	13.82	
Order ID	11 2740730	
TFN	N	
TFN Cycle		
Rep	CD1	
Status	OK	
Source	E	
Paytype	T1	7 day Account
Rate	D	
Charges	165.45	
Loading	3.50	2.1%
Discounts	0.00	0.0%
Override	168.95	
Tax	16.90	
Total	185.85	

Printed Time 06/10/2011 11:35:52 AM

19 October 2011

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www.emgamm.com

Re: Aboriginal consultation for the Cobbora Mine Project Aboriginal heritage assessment - identification of Aboriginal stakeholders

Dear

EMGA Mitchell McLennan Pty Ltd (EMM), on behalf of Cobbora Holding Company Pty Ltd, is seeking to identify Aboriginal organisations or Aboriginal persons who hold Aboriginal cultural knowledge relevant to determining the Aboriginal heritage values in the area of the Cobbora Mine Project generally located between Dunedoo and Gulgong (see map attached).

Aboriginal cultural knowledge is defined by the Office of Environment and Heritage as:

...accumulated knowledge which encompasses spiritual relationships, relationships with the natural environment and the sustainable use of natural resources, and relationships between people, which are reflected in language, narratives, social organisation, values, beliefs, and cultural laws and customs... (*Fact Sheet 1: What is Aboriginal cultural knowledge?* DECCW 2010)

Aboriginal heritage values may be places of traditional significance, stories relevant to the specific project application area or knowledge relevant to understanding physical sites and places.

Your organisation has been identified by the Office of Environment and Heritage as having potential interest in registering for consultation in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*. Registration of interest is for the purposes of consultation only and does not guarantee employment.

The proposed development comprises an open cut coal mine and related infrastructure, conveyor, rail and pipeline. The project involves development activities requiring assessment under transitional Part 3A of the *Environmental Planning and Assessment Act 1979*.

If you wish to register your interest as an Aboriginal party your registration must be in writing (letter, fax or email). Your registration must include:

- your name/organisation;
- the name and details of a nominated contact person (postal address, email, phone number/s); and
- the nature of your cultural association specifically with the project area land (see map attached);

Your registration must be received by Neville Baker (see contact details below) by close of business on 2 November 2011.

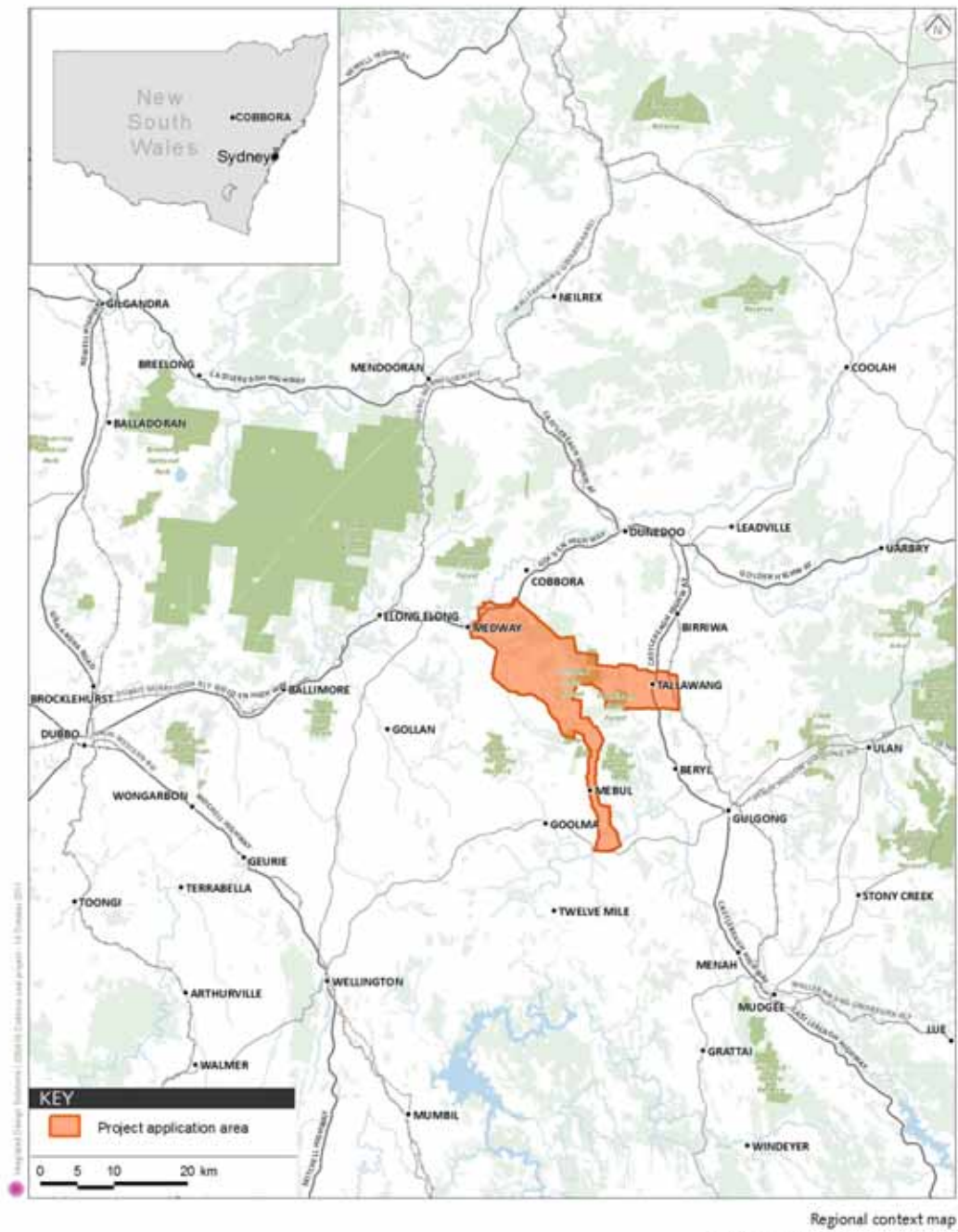
Neville Baker
EMGA Mitchell McLennan
PO Box 21
St Leonards NSW 1590
Fax: 02 9493 9599

Registration of interest is for the purposes of consultation only and does not guarantee employment.

Yours sincerely



Neville Baker
Associate Director – Archaeologist
nbaker@emgamm.com



12 December 2011

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St Leonards NSW 1590

Registered Aboriginal Party Address

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www.emgamm.com

Re: Cobbora Mine Aboriginal Heritage Assessment

Dear Registered Aboriginal Party

Thank you for registering as an Aboriginal stakeholder for the Cobbora Coal Project Aboriginal Heritage Assessment.

This letter is to provide you with an update of all project information presented to this point. Please find enclosed information from a previous meeting and a letter detailing the agreed on assessment methodology. If you have anything further to add please let us know as soon as possible.

Please feel free to raise any questions in your correspondence (see contact details above). We look forward to your feedback.

Yours sincerely



Neville Baker
Associate Director - Archaeologist
nbaker@emgamm.com

12 December 2011

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Registered Aboriginal Party

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Re: Cobbora Mine Aboriginal Heritage Assessment Methodology

Dear Registered Aboriginal party

This letter outlines a proposed methodology for assessing Aboriginal heritage issues within the Cobbora Mine Project assessment area.

You are invited to review this methodology and provide feedback to me at EMGA Mitchell McLennan (EMM) by October 21 2011.

Project presentation meeting at Dunedoo

A meeting is planned for Friday 21 October 2011 at 2 pm at Dunedoo Jubilee Hall for all registered Aboriginal stakeholders. The purpose of the meeting is to:

- present updated mine plans and project information;
- discuss additional fieldwork plans; and
- invite feedback from Aboriginal stakeholders on Aboriginal heritage places, stories, or traditions relevant to the assessment.

The meeting is expected to run for up to two hours. Light refreshments will be provided. Please confirm your attendance by Tuesday 18 October 2011 in writing to:

Rebecca Moore
Cobbora Project
EMM
PO Box 21
St Leonards NSW 1590
FAX: 02 9493 9599
rmoore@emgamm.com

What's happened since the last Cobbora survey?

EMM is continuing the assessment commenced by Environmental Resources Management (ERM). There has been little field activity over the past year while the mine plans and project footprint have been reconsidered in response to the initial environmental and heritage assessment work.

The current mine plans have changed from the previous plans presented to you to the extent that many Aboriginal sites will now be avoided by the development.

Some additional archaeological survey is now required as described below.

The opportunity for Aboriginal stakeholder involvement will generally be the same as adopted for the previous assessment undertaken by ERM.

Further detail on involvement in the fieldwork by the Aboriginal community will be presented at the meeting on Friday 21 October 2011 2 pm at Dunedoo Jubilee Hall.

PROPOSED ASSESSMENT METHODOLOGY

Archaeological survey

An archaeological survey will 'fill in the gaps' over the project area not covered by the previous ERM survey. Both the previous ERM survey and the new survey will be used in a new Aboriginal heritage assessment report.

The aim of the archaeological survey is to identify Aboriginal sites and areas of potential archaeological deposit. Only those areas with Aboriginal objects will be recorded and reported as Aboriginal sites. Other places or features of interest will be noted in the report.

A series of survey tracks will be walked by a small team of archaeologists (Neville Baker and Rebecca Moore) and Aboriginal fieldworkers. The survey tracks will form a sample survey of the different landforms within the project area. For areas not covered by survey, a predictive assessment will be made based on the results of surveyed areas.

The landforms are:

1. watercourses and associated 200 m corridors;
2. plains: which are generally the cleared paddocks between the watercourses and the elevated rocky land;
3. low rises with rock outcrop which do not have distinct rocky slopes;
4. rocky slopes which are generally the steep sloping margins of low plateaux, ridges and spurs; and
5. low plateau and ridge tops.

The survey transects will cover the landforms listed above within the project area. However, the previous survey will not be duplicated. Some areas of previously recorded sites will be revisited for familiarisation inspection purposes.

Other Aboriginal heritage values

Aboriginal heritage incorporates a wide range of values such as stories, traditions and cultural practices. EMM welcomes any advice from the Aboriginal community about these other Aboriginal heritage landscape values relevant to the project area.

EMM is relying on the Aboriginal community for advice on non-archaeological Aboriginal heritage values for the project area. We are happy to meet to discuss any information which you may be willing to share, and will respect confidentiality where requested. If you wish, please contact us via a letter, fax, email (see contact details above) or in person during one of the project meetings planned over the coming months.

What's next?

i. *Project presentation meeting*

The project presentation meeting will be at Dunedoo Jubilee Hall on Friday 21 October 2011 at 2pm. Please send confirmation of attendance by up to two members of <organisation> by Tuesday 18 October to EMM at the address, fax or email on the first page of this letter.

ii. *Fieldwork*

Fieldwork is currently planned for the first two weeks of November 2011 (31 October – 11 September 2011). Arrangements for representative involvement, essential safety requirements and payments will be notified at the meeting or in a future letter.

Fieldwork will involve strenuous work involving walking over rough country that includes rocky hilly ground. Each fieldwork participant must be fit and healthy and willing to undertake the entire day's work on each day.

iii. *After fieldwork*

After fieldwork, a draft report will be prepared by EMM. Each Aboriginal stakeholder group will be invited to submit relevant information on Aboriginal heritage values which will be addressed in the report. Each Aboriginal stakeholder group will be issued with a draft report for review and comment. All comments will be addressed in the final report.

Any questions?

Please feel free to raise any questions in your correspondence (see contact details page 1 above) or at the planned meeting on Friday 21 October 2 pm at Dunedoo Jubilee Hall.

Yours sincerely



Neville Baker
Associate Director – Archaeologist
nbaker@emgamm.com

Rebecca Moore

From: Neville Baker
Sent: Tuesday, November 22, 2011 4:38 PM
To: Rebecca Moore
Subject: FW: Aboriginal Heritage Assessment Consultation

regards,

Neville Baker
Associate Director - Archaeologist

EMGA | Mitchell McLennan

Ground Floor, Suite 01
20 Chandos Street
St Leonards NSW 2065

PO Box 21
St Leonards NSW 1590

T 02 9493 9500 | D 02 9493 9516 | M 0488 939 505 | F 02 9493 9599

www.emgamm.com

From: Anthony Fuller [mailto:Anthony.Fuller@dhs.nsw.gov.au]
Sent: Tuesday, 22 November 2011 4:36 PM
To: Neville Baker
Subject: Aboriginal Heritage Assessment Consultation

Hi Neville,

I am replying to the letter Aboriginal Affairs received 18 October regarding the Aboriginal consultation for the Cobbora Mine Project heritage assessment, Aboriginal affairs wish to register an interest to be involved. I am a local Dubbo 'Wiradjuri' man my role within Aboriginal Affairs is to advance the wellbeing of the Aboriginal people of NSW.

I look forward to being involved in the consultations.

Kind Regards

Tony Fuller

Community Programs Officer - Greater Western | **Aboriginal Affairs NSW** | Office of Communities | Department of Education and Communities | Level 1 | 65 Church Street DUBBO NSW 2830 | Phone: 02 5852 1066 Mobile: 0428 210 438 | Fax: 02 6841 3120 | Email: anthony.fuller@dhs.nsw.gov.au

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6 October 2011

Ground Floor, Suite 01, 20 Chandos St
St Leonards NSW 2065
PO Box 21
St Leonards NSW 1590

Agency Address

T +61 2 9493 9500
F +61 2 9493 9599
E info@emgamm.com
www.emgamm.com

Re: Aboriginal consultation Cobbora Mine Project - identification of Aboriginal parties

Dear Sir/Madam,

EMGA Mitchell McLennan Pty Ltd (EMM), on behalf of Cobbora Holding Company Pty Ltd, is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the Cobbora Coal Mine between Dunedoo and Gulgong.

The proposed development comprises an open cut coal mine and related infrastructure, conveyor, rail and pipeline.

In accordance with the OEH *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* EMM requests information about relevant Aboriginal persons and Aboriginal organisations who you consider may have cultural knowledge and should be invited to register for consultation.

Would you please provide a list by 18 October 2011 to:

Cobbora Project
c/o EMGA Mitchell McLennan
ATN: Rebecca Moore
PO Box 21
St Leonards NSW 1590
Fax: 9493 9599

Information received after 18 October 2011 may not be considered in the consultation process due to the assessment timeframe.

Yours sincerely



Neville Baker
Senior Associate - Archaeologist
nbaker@emgamm.com

Rebecca Moore

From: Neville Baker
Sent: Thursday, November 03, 2011 4:52 PM
To: Rebecca Moore
Subject: FW: referral to relevant reps.

FYI

Cobbora – response from CMA

regards,

Neville Baker
Associate Director - Archaeologist

EMGA | Mitchell McLennan

Ground Floor, Suite 01
20 Chandos Street
St Leonards NSW 2065

PO Box 21
St Leonards NSW 1590

T 02 9493 9500 | D 02 9493 9516 | M 0488 939 505 | F 02 9493 9599

www.emgamm.com

From: Joedie Davis [mailto:Joedie.Davis@cma.nsw.gov.au]
Sent: Thursday, 3 November 2011 2:46 PM
To: Neville Baker
Subject: referral to relevant reps.

Hi Neville,

As the Reference group of the CWCMA with reps from each community we are not in a position to provide advise in regard to who is best to consult however we can refer you to the groups we are aware of. You would need to consult further with these groups to ensure all groups are consulted in regard to the Cobbora mine project.

the Current reps from Dubbo are:

1. Coral Peckham
Ph: 0418907801
2. Brett Hill
ph 0435855251
3. The Dubbo local Aboriginal land council

4. Dubbo Medical Service
5. Tubba gah native title claimants
6. Wirrambah claimant group
7. Tony Fuller
Aboriginal Affairs Dubbo office

In Wellington there is :

1. Neville brown
ph 0428452203
2. Wellington Aboriginal land Council
3. Wellington Aboriginal medical service

In Mudgee there is

1. David Maynard
Ph: 63723323 m:0428638349
Also qualified in Aboriginal site assessment he is very thorough.
2. Jenny Williams
Ph: 63724445
3. Mudgee Aboriginal land Council
4. there are other corporation unsure of their names peoples listed above should be able to direct you.

Thanks

Joedie

Joedie Davis

Catchment Officer
Aboriginal Communities
Central West CMA

Ph: 02 63638603

Fax: 02 63638601

M: 042 810 3878

Email: Joedie.Davis@cma.nsw.gov.au

Web: www.cw.cma.nsw.gov.au

-
This message is intended for the addressee named and may contain confidential/privileged information. If you are not the intended recipient, please delete it and notify the sender.

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You should scan any attached files for viruses.

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PO BOX 156
MUDGEE NSW 2850

86 Market Street MUDGEE
109 Herbert Street GULGONG
77 Louee Street RYLSTONE

Ph: 1300 765 002 or (02) 6378 2850

Fax: (02) 6378 2815

email: council@midwestern.nsw.gov.au

FAX COVER SHEET

ATTENTION:	Rebecca Moore	FROM:	Carrie Hooper
TO:	EMGA Mitchell McLennan	CONTACT:	02 6378 2849
FAX:	02 9493 9599	FAX:	02 6378 2815
DATE:	2:34 PM, 17 October 2011	PAGES:	3 (including cover sheet)
RE:	Cobbora Project – Identification of Aboriginal Parties		

MESSAGE:

Dear Rebecca,

Please find attached a cover letter and spreadsheet of Aboriginal Parties that may be relevant to the Cobbora Project.

If you have any questions, please contact me on 02 6378 2850.

Regards,

A handwritten signature in cursive script that reads "Hooper".

Carrie Hooper



PO BOX 156
MUDGEES NSW 2850

86 Market Street MUDGEES
109 Herbert Street GULGONG
77 Louee Street RYLSTONE

Ph: 1300 765 002 or (02) 6378 2850
Fax: (02) 6378 2815
email: council@midwestern.nsw.gov.au

17 October 2011

Attention: Rebecca Moore
Cobbora Project
c/o EMGA Mitchell McLennan
PO Box 21
St Leonards NSW 1590

Dear Sir / Madam

ABORIGINAL CULTURAL HERITAGE CONSULTATION - PROPOSED COBBORA MINE PROJECT

I refer to the above matter and to your letter received by Council on 7 October 2011.

Please find enclosed the list of known Aboriginal groups with a cultural interest in the area of the proposed mine. This list has been compiled from information provided by Office of Environment & Heritage (formerly DEECW) and parties who have contacted Council directly.

It should be noted that Mid-Western Regional Council is overlaid by seven Local Aboriginal Land Council areas. The Mudgee LALC covers the majority of the western portion of the LGA with the Bathurst LALC covering the majority of the eastern portion. However, to varying degrees the other LALCs cover portions of the outer edges of the municipality.

Should you have any queries in relation to this matter please contact Carrie Hooper on 6378 2850.

Yours faithfully

A handwritten signature in dark ink, appearing to read "L. Shreeve".

LINDA SHREEVE
SENIOR ENVIRONMENT OFFICER

k:\assets\environmental\els and regulation\aboriginal consultation\8 miscellaneous\cobbora mine project.docx

Current Aboriginal Consultation Contact List:

Monday, October 17, 2011

Organisation	Name	Address1	Address2
Mingaan Aboriginal Corporation	Helen Riley	38 Tweed Road	LITHGOW NSW 2790
Wellington Valley Wiradjuri Aboriginal Corporation	John Riley	PO Box 508	WELLINGTON NSW 2820
Wiradjuri Traditional owners Central West Aboriginal Corporation	Brian Grant	14 Duramana Road	EGLINGTON NSW 2795
Warrabinga Native Title Claimants Aboriginal Corporation		PO Box 771	PICTON NSW 2574
Wiradjuri Council of Elders	Robert Clegg	3 Loretta Place	GLENDENNING NSW 2761
Darlina Verrills		6 Robertson Road	MUDGEES NSW 2850
Dhuuluu-Yala Aboriginal Corporation		63 Stanley Street	BATHURST NSW 2795
Bill Allen		75 Cory Place	WINDRADYNE NSW 2795
Mooka	Neville Williams	PO Box 70	COWRA NSW 2795
North-Eastern Wiradjuri	Lyn Syme	PO Box 29	KANDOS NSW 2848
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Larry & Debbie Foley	PO Box 1097	MUDGEES NSW 2850
David Maynard		91 Inglis Street	MUDGEES NSW 2850
Jean Thornton		6 Winbourne Street	MUDGEES NSW 2850
Mudgee LALC	Tony & Aleisha Lonsdale	PO Box 1098	MUDGEES NSW 2850
Bathurst LALC	Toni Lee	149 Russell Street	BATHURST NSW 2795
Wanaruah LALC	Secretary	17 – 19 Maitland Street	MUSWELLBROOK NSW 2333
Orange LALC	Secretary	42 Dalton Street	ORANGE NSW 2800
Wellington LALC	Secretary	163 Simpson Street	WELLINGTON NSW 2820
Dubbo LALC	Secretary	Cnr Wingewarra & Darling St	DUBBO NSW 2830
Gilgandra LALC	Secretary	72 Warren Road	GILGANDRA NSW 2827
Binjang Wellington Wiradjuri Heritage Survey	Dorothy Stewart	260 Myall Street	DUBBO NSW 2830
Christine Maynard		C/o Mudgee Land Council, PO Box 1098	MUDGEES NSW 2850



**Environment,
Climate Change
& Water**

Your reference
Our reference
Contact

Cobbora Coal Project
: DOC11/46154
Paul Houston 68835361

Cobbora Project
C/O EMGA Mitchell McLennan
PO Box 21
ST LEONARDS NSW 1590
Att: Rebecca Moore

14th October 2011

Dear Rebecca,

**WRITTEN NOTIFICATION AS REQUIRED UNDER OEH ABORIGINAL CULTURAL HERITAGE
REQUIREMENT FOR PROPONENTS 2010 –Cobbora Coal Project, Near Cobbora, NSW**

I refer to your letter dated 6th October 2011 to the Office of Environment and Heritage (OEH) regarding the above matter.

A list of known Aboriginal parties that OEH feels is likely to have an interest in this development is attached as Attachment 1 (overleaf). Please note this list is not necessarily an exhaustive list of all interested Aboriginal parties and receipt of this list does not remove the requirement of a proponent/consultant to advertise in local print media and contact other bodies seeking interested Aboriginal parties, in accordance with the requirements.

If you wish to discuss any of the above matters further please contact me, at your earliest convenience, on (02) 6883 5361.

Yours sincerely

Paul Houston
Aboriginal Heritage Planning Officer
EPRG North- West Branch

The Department of Environment Climate Change and Water is now known as
The Office of Environment and Heritage.

PO Box 2111, Dubbo NSW 2830
48-52 Wingewarra St Dubbo NSW
Tel: (02) 6883 5330 Fax: (02) 6884 9382
www.environment.nsw.gov.au

ATTACHMENT 1

OEH LIST OF ABORIGINAL STAKEHOLDER GROUPS WITHIN THE COBBORA AREA - THAT MAY HAVE AN INTEREST IN THE PROJECT; PROVIDED AS PER THE "OEH ABORIGINAL CULTURAL HERITAGE REQUIREMENT FOR PROPONENTS 2010".

Organisation/Affiliation	Name/Title	Address
Bill Allen		75 Cory Pl , Windradynne NSW 2795
Binjang Wellington Wiragjuri heritage Survey	Dorothy Stewart	260 Myall St, Dubbo NSW 2830
Darlina Verrills		6 Robertson Rd, Mudgee NSW 2850
David Maynard		91 Inglis Street Mudgee
Deborah Foley		9 Inglis Street Mudgee
Dhuuluu-Yala Aboriginal Corporation		63 Stanley Street Bathurst 2795.
Jean Thornton		6 Winbourne Street, Mudgee NSW 2850
Larry Foley		9 Inglis Street Mudgee
Lyn Syme	North-East Wiraduri	PO Box 29 KANDOS NSW 2848
Mingaan Aboriginal Corporation	Jullian Bower	38 Tweed Rd Lithgow NSW 2790
Mooka	Neville Williams	Po Box 70 Cowra NSW 2794
Murong Gialinga Aboriginal & Torres Strait Islander Corporation		PO Box 1097, Mudgee, NSW 2850
North- Eastern Wiradjuri		66 Dangar Street, Kandos NSW 2848
Warrabinga Native Tittle Claimants Aboriginal Corporation		535 Pheasants Nest Road Pheasant Nest NSW 2574
Wellington Valley Wiradjuri Aboriginal Corporation	Chairperson	PO Box 508 , Wellington NSW 2820
Wiradjuri Council of Elders	Robert Clegg	3 Loretta Pl, Glendenning NSW 2761
Wiradjuri traditional Owners Central West Aboriginal Corporation	Chairperson	14 Duramana Rd, Eglington NSW 2795
MUDGEES LALC	Chairperson	PO Box 1098 MUDGEES NSW 2850
GILGANDRA LALC	Chairperson	PO Box 163 GILGANDRA

The Department of Environment Climate Change and Water is now known as
The Office of Environment and Heritage.

		NSW 2827
DUBBO LALC	Chairperson	PO Box 1565 DUBBO NSW 2830
Chair, Pilliga Nature Reserve Consultative Committee	Mrs Maureen Sulter	C/- Mick Murphy NPWS Baradine Office 12 Wellington St Baradine NSW 2396
Elli Lewis	Patrica Jean Hands	20 Acacia Circuit Singleton NSW
Kevin Sampson		1 Martyn Street Breeza, NSW, 2381
Central West Catchment Management Authority	Aboriginal Reference Group	PO Box 227 Wellington NSW 2820

The Department of Environment Climate Change and Water is now known as
The Office of Environment and Heritage.

PO Box 2111, Dubbo NSW 2830
48-52 Wingewarra St Dubbo NSW
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www.environment.nsw.gov.au



National
Native Title
Tribunal



20 October 2011

Cobbora Project
c/o EMGA Mitchell McLennan
ATN: Rebecca Moore
PO Box 21
St Leonards NSW 1590

South-East & Central Registry
Sydney Office

Level 25, 25 Bligh Street
Sydney NSW 2000
GPO Box 9973
Sydney NSW 2000
Telephone (02) 9227 4000
Facsimile (02) 9227 4030

Our Reference: 4497/11nt

Your Reference: -

Dear Ms Moore

**Native Title Search Results of Dunedoo to Gulgong within the Warrumbungle Shire Council
and Mid-Western Regional Council Local Government Areas**

Thank you for your search request of 6 October 2011 in relation to the above area.

Search Results

The results provided are based on the information you supplied and are derived from a search of the following Tribunal databases:

Register Type	NNTT Reference Numbers
Schedule of Applications (unregistered claimant applications)	Nil.
Register of Native Title Claims	NC09/4
National Native Title Register	Nil.
Register of Indigenous Land Use Agreements	Nil.
Notified Indigenous Land Use Agreements	Nil.

I have included register extract, map attachment and a NNTT Registers fact sheet to help you understand the search result.

Please note that there may be a delay between a native title determination application being lodged in the Federal Court and its transfer to the Tribunal. As a result, some native title determination applications recently filed in the Federal Court may not appear on the Tribunal's databases.

The search results are based on analysis against external boundaries of applications only. Native title applications commonly contain exclusions clauses which remove areas from within the external boundary. To determine whether the areas described are in fact subject to claim, you need to refer to "Area covered by claim" section of the relevant Register Extract or Application Summary and any maps attached.

Search results are the existence of native title

Please note that the enclosed information from the Register of Native Title Claims and/or the Schedule of Applications is **not** confirmation of the existence of native title in this area. This cannot be confirmed until the Federal Court makes a determination that native title does or does not exist in relation to the area. Such determinations are registered on the National Native Title Register.

Tribunal accepts no liability for reliance placed on enclosed information

The enclosed information has been provided in good faith. Use of this information is at your sole risk. The National Native Title Tribunal makes no representative, either express or implied, as to the accuracy or suitability of the information enclosed for any particular purpose and accepts no liability for use of the information or reliance placed on it.

If you have any further queries, please contact me on 1800 640 501.

Yours sincerely

A handwritten signature in black ink, appearing to be 'N. Thorpe'.

Nakari Thorpe
Senior Case Management Assistant

Telephone (02) 9227 4004

Facsimile (02) 9227 4030

Email Nakari.thorpe@nntt.gov.au

Encl



NATIONAL NATIVE TITLE TRIBUNAL

Application Information and Extract from the Register of Native Title Claims

Application Information

Application numbers:	Federal Court number:	NSD912/09
	NNTT number:	NC09/4
Application name:	Wellington Valley Wiradjuri People (Wellington Valley Wiradjuri)	
Registration history:	Registered from 18/12/2009.	

Register Extract (pursuant to s.186 of the *Native Title Act 1993*)

Application filed with:	Federal Court of Australia
Date application filed:	24/08/2009
Date claim entered on Register:	18/12/2009
Applicants:	Mrs Joyce Williams, Mrs Violet Carr, Mrs Elizabeth (Betty) Ferguson
Address for service:	Philip Teitzel Teitzel & Partners PO Box 442 ROSEVILLE NSW 2069 Phone: 02 9416 3138 Fax: 02 9880 9061

Additional Information:

Not Applicable

Area covered by the claim:

The application area covers all the land and waters in the State of New South Wales within the external boundary described as follows:

Commencing at a point north of the Mitchell Highway, about midway between Orange and Bathurst [at Longitude 149.266391 degrees East, Latitude 33.376520 degrees South]; then generally north westerly passing south of Molong and Saddleback Peak to Goobang National Park; then generally north easterly and generally easterly passing south of Wongarbon, north of Gulgong and south of Ulan; then generally south easterly between Bylong Flat and Gingbi; then generally south westerly to north of Capertee; then

generally westerly passing north of Sofala and south of Hill End; then generally southerly back to the commencement point, according to coordinate points listed in Attachment B1 to the application.

Areas within the external boundaries that are not covered by the application:

The applicants exclude from the area covered by the application any area over which native title has been extinguished at common law or by statute save and except for those areas of land or waters over which prior extinguishment may be disregarded in accordance with the provisions of either s47, s47A or s47B of the Native Title Act 1993.

In particular the following are excluded:

Category A past acts, as defined in s229 of the Act, including any previous non-exclusive possession acts which are also Category A past acts; and

Grants or vestings which are 'previous exclusive possession acts' (as defined in s23B of the Act) or Category A intermediate period acts (as defined in s232B of the Act) attributable to the Commonwealth and such grants or vestings which are attributable to the State where the State has made provision as mentioned in s23E and s22F of the Act in relation to these acts.

For the avoidance of doubt, the following acts which occurred on or before 23 December 1996, where valid (including Division 2 or 2A of Part 2 of the Act) are included or, for present purposes, are to be treated as included in the definition of 'previous exclusive possession acts', unless excluded from the definition by subsections 23B(9), (9A), (9B), (9C) or (10).

1. The creation or establishment of:

- a. a permanent public work
- b. a dedicated road
- c. an act of adverse dominion where such an act was:
 - i. authorised
 - ii. authorised or required by the condition of a valid Crown Grant, vesting or other interest
- d. an unqualified grant of an estate in fee simple.

2. The grant of:

- a. a scheduled interest (see s249C of the Act), including an agricultural lease where intensive cultivation of a permanent nature has been carried out and works or structures of a permanent nature have been constructed in accordance with the terms and conditions of the lease.
- b. a residential lease on which a residence has been constructed in accordance with the terms and conditions of the lease (see s249).
- c. a commercial lease on which permanent works or structures have been constructed in accordance with the terms and conditions of the lease (see s246).
- d. a lease for the provision of community services or amenities within a town or city on which works or structures of a permanent nature have been constructed in accordance with the terms and conditions of the lease (see s249A).

Persons claiming to hold native title:

Schedule A states:

The native title claim group consists of the people known as the Wellington Valley Wiradjuri People, being those Aboriginal people whose traditional land and waters are situated generally in the Wellington Valley in the State of NSW.

The Wellington Valley Wiradjuri Claim Group comprises those people who hold in common the body of Traditional Law and Customs governing the area being the subject of the claim and more particularly described in Attachment "A".

Attachment A states:

The Wellington Valley Wiradjuri Claim Group comprises those people who hold in common the body of Traditional Law and Customs governing the area being the subject of the claim and who:

1. Are related by means of the principle of biological descent from the below listed Apical Ancestors:

- (a) Charlotte Riley
- (b) Samuel and Jane May
- (c) Ellen Plummer
- (d) William John King and Margaret (Holland) Dawkins
- (e) Jemmy Buckley and Poll (including Thomas Hartley and Clara Buckley)
- (f) Arthur Stewart, Alexander Stewart and Charles Stewart
- (g) Bessie Macdonald and Lily Macdonald
- (h) Ellen Baird/Beard, James and (W) Dolly Beard
- (i) George Drew and (Z) Agnes Drew
- (j) Michael Mitchell Mickey and Mary Bloomfield
- (k) Benjamin Holland and Sarah Hill (Steel) (including Jock Stanley and Emma Holland, James Wighton and Mary Holland)
- (l) Edward Williams and Kate Carr (including George Daley and Johanna Williams)
- (m) Edward Carr and Sophie Ryan
- (n) Bridget Carr
- (o) John Button
- (p) Ann Daley, mother of George Daley

Registered native title rights and interests:

The following Native Title Rights & Interests were entered on the Register on 18/12/2009:

The claim to non-exclusive rights to use and enjoy the land and waters, being:

- a) the right to access the application area;
- b) the right to camp on the application area;
- c) the right to erect shelter [sic] on the application area;
- d) the right to live on the application area;
- e) the right to move about on the application area;
- f) the right to hold meetings on the application area;
- g) the right to hunt on the application area;
- h) the right to fish on the application area;
- i) the right to have access to and use the natural water resources on the application area; (This right is registered only to the extent that it involves the use of water for non-commercial purposes.)
- j) the right to gather and use the natural products of the application area (including food, medicinal plants, timber, stone, ochre and resin) according to traditional laws and customs;
- k) the right to conduct ceremony on the application area;
- l) the right to maintain and protect places of importance under traditional laws, customs and practices in the application area;
- m) the right to speak for and make non-exclusive decisions about the application area;
- n) the right to transmit the cultural heritage knowledge of the native title claim group including knowledge of particular sites;
- o) The right to cook on the application area and to light fires for all purposes other than the clearance of vegetation

3. The native title rights are subject to:

- a) the valid laws of the State of New South Wales and the Commonwealth of Australia
- b) the rights (past or present) conferred upon persons pursuant to the laws of the Commonwealth and the laws of the State of NSW
- c) the traditional laws and customs of the native title claim group.

Register attachments:

- 1. External Boundary Description, Attachment B1 of the Application, 4 pages - A4, Attached 24/08/2009.

2. Map of external boundary of application (produced by NNTT), Attachment C of the Application, 1 page - A4, Attached 12/10/2009.

Note: The Register may, in accordance with s.188 of the Native Title Act 1993, contain confidential information that will not appear on the Extract.



Searching the NNTT Registers in New South Wales

Search service

On request the National Native Title Tribunal will search its public registers for you. A search may assist you in finding out whether any native title applications (claims), determinations or agreements exist over a particular area of land or water.

In New South Wales native title cannot exist on privately owned land including family homes or farms.

What information can a search provide?

A search can confirm whether any applications, agreements or determinations are registered in a local government area. Relevant information, including register extracts and application summaries, will be provided.

In NSW because we cannot search the registers in relation to individual parcels of land we search by local government area.

Most native title applications do not identify each parcel of land claimed. They have an external boundary and then identify the areas not claimed within the boundary by reference to types of land tenure e.g., freehold, agricultural leasehold, public works.

What if the search shows no current applications?

If there is no application covering the local government area this only indicates that at the time of the search either the Federal Court had not received any claims in relation to the local government area or the Tribunal had not yet been notified of any new native title claims.

It does not mean that native title does not exist in the area.

Native title may exist over an area of land or waters whether or not a claim for native title has been made.

Where the information is found

The information you are seeking is held in three registers and on an applications database.

National Native Title Register

The National Native Title Register contains determinations of native title by the High Court, Federal Court and other courts.

Register of Native Title Claims

The Register of Native Title Claims contains applications for native title that have passed a registration test.

Registered claims attract rights, including the right to negotiate about some types of proposed developments.

Register of Indigenous Land Use Agreements

The Register of Indigenous Land Use Agreements contains agreements made with people who hold or assert native title in an area.

The register identifies development activities that have been agreed by the parties.

Application summaries

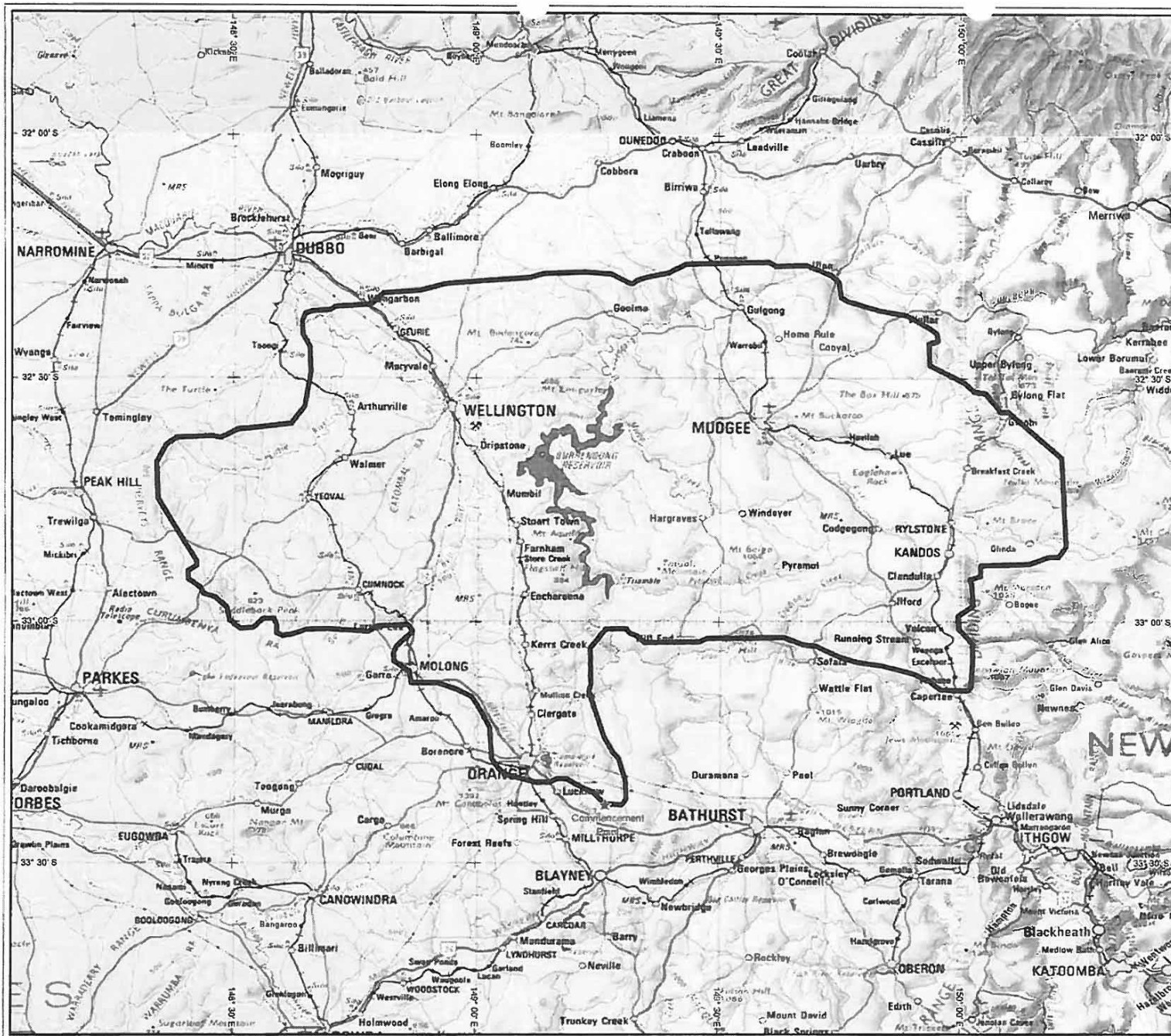
An application summary contains a description of the location, content and status of a native title claim.

This information may be different to the information on the Register of Native Title Claims, e.g., because an amendment has not yet been tested.

How do you request a search?

A search request form is available on the Tribunal's web site at:
<http://www.nntt.gov.au/registers/search.html>
Mail, fax or email your request to the Tribunal's Sydney registry, identifying the local government area/s you want searched.

Email: SydneySearch@nntt.gov.au
Fax: (02) 9227 4030
Address: GPO Box 9973, Sydney NSW 2001
Phone: (02) 9227 4000



NATIVE TITLE DETERMINATION APPLICATION

Wellington Wiradjuri People

 Wellington Wiradjuri People

NOTE: To determine areas subject to claim within the external boundary reference to the application description is necessary.

Map created by: Geospatial Services,
National Native Title Tribunal (24/07/2009)

Application boundary data compiled by the NNTT based on
reference material supplied by Tietzel & Partners, July 2009

Topographic image data is © Commonwealth of Australia
and is used under licence from Geoscience Australia
NOTE: Topographic images should be used as a guide only.

NSD912/09 (NC09/4)

Map of external boundary of application
Attachment C2 of the Application
Page 1 of 1, A4, 12/10/2009

Map Ref: 20090734_Proposed_Wellington_Wiradjuri_topo_map_A3L.pdf
Geotrek: 2009/1231

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Location Diagram



Wellington Wiradjuri People

Description

The application area covers all the lands and waters within the external boundary described as follows:

External boundary description

Commencing at a point north of the Mitchell Highway, about midway between Orange and Bathurst; then generally north westerly passing south of Molong and Saddleback Peak to Goobang National Park; then generally north easterly and generally easterly passing south of Wongarbon, north of Gulgong and south of Ulan; then generally south easterly passing between Bylong Flat and Gingbi; then generally south westerly to north of Capertee; then generally westerly passing north of Sofala and south of Hill End; then generally southerly back to the commencement point.

More precisely described as:

Commencing at a point north of the Mitchell Highway, about midway between Orange and Bathurst at Longitude 149.266391° East, Latitude 33.376520° South; then extending generally north westerly, generally north easterly, generally easterly, generally south easterly, generally south westerly, generally westerly and generally southerly back to the commencement point, through the following coordinate points.

Longitude (East)	Latitude (South)
149.242195	33.353151
149.209038	33.336607
149.187940	33.323512
149.168963	33.323541
149.154602	33.330979
149.124248	33.331307
149.063463	33.315491
149.047800	33.302723
149.034057	33.283315
149.028873	33.217552
149.013115	33.187842
148.991257	33.154526
148.954272	33.137141
148.920786	33.126255
148.866579	33.126740
148.862391	33.101903
148.830736	33.082025
148.830046	33.063685

Longitude (East)	Latitude (South)
148.836611	33.050803
148.869643	33.020750
148.859326	33.005959
148.798707	33.008966
148.779071	33.020309
148.693756	33.015494
148.649877	33.016648
148.623128	33.026296
148.602089	33.029203
148.589435	33.024358
148.589323	33.006945
148.583952	32.993906
148.561724	32.994021
148.540745	33.012930
148.514254	33.015040
148.492980	32.997242
148.486572	32.971051
148.462465	32.950033
148.438889	32.943122
148.431334	32.929670
148.407981	32.914280
148.406278	32.897850
148.424832	32.886536
148.424460	32.876661
148.396237	32.832686
148.345383	32.749297
148.342536	32.673588
148.361795	32.637778
148.383458	32.622616
148.458196	32.620178
148.474589	32.623513
148.509200	32.606598
148.618272	32.594313
148.646252	32.559686
148.659239	32.486855
148.657294	32.435128
148.643373	32.411018
148.641264	32.383772
148.647705	32.367598
148.663238	32.362483
148.700004	32.359632
148.709543	32.353733
148.784175	32.348474
148.809329	32.325218
148.882878	32.319987
148.940888	32.305281
149.110668	32.292340
149.142329	32.283505
149.226836	32.281281
149.278476	32.284629
149.312192	32.301629
149.321001	32.305163
149.331570	32.297824

Longitude (East)	Latitude (South)
149.346544	32.292252
149.396570	32.281521
149.432787	32.264093
149.602868	32.259147
149.618372	32.267682
149.681193	32.265558
149.730761	32.285907
149.748155	32.301453
149.751995	32.331477
149.763165	32.340127
149.828967	32.359577
149.889015	32.370235
149.931699	32.395001
149.949565	32.408652
149.950637	32.422745
149.932972	32.428858
149.934617	32.472591
150.006436	32.507887
150.025562	32.526212
150.049015	32.529831
150.072251	32.556521
150.079717	32.567621
150.096546	32.568120
150.207500	32.663578
150.216510	32.845505
150.201054	32.867094
150.180469	32.867636
150.139776	32.881416
150.040642	32.884024
150.039848	32.906169
150.017868	32.912866
150.021419	32.920775
150.023711	32.967315
149.993052	32.988362
149.994024	33.014225
150.023396	33.045461
150.023114	33.081242
150.020219	33.134037
150.013460	33.141747
149.958099	33.140379
149.932473	33.122225
149.901012	33.107520
149.838602	33.091746
149.786261	33.084180
149.748441	33.073408
149.700393	33.050195
149.673165	33.047146
149.635204	33.032612
149.475851	33.034452
149.459865	33.041933
149.347118	33.043017
149.331420	33.029309
149.316563	33.023581

Longitude (East)	Latitude (South)
149.309727	33.014817
149.267455	33.015459
149.235284	33.053962
149.236976	33.127819
149.232720	33.144406
149.264914	33.236288
149.282980	33.269704
149.294292	33.282115
149.308395	33.325520
149.310440	33.365476
149.301149	33.377959
149.266391	33.376520

Note

Data Reference and source

- Application boundary data compiled by National Native Title Tribunal based on information supplied by Tietzel & Partners July 2009.

Reference datum

Geographical coordinates have been provided by the NNTT Geospatial Services and are referenced to the Geocentric Datum of Australia 1994 (GDA94), in decimal degrees and are based on the spatial reference data acquired from the various custodians at the time

Prepared by Geospatial Services, National Native Title Tribunal (24 July 2009)

Neville Baker

From: Thorpe, Nakari [Nakari.Thorpe@nntt.gov.au]
Sent: Thursday, 20 October 2011 10:22 AM
To: Neville Baker
Cc: Admin Info
Subject: Native Title Search Results
Attachments: Search Results.pdf; NC09_4.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Sir/Madam

Thank you for your native title search request over Dunedoo to Gulgong within Warrumbungle Shire Council and Mid-Western Regional Council Local Government Areas.

Attached are the:

- search results including a fact sheet to help you understand the search result

If you need more information, please call me on 1800 640 501.

Regards,

Nakari Thorpe | SENIOR CASE MANAGEMENT ASSISTANT

National Native Title Tribunal | South East & Central Registry

Level 25, 25 Bligh Street, Sydney, New South Wales 2000

Telephone (02) 9227 4004 | Facsimile (02) 9227 4030 | Email nakari.thorpe@nntt.gov.au

Freecall 1800 640 501 | www.nntt.gov.au

Facilitating timely and effective outcomes.

JC/MB/DF31102011

31 October 2011

Attn: Rebecca Moore

Cobbora Project
C/- EMGA Mitchell McLennan
PO Box 21
ST LEONARDS NSW 1590

Dear Ms Moore

RE: CONSULTATION WITH ABORIGINAL PERSONS AND ORGANISATIONS

Council received a letter from Neville Barker, dated 6 October 2011 requesting a list of Aboriginal persons and organisations who should be invited to your consultation.

Council is pleased to provide the following list for your information:

- Gallangabang Aboriginal Corporation
PO Box 508
WELLINGTON NSW 2820
(Accepted by Wellington Aboriginal Working Party as the traditions owners of land in the Wellington area)
- Wellington Valley Wiradjuri Aboriginal Corporation
PO Box 508
WELLINGTON NSW 2820
(Native Title Claimant)
- Mrs Joyce Williams is a contact for both organisations. Her phone number is (02) 6845 2593.

Council hopes this information has been of assistance.

Please contact me on (02) 6840 1723 should you require further information.

Yours faithfully



John Clague

Director Planning, Environmental and Community Services

18 August 2011

Ground Floor, Suite 01, 20 Chandos St
St Leonards NSW 2065
PO Box 21
St Leonards NSW 1590

Registered Aboriginal Party Address

T +61 2 9493 9500
F +61 2 9493 9599
E info@emgamm.com
www.emgamm.com

Re: Aboriginal heritage assessment - Cobbora Mine

Dear Registered Aboriginal Party

I am writing to introduce myself and the company I work for EMGA Mitchell McLennan Pty Limited (EMM). My name is Neville Baker. I have worked in the field of Aboriginal archaeological assessments around various parts of NSW over the last 20 years, but mostly in Sydney, Hunter Valley and the western coal fields.

The company I work for, EMM, is continuing the Aboriginal heritage assessment on the Cobbora Coal Project. I understand that your organisation worked with Tim Owen from ERM in the early stage of the assessment. ERM is no longer working on the project.

Cobbora Holding Company has engaged EMM to prepare an Environmental Assessment for a revised mine plan. EMM will pick up the Aboriginal heritage assessment where ERM left off. I aim to provide more detail about the changed mine plan in the near future.

The mine plan has changed since ERM's earlier surveys. Due to the changed locations of the proposed mine pits, a reassessment of impacts and management measures is required. I look forward to consulting with you about these once the Aboriginal heritage assessment progresses over the coming months.

The preferred form of communication is by letter or fax to the following:

Cobbora Project
EMM Heritage Team
atn: Neville Baker
PO Box 21
St Leonards
NSW 1590
Fax: 02 9493 9599

I will be writing to you, as well as the other Aboriginal stakeholder groups in the near future with further details. I invite you to nominate a contact person to whom further correspondence on the matter can be addressed.

Yours sincerely



Neville Baker
Associate Director - Archaeologist

Rebecca Moore

From: dorothea stewart [mamma2830@hotmail.com]
Sent: Thursday, October 20, 2011 9:22 AM
To: Rebecca Moore
Subject: stakeholder

Dear Rebecca

I wish to register Binjang Wiradjuri Aboriginal Heritage Surveys as a stakeholder for the Cobborra Mine project
-Cheers
Dorothea Stewart
CEO Binjang Wiradjuri Aboriginal Heritage Surveys

Rebecca Moore

From: Mingaan Lithgow [mingaan.lithgow@ymail.com]
Sent: Tuesday, October 18, 2011 11:42 AM
To: Rebecca Moore
Subject: Re: ATTN: Helen Riley Aboriginal Heritage Assessment Cobbora

Hi Rebecca

Yes the office is at 38 Tweed Rd Lithgow 2790 02/63522473 Contact at this email and address. The address at Kelso has never been used as the office it has always been here. Looking forward to working with you hope to talk to you soon.

regards

Helen Riley (treasure)

Mingaan Aboriginal

From: Rebecca Moore <rmoore@emgamm.com>
To: "mingaan.lithgow@ymail.com" <mingaan.lithgow@ymail.com>
Sent: Tuesday, 18 October 2011 11:40 AM
Subject: ATTN: Helen Riley Aboriginal Heritage Assessment Cobbora

Dear Helen,

I am writing to you because a letter sent to you on behalf of the Mingaan Aboriginal Corporation was not able to reach you at the address - 7 Miriyan Drive Kelso, NSW 2795. This letter referred to an Aboriginal heritage assessment of the Cobbora Coal Project. It is my understanding that the Mingaan Aboriginal Corporation was working with Environmental Resource Management (ERM) and Dr Tim Owen in the early stages of this assessment. My company EMGA Mitchell McLennan (EMM) is now working on this project and would like to consult with the Mingaan Aboriginal Corporation regarding Aboriginal heritage impacts and management. Please see the attached letter which contains more details.

Could you respond letting me know;

- If you are still the primary contact person for the Mingaan Aboriginal Corporation and providing me with up to date contact details;
- If you are not the primary contact person and if you know who that would be

Please do not hesitate to contact me if you have any questions.

Regards,
Rebecca Moore
Archaeologist

EMGA|Mitchell McLennan
Ground Floor, Suite 01
20 Chandos Street
St Leonards NSW 2065

PO Box 21
St Leonards NSW 1590

T +61 (0)2 9493 9500 | D +61 (0)2 9493 9516| F +61(0)2 9493 9599
www.emgamm.com



Please consider the environment before printing my email



PO BOX 508
Wellington NSW 2820
ABN: 7755 4814 3187
ICN: 7398

Cobbora Coal Project
C/o EMGA Mitchell McLennan Pty Ltd
PO Box 21
St Leonards, NSW, 1590

Re: Cobbora Coal Project Aboriginal Heritage Assessment

Wellington Valley Wiradjuri Aboriginal Corporation (WVWAC) would like to register our interest as a Stakeholder to the above project. WVWAC has officially taken responsibility of all Culture and Heritage within our Native Title area from Gallangabang Aboriginal Corporation as of 22nd May 2010.

On the 18/12/09 the Wellington Valley Wiradjuri Claimants were successful in attaining registration of our Native Title Claim NC09/4 which encompasses a large portion of the North Wiradjuri Nation. A Registered Native Title Claim provides our traditional organisation with the sole authority on all Aboriginal Culture and Heritage issues within our defined region. The Wellington Valley Wiradjuri represents fourteen traditional families with identified apical ancestry pre European occupation. We know our culture, country and continue with our association with our traditional lands.

WVWAC has been established as a Prescribe Body Corporation to represent and administer our Native Title for the Claimants. Our charter is to protect Aboriginal culture and our heritage on our country and our aim is to work with all relevant parties to achieve our objectives.

Following the closure of the stakeholder notification period, WVWAC would appreciate you providing WVWAC with a list of the organisations and/or persons who have registered as aboriginal stakeholders and their respective contact details. Additionally we would appreciate early notice as to the proposed dates and location for the initial consultation meeting.

WVWAC does not object to our details being given to OEH, WVWAC do not wish you to advise any other organisation of our interest to this project.

WVWAC look forward to participating in the above project, sharing our knowledge of country and to ensure our Heritage is protected.

Yours faithfully

S. S. Parkes 7. 10. 2011

Stephen Parkes
WVWAC
Board Member

Rebecca Moore

From: Phil Towler
Sent: Tuesday, August 23, 2011 11:11 AM
To: Neville Baker
Cc: Mark Roberts
Subject: CCP - Primary contact

Neville

Debbie Foley, Murong Gialinga called in response to your letter re Cobbora.

She is the Acting Secretary and will be the primary contact for Murong Gialinga.

Larry Foley also received his letter.

Regards

Phil

Philip Towler
Associate Director

EMGA | Mitchell McLennan

Ground Floor, Suite 01
20 Chandos Street
St Leonards NSW 2065

PO Box 21
St Leonards NSW 1590

T 02 9493 9500 | D 02 9493 9518 | M 0409 702 050 | F 02 9493 9599

www.emgamm.com



6 January, 2010

NAME
COMPANY
ADDRESS
ADDRESS

Our Reference: 0103492L16

Dear NAME,

RE: ABORIGINAL COMMUNITY OPEN DAY

Following the completion of the field survey for the Cobbora project, I wish to invite yourself and all members of your group to a community open day in Dunedoo's Jubilee Hall on Monday 8 February, 2010. This invitation is not restricted to senior members of the community; any interested Aboriginal person from your group is able to attend the meeting.

1. PURPOSE OF THE OPEN DAY

The community open day is intended to address three objectives:

1. present the results of the field survey - by providing all interested and registered Aboriginal groups and people with an overview of the outcomes of the two phases of field survey;
2. to discuss with Aboriginal peoples, the cultural and social significance of recorded Aboriginal sites and places within the regional landscape at Cobbora; and
3. to discuss the proposed heritage mitigation strategy and determine outcomes of Aboriginal heritage that are community driven and focused.

2. LOCATION AND TIME

The community open day will be held on Monday, 8 February, 2010, at the Dunedoo Jubilee Hall, which is located at 148 Bolaro Street, Dunedoo, opposite the Caravan Park.

The community open day is not a meeting, it is intended that members of the community can visit to discuss the heritage finding at a convenient time.

Therefore the Jubilee Hall will be open between 1200 and 1700 on the 8 February. You and any of your community members are invited to come along at any time during these hours.

3. LOGISTICS

The meeting will be attended by Tim Owen and another ERM staff member. The two ERM staff will be able to discuss Aboriginal heritage matters with you and record any statements you wish to put on record. All recorded statements will be attached to the Aboriginal heritage assessment and included in ERM forthcoming heritage report.

Attendance at the meeting is voluntary and no reimbursement can be offered for time and expenses associated with attending the day. Basic catering of tea and coffee will be attempted, but cannot be guaranteed.

Please can you indicate by phone and/or email how many people from your community are likely to attend and the time you would like to come. My phone number is 02 8584 8842 and email: tim.owen@erm.com

I look forward to seeing you and discussing your heritage on the 8 February, 2010.

Yours sincerely,
for Environmental Resources Management Australia Pty Ltd

Dr. Tim Owen
Senior Archaeologist

20 October, 2009

Cobbora Heritage Assessment,
All Registered Aboriginal Stakeholders

*Reference: 0103492 ALL GROUPS POST MEETING 19 OCT_L13 ERM TO
ALL GROUPS.DOC*



Dear Sir/Madam,

**RE: ABORIGINAL COMMUNITY MEETING, 19 OCTOBER 2009,
MEETING OUTCOMES AND FUTURE CONSULTATION**

1. BACKGROUND

As you are aware ERM is undertaken the Aboriginal heritage assessment, on behalf of Cobbora Management Company (CMC) for the proposed Cobbora coal mine, NSW. This letter provides you with an overview of the process to date and the outcomes of the Aboriginal community meeting, held in Dunedoo on 19 October 2009.

In line with the DECCW guidelines for Aboriginal community consultation, ERM has undertaken the Aboriginal community registration by:

- placing adverts in the local press (Dubbo Daily, 22 September; Mudgee Guardian, 23 September; and the Koori mail, 7 October);
- consulting with Paul Houston of the DECCW;
- consulting with the Dubbo and Mudgee Local Aboriginal Land Councils;
- consulting with the Registrar of Aboriginal Owners and NSW Native Title Services; and
- consulting with local councils (Mid Western Regional Council, Warrumbungle Shire Council and Wellington Council).

1.1 OUTCOMES OF COMMUNITY REGISTRATION

The outcomes of the initial consultation process were the names of 19 individuals and/or groups who should be contacted with respect to project 'registration'. ERM wrote to all 19 groups and asked them to register for the project; eight of the 19 groups registered an interest in the project. The groups that registered are detailed in *Table 1*:

Table 1 Aboriginal Groups who have registered for the project

Group	Contact	Date of registration
Dubbo Local Aboriginal Land Council	Uppannia Sullivan	15 September 2009
Mudgee Local Aboriginal Land Council	Aleshia Lonsdale	15 September 2009
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis	26 September 2009
North-East Wiraduri	Lyn Syme	26 September 2009
Wirrimbah Direct Descendants	Stephen Ryan	28 September 2009
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Debbie Foley and Larry Foley	28 September 2009
Gallangabang Aboriginal Corporation	Joyce Williams, via Lee Thurlow	30 September 2009
Mingaan Aboriginal Corporation	Helen Riley	16 October 2009

2. ABORIGINAL COMMUNITY MEETING

On 19 October 2009, at 1030 in the Dunedoo Jubilee Hall, an Aboriginal community meeting was held. This meeting was an open invitation to all listed Aboriginal stakeholder groups. ERM sent invitations to all 19 Aboriginal groups who had been identified during the initial Aboriginal stakeholder identification process.

The following groups/persons attended the Aboriginal stakeholder meeting:

Table 2 *Aboriginal stakeholder who attended the meeting*

Organisation	Representative Present
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis Kevin Williams
North-East Wiraduri	Lyn Syme
Gallangabang Aboriginal Corporation	John Riley Lee Thurlow Jonny Ely Joyce Williams Violet Carr Jane Austin Darren Martin Steve Parkes
Dubbo Local Aboriginal Land Council	Thomas Toomey
Mudgee Local Aboriginal Land Council	Aleshia Longsale
Nanima Progress GM	Neville Brown Paul Melown
Stewart Family	Michael Coxsedg
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Debbie Foley Larry Foley
Wellington Traditional Owner	Wayne Carr
NSWALC/ Thabbagah	Stephen Ryan
Registered but not present at the meeting	
Mingaan Aboriginal Corporation	Helen Riley

The meeting was also attended by Tim Owen (ERM), Steve Bullman (CMC) and Philip Teitzel (solicitor for the Wellington Valley Native Title Claim, applicant Joyce Williams). The DECCW were invited to attend the meeting, but could not attend.

As stated, in the letter provided to all 19 stakeholder groups, the intent of the community meeting was to:

- discuss the mining project;
- the survey methodology and assessment; and
- determine which stakeholder groups will be involved in the field survey.

2.1 OUTCOMES OF THE MEETING

The meeting was held in two halves: the first half was an introduction to the project and the assessment; the second half was the selection by the Aboriginal community of those groups that the community wanted to be involved in the field survey section of this assessment project.

During the first half of the meeting Steve Bullman (CMC) presented the intent of the Cobbora coal mining project. Tim Owen provided an overview of the archaeological and cultural assessment of the project. Members of the community were free to ask any questions relating to the project. Subjects that were discussed by the Aboriginal community included:

- the Aboriginal stakeholders who were present and the Aboriginal community stakeholders who should be involved;
- issues associated with Native Title claims;
- issues associated with NSW planning process;
- the actual intent and layout of the mine;
- the survey methodology; and
- the heritage assessment process.

At the end of the first section of the meeting Stephen Ryan stated that the Aboriginal community would step outside the meeting room and discuss who should be involved in the field survey. Wendy Lewis, Kevin Williams and Lyn Syme left the meeting during the break. Prior to leaving Wendy Lewis asked Tim Owen to include their groups in the field survey. Tim Owen confirmed that he would make a statement on behalf of their groups, at the commencement of the second session, that they wished to be involved in the field survey component of the project.

At the start of the second session, Stephen Ryan enquired where Wendy Lewis, Kevin Williams and Lyn Syme had gone. Tim Owen stated that Wendy Lewis,

Kevin Williams and Lyn Syme had left the meeting; he also formally stated to those remaining, that the two groups Wendy Lewis, Kevin Williams and Lyn Syme represented wanted to be involved in the field survey component of the project on the Mudgee Local Aboriginal Land Council land.

An open discussion was held between all those present as to which groups should participate in the field survey. *Table 3* details the outcomes of the Aboriginal community's selection process. It should be noted that these groups were selected by the Aboriginal community; ERM and CMC were not involved in the selection process. Each group is to provide three representatives per day.

Table 3 Aboriginal stakeholder groups selected by the Aboriginal community to participate in the field survey

Group	Days of Survey
Dubbo Local Aboriginal Land Council	Days 1-9
Mudgee Local Aboriginal Land Council	Day 10 only
Wirrimbah Direct Descendants	Days 1-9
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Day 10 only
Gallangabang Aboriginal Corporation	All 10 days of the survey

2.2 POST MEETING

Following the meeting, ERM had extended an invitation to all Aboriginal stakeholders to visit the proposed mining site and inspect some of the Aboriginal sites known in the area. The inspection was attended by some of the Aboriginal representatives present.

3. FUTURE ABORIGINAL COMMUNITY CONSULTATION

In line with the DECCW Aboriginal community consultation process, ERM must and will continue to consult with all eight registered Aboriginal community groups.

ERM confirms that those groups, or persons, who were not selected by the Aboriginal community for participation in the field survey, will still be invited to every meeting, and provided with copies of every letter, and included in the stakeholder consultation process for the whole of the project. This is a DECCW requirement which ERM must adhere to.

ERM further confirms that any confidential and/or sensitive Aboriginal community advice provided by the Aboriginal community over the duration of the project will be treated as 'restricted' and not placed in the public domain.

Prior to the Aboriginal heritage assessment being lodged with the Department of Planning (DoP), ERM propose for the following Aboriginal community consultation and involvement:

- o a second Aboriginal community stakeholder meeting, where the results of the survey will be discussed and every Aboriginal stakeholder will be allowed to input into the assessment process. Invitations will be extended to all eight registered Aboriginal groups, those who attended the meeting on 19 October 2009, the DECCW, CMC, a mining company representative (if determined) and a representative from the DoP. It is intended to hold this meeting mid-November 2009, most probably in the Dunedoo Jubilee Hall;
- o each registered Aboriginal stakeholder group will be provided with a copy of the draft report for their comment. All comments will be amended and attached to the assessment report. It is intended that the draft report will be provided by the beginning of December 2009. ERM would expect any comments within two weeks of submission of the draft; and
- o following CMC lodgement of their Part 3a approval (by Christmas 2009), a period of the environmental assessment's public exhibition will occur. This period (normally two months) will allow each Aboriginal stakeholder groups further opportunity to comment on the Aboriginal heritage assessment and make a public submission to the DoP.

4. CONCLUSION

This letter has provided you with an overview of the Aboriginal consultation process to date, and how ERM intends to proceed from herein. ERM will soon be in contact to provide the details of the next Aboriginal heritage meeting.

A copy of this letter has been sent to each registered Aboriginal group (*Table 1*) and Paul Houston of the DECCW.

Yours faithfully,
for Environmental Resources Management Australia Pty Ltd

Dr. Tim Owen
Senior Archaeologist

WARRABINGA

Native Title Claimants Aboriginal Corporation

PO Box 771

Picton NSW 2574

MOBILE: 0409 966 371 or 0409 966 163

FAX: 02 4677 0454



26th October, 2009.

Dr. Tim Owen,
Senior Archaeologist,
ERM,
Locked Bag 24,
BROADWAY. NSW. 2007.

Tim,

**RE: ABORIGINAL STAKEHOLDERS MEETING, 19TH OCTOBER, 2009
MEETING OUTCOMES AND FUTURE CONSULTATION**

There are a number of issues to be addressed arising out of the Dunedoo meeting OF 19 October 2009.

Status of Meeting

You refer to an Aboriginal "community" meeting in your fax of 22 October 2009. It was in fact by your own reference an Aboriginal **stakeholder** meeting (0103492-L09-Aboriginal Stakeholder meeting.doc). It was **not** a community.

If you refer to that meeting as a single "community meeting", to which community are you referring? There were represented at the meeting a number of quite distinct and separate communities across 150kms. or more of landscape. Can you refer to them scientifically or ethnologically as a single community. This has impact on your decision to hear the voice of this meeting as a single voice of community and accept its decisions.

We do not accept your or CMC's acknowledgement of a single voice from this meeting as a voice for all the communities involved. It is a false and misplaced assumption on both your parts.

Reasons for leaving the meeting

Lyn Syme Wendy Lewis and Kevin Williams left the meeting to attend to an urgent family crisis which involved a travel time of 2-3 hours. There is no apology for that. This is what happens in Aboriginal communities, and will no doubt happen during the course of the filed survey.

That said, Steve Ryan's comments as a serving NSWALC councillor and personal rep at the meeting (that Wendy Lewis, Lyn Syme and Kevin Williams have left the meeting and therefore cannot argue a position) are unacceptable and frivolous.

WARRABINGA

Native Title Claimants Aboriginal Corporation

PO Box 771

Picton NSW 2574

MOBILE: 0409 966 371 or 0409 966 163

FAX: 02 4677 0454



We did not have an obligation to argue our position to the meeting. We had registered our interest in writing and advised you personally before leaving the meeting. This matter will be taken up with NSWALC as to his obligations as to ethical conduct under his Code of Conduct. His pecuniary interest will also be a matter of discussion given that he registered at the meeting as NSWALC.

By what authority does Steve Ryan say that the Native Title association of the excluded groups (NEWCO and Warrabinga) "has never extended that far"? (Your fax of 22 October 2009). You state that you are "unable to comment or act upon the validity of any Aboriginal groups claim to be the Traditional Owners of this area". Yet you have "accepted and acted" by accepting the unverified statements of Councillor Ryan. As noted earlier the Aboriginal community you refer to is a conglomerate of communities not a single community. It is the case that no binding "community" decision can arise out of the Dunedoo meeting of 19 October 2009.

The responsibility of ERM and CMC was to accept the registration of interest by all stakeholders. To do otherwise would be to make a de facto decision.

The comments by Wayne Carr "The Land Councils should not be involved in the survey) are ill informed. He does not understand the statutory obligation to involve them.

You have accepted comments by him which clearly display his lack of knowledge and understanding on this matter and he is then able to make other comments which are not tested.

While stating that you cannot be involved in determining the traditional ownership of country, you have in fact done so by accepting the untested statements of Wayne Carr and excluding New Co and Warrabinga. It is a matter of public legal record that I as an applicant and the groups I am a part of have been accepted for registration on at least six occasions whereas Wayne Carr and the organisations that he is a part of have failed registration a number of times. This is the person you rely on and accept his statements as to ownership of country. It will remain to be seen whether his latest attempt at registration that he referred to at the meeting will succeed. When it fails, you and CMC will have to deal with a situation where you have excluded registered owners in favour of failed owners.

ERM and CMC have acted to allow exclusion of NEWCO and Warrabinga from fieldwork in their traditional area. While doing this you have allowed a non-Wiradjuri organisation to participate in the field survey and comment upon Wiradjuri cultural heritage.

Murong Gialinga

Mudgee LALC is included on the basis that there is a statutory obligation to do so. Where does the statutory right exist with regard to Murong Gialinga (MGATSIC)?

WARRABINGA

Native Title Claimants Aboriginal Corporation

PO Box 771

Picton NSW 2574

MOBILE: 0409 966 371 or 0409 966 163

FAX: 02 4677 0454



Both representatives of MGATSIC have only been in the field for a year. The level of their knowledge is such that Larry Foley wanted to divert a watercourse around a set of grinding grooves to protect them. That is the level of his cultural knowledge. Both have no knowledge of their Aboriginality or this country. Debbie Foley is no better in terms of cultural knowledge as she calls herself Gandangara from Braidwood! It is an offence that you have allowed this non-Wiradjuri organisation to be included at the expense of Traditional Owners with generations of cultural knowledge. Further the "map" of MGATSIC area is not a matter of fact in terms of their registration as an incorporated body. You and CMC have accepted this as a matter of fact and not questioned it. The "map" is exactly that of Mudgee LALC when it is not the case.

Warrabinga is not claiming the right to country associated with Dubbo LALC and Gallangabang Aboriginal Corporation; however we retain the right to claim country associated with the Mudgee area. If the right of Mudgee LALC and Murong Gialinga to participate is based on their coverage of the Mudgee area it is inconsistent to exclude the Traditional Owners of the Mudgee area.

I have attached copies of NNTT decisions relating to Traditional Owners of the Wellington area to inform you of their failures to be able to satisfy registration tests before the Tribunal. The present application referred to by Wayne Carr is not registered and may suffer the same fate as the others. ERM and CMC will then be faced with a situation where Traditional Owners of the Mudgee area have been excluded at the expense of those who cannot prove Traditional Ownership.

I await your response.


Wendy Lewis

Tim Owen

From: Helen Riley [helen.riley2@bigpond.com]
Sent: Monday, 25 January 2010 7:54 PM
To: Tim Owen
Subject: Re: Meeting 8 Feb and a CD
Follow Up Flag: Follow up
Flag Status: Purple

hi tim thanks for the invite but i have another meeting i will to get others from the group to attend thanks helen

----- Original Message -----

From: [Tim Owen](#)
To: Helen.riley2@bigpond.com
Sent: Wednesday, January 06, 2010 4:43 PM
Subject: Meeting 8 Feb and a CD

Helen,

Today, I have express posted you a letter that invites you (and all members of your group) to an open day on 8 Feb in Dunedoo (anytime between 1200 and 1700). I have also invited the DECCW and representatives from CMC. One of the intentions of the open day will be to discuss social and cultural significance with you and members of your group.

Please can you confirm your/your groups attendance at the meeting on 8 Feb.

Cheers and hope you had a great break!

Tim

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Please visit ERM's web site: <http://www.erm.com>

Tim Owen

From: Debbie Foley [dfoley2850@hotmail.com]
Sent: Sunday, 20 December 2009 9:32 PM
To: Tim Owen
Subject: RE: Cobbora Survey
Follow Up Flag: Follow up
Flag Status: Completed

9 Inglis street mudgee 2850 Following the meeting in Gulgong on friday we would like to let you know our thoughts .The area we have been working has a lot of Aboriginal Culture we would like the mining industry to be able to save the artifacts that have been found and either put in a conservation area belonging to the Aboriginal people in the area all of our people not one group.The owners of the mine could build a Cultural Heritage building so our Culture can be passed on to our future generations and both Aboriginal people and non Aboriginal people can share our culture together.The area we have been working at have some very beautiful pieces of material that was used long ago we feelthat it is most important that we save our Culture as when its lost we can never have it back to pass on. We would like to have agood relationship with the mining industry.regards Larry Debbie Shane Shannon Foley.

From: Tim.Owen@erm.com
Date: Wed, 2 Dec 2009 15:08:30 +0800
Subject: Cobbora Survey

Dear all

The field work has been confirmed!!!

I would like for you to send your representatives (as previously detailed) to meet me on Wednesday morning at 545am (I intend to start walking at 6am because of conditions on site i.e. heat).

I want them to meet me at the junction of Laheys Creek Road and the Castlereagh Highway. I will assume that they will be driving from Gulgong - please can you them the following directions:

1. Travel north from Gulgong on the Castlereagh Highway.
2. After around 6km turn left onto Laheys Creek Road – this is clearly sign posted.

We will then drive together to the start of the survey.

On Wednesday we will survey 5km – I then have to attend a meeting – so we will have finished work around 10 am.

On Thursday we will survey 6 km.

No work on Friday as I have a citizenship ceremony on this day.

The following Monday we will complete the N-S pipeline survey, with a length of around 6 km.

At the current time I have not been advised how we access the E-W pipeline. However, I should be told this week and will provide you with details. The E-W survey will take a further six days.

Your representatives must bring all food, water and provisions including PPE (boots and reflective vests) for the day. If extreme temperatures and/or bush fire are encountered then the day will be cancelled/stopped early and we will continue the survey when it is safe to do so.

I hope this all makes sense! Give me a call on 8584 8842 if you have any questions!

I will also provide your representatives with a CD containing the data (AHIMS cards and site photos) from the first survey we undertook.

Cheers

Tim

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TEITZEL & PARTNERS

Liability limited by the Solicitors' Scheme, approved under the Professional Standards Act 1994 (NSW)
Solicitors (ABN 17988725004)

PO Box 442
Roseville NSW 2069
Telephone: (02) 9416 3138
Facsimile: (02) 9880 9061
Email: teitzel@bigpond.net.au
File 3088

1st October 2009

Mr Tim Owen
ERM Australia
Locked Bag 24
BROADWAY NSW 2007

Email: tim.owen@erm.com

Dear Mr Owen

Re: Aboriginal Heritage Assessment – Cobbora

We refer to your company's involvement in the proposed mine area at Cobbora.

We advise that we are solicitors for the Wellington Valley Wiradjuri Native Title Claim and can confirm that this claim is currently awaiting registration by the NNTT and is Federal Court Matter No. NSD 912/09. We understand that our clients' native title claim at its Northern boundary immediately abbutts the area proposed for the Cobbora mining development.

Accordingly our clients have an interest in all activities proposed in relation to the abovementioned area, as previously alluded to by the Gallanggabang Aboriginal Corporation in their correspondence to you of 30.9.09 and we await your acknowledgement of our clients' interest in that proposal.

Yours faithfully
TEITZEL & PARTNERS

Philip J Teitzel

Cc: Joyce Williams (Applicant)

Tim Owen

From: Gallanggabang Aboriginal Corporation [gallanggabang@hotmail.com]
Sent: Wednesday, 30 September 2009 10:28 AM
To: Tim Owen
Subject: Aboriginal Heritage Assessment - Cobbora
Follow Up Flag: Follow up
Flag Status: Red
Attachments: 2009-09-30 [Letter to ERM - Interested Stakeholder [From Gallanggabang Abor Corp].pdf; Copy of a Report Gallanggabang does [MR 233N Mount Bodangora].pdf

Dear Mr Owen

Gallanggabang is very interested in being consulted in doing an Aboriginal Heritage Assessment. Please find an attach letter from our Chairperson Mrs Joyce Williams. I have also attach a copy of a recent survey Gallanggabang has completed, to show you what try of work we do.

I am also aware that the Wellington Council will be forwarding a letter to you stating that Gallanggabang is the nominated organisation in the Wellington region to do site assessment. This has been voted by all the Aboriginal organisations in Wellington.

Should you have any inquiries please do not hesitate to contact me.

Regards

Mr Lee Thurlow

Contact Officer
Gallanggabang Aboriginal Corporation
PO Box 463
Wellington NSW 2820
Mob: 0428 637 277

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**WIRRIMBAH DIRECT DESCENDANTS
PO BOX 2070 Dubbo NSW 2830
ABN: 77589476721**

25th September 2009

Tim Owen
ERM
Locked Bag 24
Broadway NSW 2007

Dear Tim

Re: EOI-Cobborah Coal Mine

Thanks for taking the time out to speak to us & following on from that we would like to confirm that we as the administrative arm for the Thubbagah people, being the Traditional Caretakers for that area, would like to be involved in all aspects of the project.

As advised to you, we have had two registered Native Title claims in the area & have been involved in negotiations with the Delco gas pipeline that runs through Cobborah.

We look forward to hearing from you on our EOI & probable future involvement.

This letter will be emailed by one of our Native Title Claim applicants (Stephen Ryan) on our behalf & you can communicate with us through him.

Should you require further certification of our right to be involved, please contact me.

Yours truly,

Chairperson



NORTH EAST WIRADJURI
COMPANY LTD

26th September, 2009

ERM,
Locked Bag 24,
BROADWAY. NSW. 2007

Environmental Resources Management Australia	
Referred to:	Ref. No:
Date Received 02 OCT 2009	
Checked by:	
Accepted By:	Date:
Project Director/Manager	

The Cobbora Mine Project
Expression of Interest
Aboriginal Cultural Heritage Assessment

North East Wiradjuri Co. Ltd., an organisation that represents Native Title interests in the area, wish to register our interest in the Aboriginal Cultural Heritage Assessment for the above Aboriginal Cultural Heritage Assessment and all consequential approvals under Part 3A of the Environmental Assessment Act 1979.

I can be contacted on the 0263734875 or 0427610209 should you require any further information.

Yours faithfully,

Lyn Syme,
Secretary

112 - 114 Main St, Ulan. NSW. 2850
Phone: 0263734611 Fax: ~~0263734613~~
ABN: 18125329526

WARRABINGA

Native Title Claimants Aboriginal Corporation

PO Box 771

Picton NSW 2574

MOBILE: 0409 966 371 or 0409 966 163

FAX: 02 4677 0454



26th September, 2009

ERM
Locked Bag 24,
BROADWAY. NSW. 2007

The Cobarra Mine Project
Expression of Interest
Aboriginal Cultural Heritage Assessment

Environmental Resources Management Australia			
Referred to:		Ref. No:	
Date Received	22 9 2009		
Accepted By: Date:			
Project Director/Manager			

I write to advise you of this organisation's interest in any work you may be undertaking in NSW in relation to Native Title and Aboriginal cultural heritage issues.

Warrabing Native Title Claimants Aboriginal Corporation was established to represent the interests of a large number of individual Aboriginal clan groups in the area.

Broadly our organisation has members with native title interests over the lands and waters associated with the Cox's River, Goulburn River and the Cudgegong River and other waterways within these boundaries.

We wish register our interest in the Aboriginal Cultural Heritage Assessment for the above project.

Should you require any further information, I can be contacted on 0409966052

Yours faithfully,

W Lewis
per A

Wendy Lewis
Hon. Secretary



**Murong Gialinga
Aboriginal & Torres Strait Islander Corporation**

PO Box 1097, Mudgee NSW 2850

ABN - 342 699 091 174

MGATSIC

Email - muronggialinga@hotmail.com

Chairperson, Larry Foley Ph 02 6372 0859 Secretary, Julie Pampa Ph 02 6372 4484

25.09.09

To whom it may concern,

***Re: Expression of Interest Aboriginal Cultural Heritage
"The Cobbora Mine Project"***

Murong Gialinga Aboriginal and Torres Strait Islander Corporation (MGATSIC) would like to request registration with your company ERM.

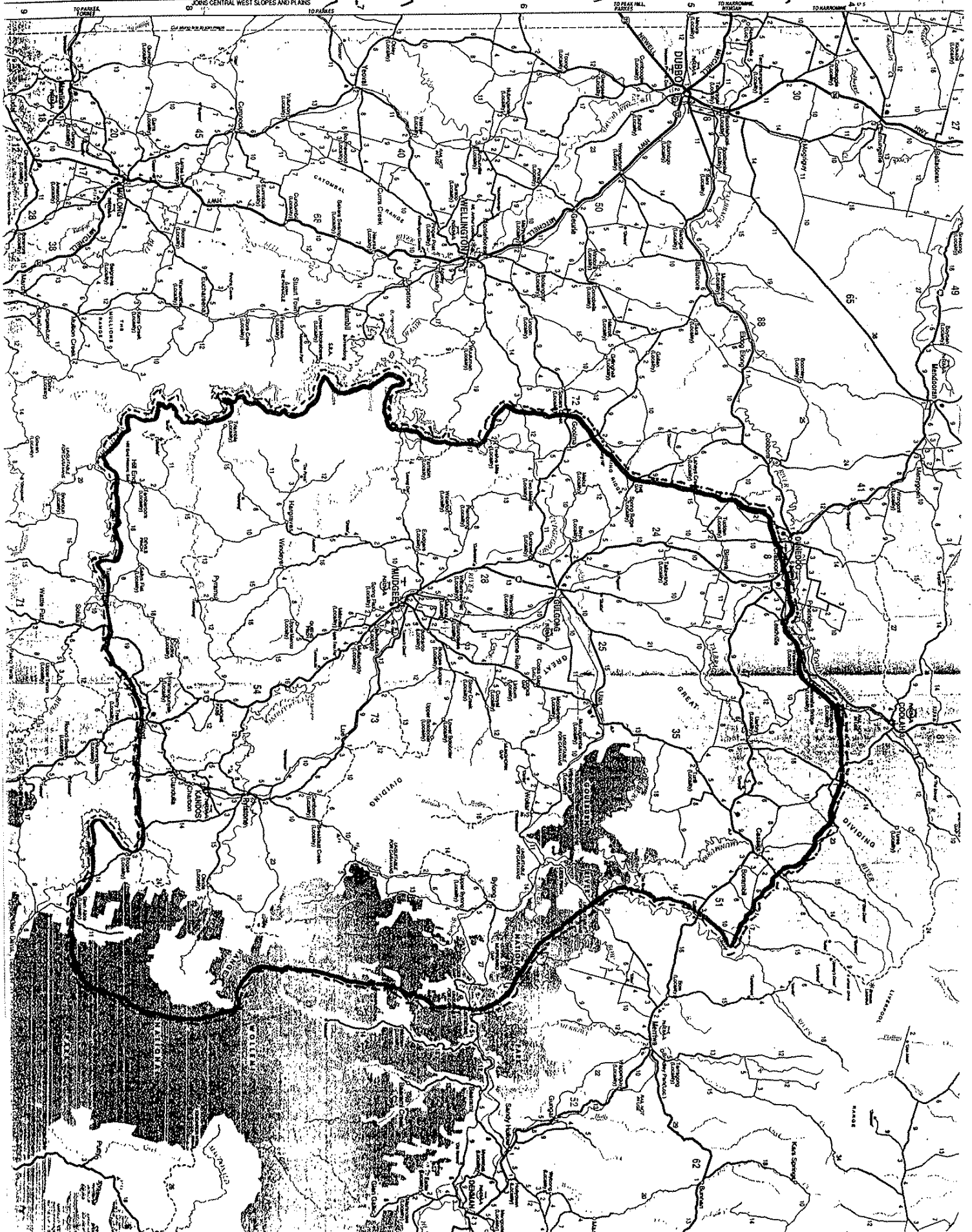
Enclosed is an area map of our organisation boundaries.

Please use the above postal address for **all** correspondence or the above email address. The Members of MGATSIC are looking forward to working with you in the future

Thank You

Julie Pampa
MGATSIC Secretary

- Murong Gwilinga Atsic Wiradjuri Boundaries -



2 October, 2009

Aboriginal Party Address

Our Reference: 0103492_L09_ABORIGINAL STAKEHOLDER
INFORMATION PACK.DOC

Attention: Aboriginal Party

Dear **Aboriginal Party,**

RE: Aboriginal Stakeholder Information Pack. Aboriginal Heritage
Assessment near Cobbora, NSW



1. INTRODUCTION

On behalf of Cobbora Management Company (CMC), Environmental Resources Management Australia (ERM) will be preparing an assessment of environmental factors, including an Aboriginal Heritage Assessment (AHA) for a large land area. This land is south of Cobbora, NSW and the project application area is shown on a regional scale in *Figure 1.1*.

The AHA is to be a standalone report that provides an assessment and management strategy for Aboriginal heritage values associated with the proposed open cut coal mining that has the potential to impact Aboriginal heritage sites and values. The project will be assessed by the NSW Department of Planning (DoP), under Part 3a of the *Environmental Planning and Assessment Act 1979* (EP&A).

This letter provides you with a proposed field survey methodology for the AHA and we would appreciate any written feedback on the survey methodology by **23 October 2009**. This letter also includes a section detailing the selection criteria for Aboriginal stakeholder involvement in the project.

We welcome your feedback on the method of assessing the Aboriginal heritage significance of the study area. We also welcome any information that you could provide us with concerning the cultural heritage values of the immediate study areas.

An Aboriginal community stakeholder meeting for those who register for this project will be held on Monday 12 October at 1030 in Dunedoo (venue to be advised).

2. THE PROJECT AREA

The land to be mined is south of the Golden Highway and north of Goolma Road. The whole area to be mined is located within the Dubbo Local Aboriginal Land Council (LALC) boundary. A short section of land (approximately 8 km) located within the Mudgee LALC, will be developed as a new railway line to haul coal onto the Gwabegar Line.

ERM have undertaken a DECCW AHIMS search of the zone surrounding the study area (30 km by 30 km). As the area has seen no formal archaeological survey, very few pre-existing Aboriginal sites are recorded.

The AHIMS search indicated that 72 registered Aboriginal sites are within the 30 km by 30km area; mainly artefact scatters and scarred trees. Only three of the previously recorded sites are within the project application area.

In order to understand the landforms and key issues within the local region, ERM recently undertook a brief inspection of key landscape areas and identified some new Aboriginal stone artefact sites and scarred trees. Most of these sites were located along Sandy Creek and Laheys Creek.

Therefore we propose that the field survey will focus on key landscapes that will be impacted by the proposed project and have a high potential for containing Aboriginal sites. These landscapes are associated with the two major creeks and upland areas with remnant forest.

3. PROPOSED SURVEY METHODOLOGY

ERM propose to assess Aboriginal heritage of the study area through a ten day pedestrian survey. It is anticipated that the survey will commence on **Monday 26 October** and be completed on **Friday 6 November 2009**.

The survey will aim to identify and record Aboriginal heritage sites and to assess their content, extent and significance. The survey will involve walking 70-80 km over the ten days and therefore requires Aboriginal community members who are physically fit and knowledgeable with respect to Aboriginal heritage site identification. The proposed survey route is shown in *Figure 2*. This figure also defines the location of the Mudgee/Dubbo LALC boundary.

We have been informed that five Aboriginal community representatives should participate in a paid capacity on each day of the archaeological survey. Representatives will be selected from within the Aboriginal community, by the Aboriginal community. ERM will not undertake this selection process. The heritage assessment will:

- identify and record any Aboriginal heritage sites (or areas with archaeological potential) located during the survey in accordance with the DECC's requirements;
- record the location of any Aboriginal sites using a GPS;
- assess the Aboriginal cultural significance of any Aboriginal sites through consultation with the survey participants;
- assess the scientific significance of any Aboriginal sites;
- determine the potential impact of the proposed works on the identified Aboriginal heritage values within the study area; and
- provide recommendations on how to manage and mitigate the proposed development impacts on known Aboriginal heritage values.

Following the survey, ERM will hold an Aboriginal community workshop. This workshop will allow any member from the local Aboriginal community to view the records relating to the survey and Aboriginal sites recorded. Any community member will be allowed to provide written statements detailing their opinions, concerns or requirements with respect to the future management of the Aboriginal heritage sites. All community members will be asked to provide a written statement assessing the significance of the project area and the Aboriginal sites recorded.

Following the field survey and the community day; ERM will prepare an AHA report to the DECCW's standards.

All Aboriginal stakeholders, who registered an interest in the AHA, will be afforded an opportunity to comment and provide written feedback on ERM's AHA prior to it being submitted to the DoP for review. All Aboriginal community members will be afforded a second opportunity to review and comment on the ERM AHA when it is placed on public display.

4. ABORIGINAL COMMUNITY REPRESENTATIVES

Following current NSW DECCW Aboriginal heritage consultation guidelines, if your stakeholder group would like to participate in the survey, we invite you to provide an offer of your services which describes the skills or experience of your representative. Please return the attached form (overleaf) with the relevant stakeholder registration information by **16 October 2009**. Newspaper adverts have been placed in the local press requesting further groups to come forward.

A decision to engage any Aboriginal field survey representatives will be based upon the information supplied in these offers. Engagement for this project will be by CMC, not ERM. Client decisions are independent of ERM and may not reflect our opinions and/or advice.

In order to participate in the survey, Aboriginal representatives must hold the relevant insurance. CMC will require copies of your certificate of currency for details concerning your Public Liability and Workers Compensation Insurance.

4.1 PARTICIPATION IN FIELD SURVEY

CMC will engage a limited number (five) of Aboriginal representatives to assist with the field survey for this project. Given the size of the project area, the length of time that the survey will take (ten days) and the fact that the project is located on two Land Council's land, the survey team may not be the same for the whole project. If you wish to participate in this aspect of the project, please address the following questions overleaf.

The archaeologist leading the site investigation will prepare a safe work method statement for the investigation. Participants are required to adhere to these requirements. It is a requirement that all survey participants are physically fit and capable of walking up to 10 km each day.

The following safety equipment will be required during the survey. Participants without the appropriate safety equipment will not be permitted to attend:

- o all food and water as required;
- o sturdy walking shoes;
- o sun protection – sun cream, hat, sunglasses; and
- o fluorescent clothing or vest.

Copies of your insurances, certificates, licences, etc will need to be provided prior to your participating in the field survey.

4.2 ABORIGINAL COMMUNITY MEETING

An Aboriginal community meeting will be held in **Dunedoo** on **Monday 19 October at 1030**. This meeting has been requested by members of the Aboriginal community. The meeting will be used to discuss the project, survey methodology and determine which stakeholder groups will be involved in the field survey.

If you, or a representative, cannot attend this meeting, then you must either assign another group to represent you, or provide sufficient information for your participation in the survey to be considered.

ERM will contact you upon registration to provide details relating to this meeting, including the venue.

1. KNOWLEDGE, RELATIONSHIP AND ASSOCIATION TO THE LOCAL COUNTRY (PLEASE PROVIDE A MAP DEFINING THE AREA YOU REPRESENT):

2. NETWORKS WITHIN ABORIGINAL COMMUNITY AND ABILITY TO REPRESENT THE COMMUNITY

e.g. member of LALC, Registered Native Title Claimant, Community Elder/Leader, etc (provide details of location):

3. EXPERIENCE IN PROVIDING CULTURAL HERITAGE ADVICE – Nominate individual(s) who will attend the survey and their experience.	
<i>Name</i>	
<i>Experience</i>	
<i>Name</i>	
<i>Experience</i>	
4. COST (per person)	CMC will offer a flat rate of pay, per person, per day. The pay will be the same for every group represented.
5. INSURANCE	Provide copies of current insurance policies (Public Liability, Worker Compensation (if a company))

Please attach any additional information, as you feel is appropriate.

5. SUMMARY

Please can you also provide feedback and the information listed below and return it to ERM by the dates indicated. All correspondence should note the reference number 0103492 or Cobbora. ERM requires:

- o registration of interest to be involved in the AHA (to be received by **16 October**);
- o the attached form (above) filled out with the requested information (to be received by **16 October**); and
- o specific details defining your cultural boundaries and that you represent traditional Aboriginal heritage in the project areas – please supply a map showing your boundaries (to be received by **16 October**);
- o feedback with regard to the proposed survey methodology (to be received by **23 October**);
- o confirmation of attending the Aboriginal community stakeholder meeting on **Monday 19 October** at 1030;
- o any further relevant knowledge with regard to Aboriginal heritage within the study area;
- o certificates of currency for workers compensation and public liability insurance (to be received by **23 October**).

If you have any queries concerning the project, please feel free to contact me on the number listed below.

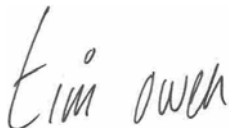
Email: tim.owen@erm.com

Phone: 02 8584 8888

Fax: 02 8584 8800

Address: ERM, Locked Bag 24, Broadway, NSW, 2009

Many thanks,



Dr Tim Owen
Heritage Consultant

Tim Owen

From: rryan@warrumbungle.nsw.gov.au
Sent: Thursday, 24 September 2009 2:16 PM
To: Tim Owen
Subject: Aboriginal Assessment - Cobbora

Follow Up Flag: Follow up
Flag Status: Red

Tim

Your Ref : 0103492L05_MK to WSC.doc

Letter to Council dated 22.09.09 requested any names of Aboriginal Groups or individuals whom we considered should be consulted about the Cobbora Unincorporated Joint Venture project.

We certainly consider that the Local Aboriginal Lands Council 's may be interested and contact details are as follows

Coonabarabran Local Aboriginal Lands Council PO Box 110 Coonabarabran NSW 2357 Ph 6842 3137 Email coonabarabran.lalc@bigpond.com

Gilgandra Local Aboriginal Lands Council
72 Warren Road
Gilgandra NSW 2827

Caroona Local Aboriginal Lands Council
Community Hall
Caroona NSW 2343

Dubbo Local Aboriginal Lands Council
Cnr Wingewarra & Darling Street
Dubbo NSW 2830

Mudgee Local Aboriginal Lands Council
PO Box 1098
Mudgee NSW 2850

We also assume that ERM has made contact with National Parks and Wildlife (DECC) offices in Dubbo, Coonabarabran and Mudgee.

Regards

Rebecca

Rebecca Ryan
Director Community Services
Warrumbungle Shire Council
Ph 6849 2000
Fax 6842 1337
Mobile 0427 752 690

Email rryan@warrumbungle.nsw.gov.au

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Please contact the sender if you believe you have received this email in error.

Melissa Karam

From: Peter Schultz [pschultz@ntscorp.com.au]
Sent: Tuesday, September 22, 2009 11:01 AM
To: Melissa Karam; Tim Owen
Subject: RE: Aboriginal Heritage Assessment, Cobbora

Hello Melissa – I advise that relevant Aboriginal Groups / individuals will be notified of the subject AHA and will be invited to register their interest directly with ERM. Please send future notices of this nature to NTSCORP – **PO Box 2105 Strawberry Hills NSW 2012**. If I am on leave or working in-the-field, notices sent to my email address cannot be processed. Thank you. peter schultz – snr notifications officer, ntscorp

From: Melissa Karam [mailto:Melissa.Karam@erm.com]
Sent: Tuesday, 22 September 2009 10:22 AM
To: Peter Schultz
Subject: Aboriginal Heritage Assessment, Cobbora

Hi Peter,

Please find attached a notification letter (and location map) for an Aboriginal heritage assessment at Cobbora NSW.

Cheers

Melissa Karam

Environmental Scientist
Environmental Resources Management Australia
Building C, 33 Saunders St
PYRMONT NSW 2009

Locked Bag 24
BROADWAY NSW 2007

Phone: +61 2 8584 8888
Direct: +61 2 8584 8831
Fax: +61 2 8584 8800

melissa.karam@erm.com
www.erm.com

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Please visit ERM's web site: <http://www.erm.com>

9/23/2009



PO BOX 156
MUDGEES NSW 2850

86 Market Street MUDGEES
109 Herbert Street GULGONG
77 Louee Street RYLSTONE

Ph: 1300 765 002 or (02) 6378 2850

Fax: (02) 6378 2815

email: council@midwestern.nsw.gov.au

Sian Holmes: sh :OUTR09/12051FA1,
A0420126

23 November 2009

Tim Owen
Building C
33 Saunders St
PYRMONT NSW 2009

*received
26 Nov.*

Dear Mr. Owen

**INVITATION TO ABORIGINAL HERITAGE ASSESSMENT AND ENQUIRY INTO
ABORIGINAL GROUPS**

In response to your letter received on the 22nd of November 2009, Council would be interested in being consulted in the matter. Other groups of interest may be:

Mudgee Local Aboriginal Lands Council
Mudgee, NSW, 2850
Phone: (02) 6372 3511

Murong Gialinga Aboriginal and Torres Straight Islander Corporation
PO Box 1097
Mudgee, NSW, 2850
Phone: (02) 6372 6717

Should you have any further enquires regarding this matter please contact Sian Holmes of Councils Planning and Development Department on ☎ 02 6378 2850.

Yours faithfully

A handwritten signature in black ink, appearing to read "Ben Rourke", written over a horizontal line.

**BEN ROURKE
MANAGER - PLANNING & DEVELOPMENT**

Tim Owen

From: Mike Nolan [Mike.Nolan@cma.nsw.gov.au]
Sent: Wednesday, 28 October 2009 2:47 PM
To: Tim Owen
Subject: 0103492_L09

Hi Tim,

I refer to your correspondence dated the 2 of October. I have recently been appointed to the Central West CMA and will be responsible for the executive support to the Central West Aboriginal Reference Group (ARG). I note that the date for your meeting in Dunedoo has past. The next ARG meeting will be held in November, are there any further opportunities for the ARG members to be involved in the process.

Kind regards

Mike Nolan

Catchment Officer
Central West CMA,
Level one, 211 Macquarie Street,
PO Box 2105, Dubbo NSW, 2830.
Phone; 02 6881 3416
Fax; 02 6881 3401

This message is intended for the addressee named and may contain confidential/private
Views expressed in this message are those of the individual sender, and are not r
You should scan any attached files for viruses.

9/11/2009

Your reference Cobbora
Our reference : DOC09/45217
Contact Paul Houston 68835361

ERM
Locked Bag 24
BROADWAY NSW 2007
Att: Tim Owen

23rd September 2009

Dear Tim,

**WRITTEN NOTIFICATION OF PROPOSAL AS REQUIRED UNDER DECC INTERIM
COMMUNITY CONSULTATION REQUIREMENTS FOR APPLICANTS – For proposed mine
near Cobbora, NSW**

I refer to your letter dated 9th September 2009 to the Department of Environment Climate Change and Water (DECCW) regarding the above matter.

A list of known Aboriginal parties that DECCW feels is likely to have an interest in this development is attached as Attachment 1 (overleaf). Please note this list is not necessarily an exhaustive list of all interested Aboriginal parties and receipt of this list does not remove the requirement of a proponent/consultant to advertise in local print media and contact other bodies seeking interested Aboriginal parties, in accordance with the Interim Requirements.

If you wish to discuss any of the above matters further please contact me, at your earliest convenience, on (02) 6883 5361.

Yours sincerely

Paul Houston
Aboriginal Heritage Planning Officer
Climate Change and Environment Protection

The Department of Environment and Climate Change is now known as
The Department of Environment Climate Change and Water.

PO Box 2111, Dubbo NSW 2830
48-52 Wingewarra St Dubbo NSW
Tel: (02) 6883 5330 Fax: (02) 6884 9382
www.environment.nsw.gov.au

ATTACHMENT 1

DECC LIST OF ABORIGINAL STAKEHOLDER GROUPS WITHIN THE COBBORA - AREA THAT MAY HAVE AN INTEREST IN THE PROJECT; PROVIDED AS PER THE 'INTERIM COMMUNITY CONSULTATION REQUIREMENTS FOR APPLICANTS'.

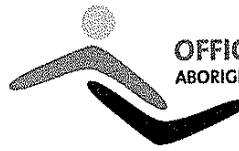
Name/Title	Organisation/Affiliation	Address
Brian Grant	Dhuuluu- Yala Aboriginal Corporation	14 Duramana Rd, Eglinton NSW 2795
Julian Bower	Mingaan Aboriginal Corporation	7 Miriyan Drive, Kelso NSW 2795
Bill Allen		75 Cory Place, Windradyne, NSW 2795
Chairperson	Dubbo Local Aboriginal Land Council	PO Box 1565 DUBBO NSW 2830
Chairperson	Mudgee Local Aboriginal Land Council	PO Box 1098 Mudgee NSW 2850
Neville Williams	Mooka Traditional Owners Council	PO Box 70 Cowra NSW 2794
Wendy Lewis	Warrabinga Native Title Claimants Aboriginal Corporation	535 Pheasants Nests Rd, Pheasants Nests NSW 2574
Robert Clegg	Wiradjuri Council of Elders Cultural Heritage Committee	3 Loretta Pl Glendenning NSW, 2761
Lyn Syme	North-East Wiraduri	C/- PO Box 1098 MUDGEE NSW 2850
Bill Allen	North-East Wiraduri	75 Cory Place, Windradyne, NSW 2795
Chairperson	Aboriginal Reference Group Central West Management Authority	PO Box 227 Wellington NSW 2820
Chairperson	Wiradjuri Traditional Owners Central West Aboriginal Corporation	14 Duramana Rd, Eglinton NSW 2795
ElliLewis	Patrica Jean Hands	20 Acacia Circuit Singleton NSW
Chairperson	Murong Gialinga Aboriginal & Torres Strait Islander Corporation	PO Box 1097, Mudgee, NSW 2850

The Department of Environment and Climate Change is now known as
The Department of Environment Climate Change and Water

Chairperson	Gallanggabang Aboriginal Corporation	Po Box 463 , Wellington NSW 2820
Jean Thornton		6 Winbourne Street, Mudgee NSW 2850
Darlina Verrills		6 Robertson Rd, Mudgee NSW 2850
Larry Foley		9 Inglis Street Mudgee
Mark Foley		9 Inglis Street Mudgee
Deborah Foley		9 Inglis Street Mudgee

The Department of Environment and Climate Change is now known as
The Department of Environment Climate Change and Water

PO Box 2111, Dubbo NSW 2830
48-52 Wingewarra St Dubbo NSW
Tel: (02) 6883 5330 Fax: (02) 6884 9382
www.environment.nsw.gov.au



OFFICE OF THE REGISTRAR
ABORIGINAL LAND RIGHTS ACT 1983 (NSW)

11-13 Mansfield Street
Glebe NSW 2037
PO Box 112, Glebe NSW 2037
P. 02 9562 6327 F. 02 9562 6350

Ms Melissa Karam
Environmental Resources Management,
Australia Pty Ltd
Locked Bag 24
Broadway NSW 2007

25 September 2009

Dear Ms Karam

Re: Request - Search for Registered Aboriginal Owners

I refer to your fax dated 22 September 2009 regarding an Aboriginal Heritage assessment in the Cobbora area.

I have searched the Register of Aboriginal Owners and the subject land does not appear to have Registered Aboriginal Owners pursuant to Division 3 of the *Aboriginal Land Rights Act 1983*.

You should contact the Dubbo Local Aboriginal Land Council. The land council may be able to assist you with information and contact details for other interested groups.

Kind Regards

Courtney Field

Assistant Research Officer

Office of the Registrar, *Aboriginal Land Rights Act 1983*

09 September 2009

Agency address

Our Reference: 0103492L01_MK to DECCW.doc

Attention: Agency

Dear Agency



RE: ABORIGINAL HERITAGE ASSESSMENT – COBBORA

In accordance with the Department of Environment and Climate Change Interim Community Consultation Requirements, Environmental Resources Management Australia Pty Ltd (ERM) wishes to inform you that that we are undertaking an Aboriginal heritage assessment for an area near Cobbora (as shown on the attached figure). The study is being undertaken on behalf of Cobbora Unincorporated Joint Venture.

We would be grateful if you could indicate within ten working days whether your organisation is interested in being consulted regarding this project. In addition could you please supply us with a list of all known Aboriginal groups or individuals who would be interested in being consulted on this project. If you have any specific information concerning the cultural values of the study area, it would be much appreciated if you could let us know.

Please forward all correspondence or queries concerning the project to Tim Owen via email (tim.owen@erm.com) or the contact details provided at the top right hand side of this letter.

Many thanks,

Melissa Karam
Environmental Consultant



CLASSIFIEDS

Ph: 02 6372 1455
Fx: 02 6372 4127

DEATH NOTICES

McELIGOTT - Max. On Sunday, September 20, 2009. Peacefully at Cobar and formerly of Mudgee. Dearly beloved husband of Jill (dec). Loved father of Sandra, Darryl and Amanda. Father-in-law of Justin Van Der Straaten. Loved Poppy of Allanah and Kyan. Much loved by the Murkins Family.

Aged 80 years

The relatives and friends of Mr Max McElligott are invited to attend his Funeral Service to be held in St. John the Baptist Anglican Church, Mudgee on Thursday, September 24, 2009, commencing at 2.00pm.

At the conclusion of the Service the cortege will proceed to the Mudgee General Cemetery for interment.

All Bowling Club members are especially invited to attend.

EASTAUGH & CARROLL

Funeral Directors Since 1895
John Hopkins and Peter Hannigan
Cnr. Horatio and Lawson Streets, Mudgee
6372 2384 - 24 Hours

IN MEMORIAM

RAYNER: Roland Bruce 23.9.2006

Three years have passed
Since you left us,
But your memory lives on
in our hearts and minds.

Dearly missed, Kevin, Michelle & Ian.

PUBLIC NOTICES

HAVING TROUBLE FINANCING?

Debt Consolidate, Cash Out, Refinance,
Working Capital, or Purchase?
Specialist in bank said no, hard to do
loans. Commercial & rural financing O.K.
Call 24/7. Same day approval possible.
Conditions Apply
TAP Ask for Michael 1800-462-747.

CURTAINS & BLINDS

FREE Measure & Quote*

Material World will have a representative
in Rylstone & Kandos on Wednesday
30 September. Please phone 6372 2914
to arrange your FREE* Quote.

Material World is also your local Luxaflex agent.



Mortimer Centre
Mudgee

6372 2914

*conditions apply
www.materialworld.com.au

KENNEDY REUNION

Descendants of Patrick Kennedy and Ellen Kennedy (Delaney) Ireland. Daniel Kennedy Snr and Sarah Kennedy (McGuire) Ponto, Wellington, NSW, will be held Saturday November 7th, 2009, Wellington, NSW.

Further information contact:
Marian Pearson-(02)6884-7759.

CENTRAL NORTH LIVESTOCK HEALTH AND PEST AUTHORITY

The next meeting of the Central North Livestock Health and Pest Authority will be held at 112 Market Street Mudgee on Tuesday 29th September 2009, commencing at 10:00am.

Enquiries please phone (02)6766-5899 or (02)6372-1866.

LET'S PARTY!

JUMPING CASTLE HIRE \$100
Jean 6374-0246, Jac 6372-0162

CLARKSON'S CLEARANCES Oporto Road Southside are still here. We have NOT closed down. Stock includes material, patchwork, Xmas lights, water pumps, shade-cloth, books, garden pots. Lots of other bits/pieces. Open Mon to Fri 9am to 5pm. Sat 9am - 2pm

PUBLIC NOTICES

COUNTRY ROAST CATERING MUDGEE

Tantalising selection of different menus to suit your needs. 21st Birthday Parties, Xmas Parties, Engagements, Weddings, Social Clubs, Trade Shows, etc. Helping you to enjoy the company of friends and family.

Open every Sunday at Mudgee Small Winemakers Centre for spit roast lunch. (Bookings essential). Phone Small Winemakers Centre on (02)63722133.

Phone (02)63724395, 0434-227-090

DR KENNY AT CREATIVE BEAUTE

TUESDAY 27th OCTOBER
Cosmetic Procedures: Cofllagen Restlane, Botox injections, leg vein injections and laser. Cosmetic Tattooing Mon 23rd November.

Phone 6372-3585 for appointment.
www.creativebeaute.com



THE SCOTS SCHOOL BATHURST AND LITHGOW

Are holding a gathering for families of the past, present and future in Rylstone on Thursday 24th of September from 7pm. Meet the School's Headmaster, Deputy Head, Director of School and Enrolments Officer.

For more information and to RSVP, please contact Megan at the School on 6331 2766.

FUNKY BEACH HOUSE

Diamond Beach

Sleeps-6. Disabled access. Great rates.
Ph:6372-1874(ah)



Mudgee Rugby 2009 Gala Ball

The Black-Tie event of the year
Saturday 26th September

Prince Hill Wines

Entertainment The Sizzle Sisters
Guest Speaker Matt Dunning

Tickets \$60

Includes dinner, canapes on arrival, bus pickup from the Oriental Hotel at 5.30pm.

Charity Auction held on the night, proceeds to Mudgee Men's Shed.

Strictly limited tickets only available from Byrnes Jewellers 75 Market Street, Mudgee.

LIVE BAND

"Renny Field"

at the
ORIENTAL HOTEL

This Saturday Night from 8.30pm.

MUDGEE MOTORFEST WINNERS

Congratulations to the following winners who will each receive 1 double 1-day pass to Motorfest:

• John Campbell • Trevor Heslin
• Ray Burrows • Timothy Clayton
• Michelle Mitchell

Tickets can be collected from the Mudgee Guardian Office 9 Perry Street Mudgee.

P.A.L.'s CARD PARTY

At MUDGEE BOWLING CLUB
25.09.09 commence 1.30pm
Cost \$5.00 Afternoon tea provided.
ALL WELCOME

PUBLIC NOTICES

MUDGEE TENNIS CLUB

Men's Competition Begins

Wednesday 21st October

Duration 8 weeks. New format, 3 tie break sets. Same partner for 8 weeks.
Ladies Competition begins 19th, 20th October. Same format as Men's.
Phone Carolyn 6372-1915, Ron 6373-3574, John 0411-324-601.

ALL RUGBY SUPPORTERS, PLAYERS.

Public Meeting
Mudgee Rugby Club

6.30pm Tuesday
29th September.



RAILWAY STATION MARKET

Saturday 26th September.

8.30am-1pm.

Alpaca mini expo. "Relay For Life. Fresh fruit, vegetables, Gelato. Good music. Great local crafts. Donation to Child Flight. Bookings phone (02)6373-6320. All welcome!

REQUEST FOR REGISTRATION OF LOCAL ABORIGINAL STAKEHOLDERS

ERM request registration from relevant local Aboriginal stakeholders for the Cobbora area in relation to an Aboriginal heritage assessment and all consequential approvals required under Part 3A of the Environmental Planning and Assessment Act 1979. Interested parties should send their expression of interest in being consulted to:

ERM

Locked Bag 24,
Broadway, NSW 2007

Quoting "The Cobbora Mine Project".

SOFTBALL

Mudgee and District Softball competition starts Saturday 24th October 2009.

Benny Ball, T-Ball, Mod Ball, Youth Ball right through to the adult games there is something for everyone regardless of ability.

School T-Ball teams welcome
Individual and team registration for adult games welcome

Registrations days as follows:
West end sporting complex
Saturday 19/09/09 and 26/09/09

Or anytime at

Shimmer Jewellery
Shop 4 Big W Complex

Expressions of interest for coaching positions contact Owen on 63723122 or email stainlesssystems@exemail.com.au



Mathematics • Reading
Spelling • English
Year 1 to Year 12

- ✓ FREE Assessments
- ✓ Individual Programming
- ✓ Qualified Teachers
- ✓ Computer Programs

CALL Judy for more details on

6372 6164

WEDDINGS, PARTIES & FUNERALS

Short or long term accommodation.

Colonial Court Villas

Fully serviced apartments.

Ph:0427-722-631.

www.colonialcourtvillas.com.au

PUBLIC NOTICES

SWIMMING LESSONS

Bookings taken now

School age-Pre School-Squad
Mum's and Bub's and Adults
Water aerobics and exercise classes
Programs conducted by qualified
Swim Australia instructors

MUDGEE INDOOR SWIMMING CENTRE
87 Short St Mudgee 63722138

LOST AND FOUND

LOST - near Perversion Lane Gulugong, Alexandrine Parrot (green with red beak). Ring number SJBTk3. Please phone Dan 0409-637-819 or 6374-2726

WANTED TO BUY

STILL BUYING OLD TOOLS

Contents of old sheds, trash and treasure. Quotes given. Phone 6372 7785.

GARAGE SALES

SPRING CLEAN SURPLUS STUFF SALE.
Presbyterian Church grounds,
Mortimer Street, 9am start.
Donated good appreciated.

FOR SALE

2004 HOLDEN RODEO with canopy and accessories. Gold colour \$30,000ono. Rego Feb-2010 AG22KU. 0429-137-890.

BLIND, AWNING & SHUTTER SPECIALISTS

Phone Peter Reid,
Mudgee Home Decor

For a free measure & quote. 6372-3477.

LEATHER LOUNGE SUITE 3-seater, 2-chairs \$500. Tall 2-glass doors display cupboard \$200ono. 2 4-drawer chests \$40each ono. 6372-2505.

MOBILITY SCOOTER (Gofer). Sterling Diamond \$2,900. Black with 13-inch wheels. Top model. Can carry up to 150kg. Not needed, owner moved to Newcastle. Bought at Rozannas Mudgee late June for \$3,600. As-new, 1-2hours use. All receipts and 2-year warranty. Ph:0424-596-138.

ONE 2000LTR. FUEL TANK on stand \$550. One 1000ltr fuel tank on stand \$350. 1800ltr D-Mount tank 1x\$750, 1x\$600. One SR5 Toyota back with canopy \$600. One sheep feeder \$150. One 3PL grader \$300. One army trailer \$500. One old fashion barber chair \$500. Old wheels from \$30. Sandstone blocks cut to size. Sleepers, various grades \$15. Contact John 0428-225-900.

PICTON BROS will be in Mudgee area next week to estimate and quote on sunrooms, wallcladding, patios, screen enclosures, carports as seen on TV in kit form or supplied and erected Ph:6372-6996. Lic No:BL83737C

SLASHER 4"6" Jarrett Aust gearbox. Some rust on deck. Runs perfectly. \$700. Ph:6374-1348

MOTOR VEHICLES

WANTED - STEEL TRAY

To fit truck
Phone 0423-685-979

MOTOR BIKES

04 YAMAHA FZS1000 RI style sports /tourer. Ex-condition, only 16,233km. Lots of new-spares. Rego-18.4.2010. \$9,500ono. 6372-9298

BOATS & MARINE

12FT ALUMINIUM BOAT

Anchor, oars, life jackets \$600ono.
Phone 6372-2505.

PETS

JACK RUSSELL PUPPIES

Seven weeks. \$100 each.
Ph:6373-2247

Appendix B

EMM field transect data

Transect	Date	Method	Landform	Length (m)	Width (m)	Area (m²)	Visibility	Exposure	Visible area (m²)	Area available for detection (m²)	Effective coverage
T1	31-Oct-11	Pedestrian exploratory	Watercourse	2,000	50	100,000	100%	50%	100,000	50,000	50%
T2	31-Oct-11	Pedestrian exploratory	Rocky slope	1,500	50	75,000	40%	10%	30,000	3,000	4%
T3	31-Oct-11	Pedestrian exploratory	Ridge top	1,600	50	80,000	50%	10%	40,000	4,000	5%
T4	01-Nov-11	Pedestrian exploratory	Rocky slope	4,300	50	215,000	40%	10%	86,000	8,600	4%
T5	01-Nov-11	Pedestrian exploratory	Ridge top	2,500	50	125,000	60%	10%	75,000	7,500	6%
T6	02-Nov-11	Pedestrian exploratory	Watercourse	3,000	50	150,000	30%	10%	45,000	4,500	3%
T7	02-Nov-11	Pedestrian exploratory	Valley floor	500	50	25,000	70%	20%	17,500	3,500	14%
T8	02-Nov-11	Pedestrian exploratory	Ridge top	1,200	50	60,000	60%	30%	36,000	10,800	18%
T9	02-Nov-11	Pedestrian exploratory	Valley floor	870	50	43,500	10%	10%	4,350	435	1%
T10	03-Nov-11	Pedestrian exploratory	Rocky slope	2,600	50	130,000	30%	10%	39,000	3,900	3%
T11	03-Nov-11	Pedestrian exploratory	Ridge top	800	50	40,000	50%	10%	20,000	2,000	5%
T12	03-Nov-11	Pedestrian targetted	Watercourse	2,200	50	110,000	50%	20%	55,000	11,000	10%
T13	04-Nov-11	Pedestrian targetted	Valley floor	240	50	12,000	100%	40%	12,000	4,800	40%
T14	04-Nov-11	Pedestrian exploratory	Rocky slope	840	50	42,000	20%	10%	8,400	840	2%
T15	04-Nov-11	Pedestrian exploratory	Valley floor	1,020	50	51,000	100%	70%	51,000	35,700	70%
T16	04-Nov-11	Pedestrian targetted	Ridge top	360	50	18,000	40%	20%	7,200	1,440	8%
T17	04-Nov-11	Pedestrian targetted	Valley floor	390	50	19,500	100%	50%	19,500	9,750	50%
T18	04-Nov-11	Pedestrian targetted	Valley floor	300	50	15,000	100%	60%	15,000	9,000	60%
T19	07-Nov-11	Pedestrian targetted	Rocky slope	350	50	17,500	10%	10%	1,750	175	1%
T20	07-Nov-11	Pedestrian targetted	Valley floor	190	10	1,900	100%	90%	1,900	1,710	90%
T21	07-Nov-11	Pedestrian exploratory	Valley floor	880	50	44,000	20%	10%	8,800	880	2%
T22	07-Nov-11	Pedestrian exploratory	Watercourse	960	50	48,000	40%	30%	19,200	5,760	12%
T23	08-Nov-11	Pedestrian exploratory	Watercourse	1,200	50	60,000	40%	20%	24,000	4,800	8%
T24	08-Nov-11	Pedestrian exploratory	Valley floor	1,000	100	100,000	30%	80%	30,000	24,000	24%
T25	09-Nov-11	Pedestrian exploratory	Valley floor	3,260	50	163,000	100%	40%	163,000	65,200	40%
T26	09-Nov-11	Pedestrian exploratory	Rocky slope	560	50	28,000	30%	10%	8,400	840	3%
T27	09-Nov-11	Pedestrian exploratory	Watercourse	600	50	30,000	10%	10%	3,000	300	1%
T28	09-Nov-11	Pedestrian targetted	Valley floor	1,260	50	63,000	50%	20%	31,500	6,300	10%
T29	09-Nov-11	Pedestrian targetted	Watercourse	1,100	50	55,000	80%	40%	44,000	17,600	32%
T30	09-Nov-11	Pedestrian exploratory	Valley floor	470	50	23,500	100%	60%	23,500	14,100	60%
T31	09-Nov-11	Pedestrian exploratory	Valley floor	200	100	20,000	70%	30%	14,000	4,200	21%
T32	10-Nov-11	Pedestrian targetted	Watercourse	410	20	8,200	10%	10%	820	82	1%
T33	10-Nov-11	Pedestrian targetted	Watercourse	1,650	10	16,500	10%	10%	1,650	165	1%
T34	11-Nov-11	Pedestrian targetted	Valley floor	1,400	50	70,000	90%	40%	63,000	25,200	36%
T35	02-Nov-11	Pedestrian targetted	Watercourse	3,200	50	160,000	60%	20%	96,000	19,200	12%

Transect	Date	Method	Landform	Length (m)	Width (m)	Area (m²)	Visibility	Exposure	Visible area (m²)	Area available for detection (m²)	Effective coverage
T36	21-Feb-12	Pedestrian exploratory	Watercourse	1,860	50	93,000	90%	20%	83,700	16,740	18%
T37	21-Feb-12	Pedestrian exploratory	Watercourse	1,060	50	53,000	10%	10%	5,300	530	1%
T38	21-Feb-12	Pedestrian exploratory	Valley floor	1,730	100	173,000	20%	20%	34,600	6,920	4%
T39	21-Feb-12	Pedestrian exploratory	Valley floor	330	50	16,500	10%	10%	1,650	165	1%
T40	21-Feb-12	Pedestrian exploratory	Watercourse	540	50	27,000	10%	10%	2,700	270	1%
T41	21-Feb-12	Pedestrian exploratory	Valley floor	510	50	25,500	10%	10%	2,550	255	1%
T42	22-Feb-12	Pedestrian exploratory	Watercourse	4,750	50	237,500	50%	50%	118,750	59,375	25%
T43	22-Feb-12	Pedestrian exploratory	Watercourse	4,140	50	207,000	50%	50%	103,500	51,750	25%
ERM1	Late 2009	Pedestrian exploratory	Slope	246	100	24579	70%	50%	17,205	8,603	35%
ERM2	Late 2009	Pedestrian exploratory	Watercourse	640	100	64030	70%	50%	44,821	22,410	35%
ERM3	Late 2009	Pedestrian exploratory	Slope	115	100	11511	70%	50%	8,058	4,029	35%
ERM4	Late 2009	Pedestrian exploratory	Ridge top	53	100	5275	50%	10%	2,637	264	5%
ERM5	Late 2009	Pedestrian exploratory	Slope	501	100	50110	70%	50%	35,077	17,539	35%
ERM6	Late 2009	Pedestrian exploratory	Watercourse	131	100	13092	100%	100%	13,092	13,092	100%
ERM7	Late 2009	Pedestrian exploratory	Open depression	56	100	5580	90%	100%	5,022	5,022	90%
ERM8	Late 2009	Pedestrian exploratory	Watercourse	326	100	32619	50%	50%	16,309	8,155	25%
ERM9	Late 2009	Pedestrian exploratory	Lower slope	347	100	34684	30%	25%	10,405	2,601	8%
ERM10	Late 2009	Pedestrian exploratory	Mid slope	503	100	50317	50%	50%	25,159	12,579	25%
ERM11	Late 2009	Pedestrian exploratory	Mid slope	375	100	37518	50%	50%	18,759	9,379	25%
ERM12	Late 2009	Pedestrian exploratory	Upper slope	463	100	46286	20%	10%	9,257	926	2%
ERM13	Late 2009	Pedestrian exploratory	Ridge top	121	100	12088	20%	20%	2,418	484	4%
ERM14	Late 2009	Pedestrian exploratory	Upper slope	158	100	15821	25%	25%	3,955	989	6%
ERM15	Late 2009	Pedestrian exploratory	Lower slope	687	100	68702	40%	50%	27,481	13,740	20%
ERM16	Late 2009	Pedestrian exploratory	Open depression	116	100	11555	10%	90%	1,155	1,040	9%
ERM17	Late 2009	Pedestrian exploratory	Mid slope	192	100	19150	10%	90%	1,915	1,724	9%
ERM18	Late 2009	Pedestrian exploratory	Ridge top	151	100	15119	30%	75%	4,536	3,402	23%
ERM19	Late 2009	Pedestrian exploratory	Mid slope	243	100	24305	50%	75%	12,152	9,114	38%
ERM20	Late 2009	Pedestrian exploratory	Lower slope	406	100	40571	50%	75%	20,286	15,214	38%
ERM21	Late 2009	Pedestrian exploratory	Slope	550	100	54975	20%	75%	10,995	8,246	15%
ERM22	Late 2009	Pedestrian exploratory	Flat	217	100	21737	20%	75%	4,347	3,261	15%
ERM23	Late 2009	Pedestrian exploratory	Open depression	148	100	14822	20%	75%	2,964	2,223	15%
ERM24	Late 2009	Pedestrian exploratory	Flat	164	100	16419	20%	75%	3,284	2,463	15%
ERM25	Late 2009	Pedestrian exploratory	Slope	560	100	56009	20%	75%	11,202	8,401	15%
ERM26	Late 2009	Pedestrian exploratory	Mid slope	278	100	27843	60%	90%	16,706	15,035	54%
ERM27	Late 2009	Pedestrian exploratory	Upper slope	345	100	34510	60%	90%	20,706	18,635	54%

Transect	Date	Method	Landform	Length (m)	Width (m)	Area (m²)	Visibility	Exposure	Visible area (m²)	Area available for detection (m²)	Effective coverage
ERM28	Late 2009	Pedestrian exploratory	Gully	47	100	4672	80%	40%	3,738	1,495	32%
ERM29	Late 2009	Pedestrian exploratory	Upper slope	117	100	11695	80%	40%	9,356	3,743	32%
ERM30	Late 2009	Pedestrian exploratory	Gully	40	100	4034	50%	20%	2,017	403	10%
ERM31	Late 2009	Pedestrian exploratory	Ridge top	33	100	3270	70%	20%	2,289	458	14%
ERM32	Late 2009	Pedestrian exploratory	Mid slope	159	100	15864	50%	20%	7,932	1,586	10%
ERM33	Late 2009	Pedestrian exploratory	Flat	373	100	37279	60%	30%	22,368	6,710	18%
ERM34	Late 2009	Pedestrian exploratory	Mid slope	124	100	12363	50%	20%	6,181	1,236	10%
ERM35	Late 2009	Pedestrian exploratory	Flat	194	100	19417	10%	10%	1,942	194	1%
ERM36	Late 2009	Pedestrian exploratory	Lower slope	72	100	7204	10%	10%	720	72	1%
ERM37	Late 2009	Pedestrian exploratory	Flat	967	100	96689	40%	20%	38,676	7,735	8%
ERM38	Late 2009	Pedestrian exploratory	Lower slope	236	100	23553	80%	100%	18,842	18,842	80%
ERM39	Late 2009	Pedestrian exploratory	Upper slope	198	100	19818	80%	100%	15,854	15,854	80%
ERM40	Late 2009	Pedestrian exploratory	Ridge top	238	100	23775	20%	20%	4,755	951	4%
ERM41	Late 2009	Pedestrian exploratory	Lower slope	355	100	35451	40%	20%	14,180	2,836	8%
ERM42	Late 2009	Pedestrian exploratory	Flat	990	100	98953	10%	10%	9,895	990	1%
ERM43	Late 2009	Pedestrian exploratory	Slope	497	100	49717	40%	70%	19,887	13,921	28%
ERM44	Late 2009	Pedestrian exploratory	Mid slope	246	100	24561	50%	20%	12,281	2,456	10%
ERM45	Late 2009	Pedestrian exploratory	Upper slope	21	100	2111	90%	100%	1,899	1,899	90%
ERM46	Late 2009	Pedestrian exploratory	Upper slope	77	100	7727	100%	100%	7,727	7,727	100%
ERM47	Late 2009	Pedestrian exploratory	Mid slope	73	100	7331	75%	25%	5,498	1,375	19%
ERM48	Late 2009	Pedestrian exploratory	Lower slope	245	100	24466	40%	75%	9,786	7,340	30%
ERM49	Late 2009	Pedestrian exploratory	Lower slope	301	100	30103	90%	100%	27,093	27,093	90%
ERM50	Late 2009	Pedestrian exploratory	Lower slope	178	100	17832	100%	100%	17,832	17,832	100%
ERM51	Late 2009	Pedestrian exploratory	Slope	76	100	7607	50%	50%	3,803	1,902	25%
ERM52	Late 2009	Pedestrian exploratory	Ridge top	246	100	24643	20%	10%	4,929	493	2%
ERM53	Late 2009	Pedestrian exploratory	Slope	184	100	18399	40%	25%	7,360	1,840	10%
ERM54	Late 2009	Pedestrian exploratory	Lower slope	693	100	69309	100%	100%	69,309	69,309	100%
ERM55	Late 2009	Pedestrian exploratory	Flat	275	100	27509	75%	100%	20,631	20,631	75%
ERM56	Late 2009	Pedestrian exploratory	Flat	251	100	25064	80%	100%	20,051	20,051	80%
ERM57	Late 2009	Pedestrian exploratory	Watercourse	630	100	62983	100%	100%	62,983	62,983	100%
ERM58	Late 2009	Pedestrian exploratory	Lower slope	402	100	40156	100%	100%	40,156	40,156	100%
ERM59	Late 2009	Pedestrian exploratory	Watercourse	226	100	22558	0%	0%	-	-	0%
ERM60	Late 2009	Pedestrian exploratory	Watercourse	1676	100	167566	20%	100%	33,513	33,513	20%
ERM61	Late 2009	Pedestrian exploratory	Watercourse	2972	100	297190	20%	100%	59,438	59,438	20%
ERM62	Late 2009	Pedestrian exploratory	Watercourse	285	100	28487	100%	100%	28,487	28,487	100%

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ERM63	Late 2009	Pedestrian exploratory	Watercourse	983	100	98318	20%	100%	19,664	19,664	20%
ERM64	Late 2009	Pedestrian exploratory	Flat	1090	100	109039	20%	80%	21,808	17,446	16%
ERM65	Late 2009	Pedestrian exploratory	Lower slope	271	100	27111	20%	80%	5,422	4,338	16%
ERM66	Late 2009	Pedestrian exploratory	Mid slope	139	100	13905	20%	80%	2,781	2,225	16%
ERM67	Late 2009	Pedestrian exploratory	Ridge top	621	100	62095	80%	90%	49,676	44,709	72%
ERM68	Late 2009	Pedestrian exploratory	Mid slope	583	100	58332	80%	100%	46,666	46,666	80%
ERM69	Late 2009	Pedestrian exploratory	Ridge top	760	100	76025	80%	40%	60,820	24,328	32%
ERM70	Late 2009	Pedestrian exploratory	Flat	2293	100	229316	10%	10%	22,932	2,293	1%
ERM71	Late 2009	Pedestrian exploratory	Modified	18	100	1848	50%	50%	924	462	25%
ERM72	Late 2009	Pedestrian exploratory	Flat	470	100	47027	20%	90%	9,405	8,465	18%
ERM73	Late 2009	Pedestrian exploratory	Open depression	259	100	25924	50%	90%	12,962	11,666	45%
ERM74	Late 2009	Pedestrian exploratory	Watercourse	1236	100	123583	80%	100%	98,866	98,866	80%
ERM75	Late 2009	Pedestrian exploratory	Watercourse	1224	100	122351	80%	100%	97,881	97,881	80%
ERM76	Late 2009	Pedestrian exploratory	Watercourse	3872	100	387207	20%	100%	77,441	77,441	20%
ERM77	Late 2009	Pedestrian exploratory	Watercourse	3850	100	385038	20%	100%	77,008	77,008	20%
ERM78	Late 2009	Pedestrian exploratory	Lower slope	209	100	20932	50%	100%	10,466	10,466	50%
ERM79	Late 2009	Pedestrian exploratory	Modified	2847	100	284659	50%	50%	142,330	71,165	25%
ERM80	Late 2009	Pedestrian exploratory	Watercourse	1167	100	116717	20%	100%	23,343	23,343	20%
ERM81	Late 2009	Pedestrian exploratory	Watercourse	1184	100	118386	70%	100%	82,871	82,871	70%
ERM82	Late 2009	Pedestrian exploratory	Watercourse	701	100	70150	20%	100%	14,030	14,030	20%
ERM83	Late 2009	Pedestrian exploratory	Watercourse	712	100	71202	20%	100%	14,240	14,240	20%
ERM84	Late 2009	Pedestrian exploratory	Watercourse	4248	100	424813	20%	100%	84,963	84,963	20%
ERM85	Late 2009	Pedestrian exploratory	Watercourse	454	100	45371	20%	100%	9,074	9,074	20%
ERM86	Late 2009	Pedestrian exploratory	Watercourse	3778	100	377751	20%	100%	75,550	75,550	20%
ERM87	Late 2009	Pedestrian exploratory	Lower slope	121	100	12090	10%	40%	1,209	484	4%
ERM88	Late 2009	Pedestrian exploratory	Mid slope	130	100	13029	90%	100%	11,726	11,726	90%
ERM89	Late 2009	Pedestrian exploratory	Ridge top	140	100	14048	90%	100%	12,643	12,643	90%
ERM90	Late 2009	Pedestrian exploratory	Mid slope	117	100	11663	90%	100%	10,497	10,497	90%
ERM91	Late 2009	Pedestrian exploratory	Lower slope	213	100	21307	100%	100%	21,307	21,307	100%
ERM92	Late 2009	Pedestrian exploratory	Watercourse	1730	100	172984	20%	100%	34,597	34,597	20%
ERM93	Late 2009	Pedestrian exploratory	Watercourse	1302	100	130153	20%	100%	26,031	26,031	20%
ERM94	Late 2009	Pedestrian exploratory	Watercourse	630	100	63000	20%	100%	12,600	12,600	20%
ERM95	Late 2009	Pedestrian exploratory	Gully	581	100	58105	60%	80%	34,863	27,890	48%
ERM96	Late 2009	Pedestrian exploratory	Mid slope	496	100	49584	40%	80%	19,834	15,867	32%
ERM97	Late 2009	Pedestrian exploratory	Ridge top	786	100	78597	90%	100%	70,737	70,737	90%

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ERM98	Late 2009	Pedestrian exploratory	Mid slope	696	100	69650	50%	80%	34,825	27,860	40%
ERM99	Late 2009	Pedestrian exploratory	Mid slope	390	100	38989	50%	80%	19,494	15,596	40%
ERM100	Late 2009	Pedestrian exploratory	Upper slope	728	100	72756	50%	50%	36,378	18,189	25%
ERM101	Late 2009	Pedestrian exploratory	Lower slope	772	100	77180	50%	50%	38,590	19,295	25%
ERM102	Late 2009	Pedestrian exploratory	Ridge top	1297	100	129695	80%	90%	103,756	93,381	72%
ERM103	Late 2009	Pedestrian exploratory	Lower slope	132	100	13224	30%	70%	3,967	2,777	21%
ERM104	Late 2009	Pedestrian exploratory	Watercourse	4023	100	402300	20%	100%	80,460	80,460	20%
ERM105	Late 2009	Pedestrian exploratory	Watercourse	4065	100	406500	20%	100%	81,300	81,300	20%
ERM106	Late 2009	Pedestrian exploratory	Lower slope	2025	100	202500	90%	100%	182,250	182,250	90%
ERM107	Late 2009	Pedestrian exploratory	Watercourse	1866	100	186558	100%	100%	186,558	186,558	100%
ERM108	Late 2009	Pedestrian exploratory	Gully	203	100	20292	50%	100%	10,146	10,146	50%
ERM109	Late 2009	Pedestrian exploratory	Watercourse	2377	100	237671	20%	100%	47,534	47,534	20%
ERM110	Late 2009	Pedestrian exploratory	Watercourse	2365	100	236541	20%	100%	47,308	47,308	20%
ERM111	Late 2009	Pedestrian exploratory	Open depression	2362	100	236191	100%	100%	236,191	236,191	100%
ERM112	Late 2009	Pedestrian exploratory	Lower slope	297	100	29695	30%	80%	8,908	7,127	24%
ERM113	Late 2009	Pedestrian exploratory	Mid slope	97	100	9739	90%	90%	8,765	7,888	81%
ERM114	Late 2009	Pedestrian exploratory	Ridge top	110	100	10953	50%	50%	5,477	2,738	25%
ERM115	Late 2009	Pedestrian exploratory	Lower slope	3108	100	310822	20%	80%	62,164	49,731	16%
ERM116	Late 2009	Pedestrian exploratory	Lower slope	506	100	50555	20%	80%	10,111	8,089	16%
ERM117	Late 2009	Pedestrian exploratory	Watercourse	808	100	80815	20%	100%	16,163	16,163	20%
ERM118	Late 2009	Pedestrian exploratory	Open depression	824	100	82413	100%	100%	82,413	82,413	100%
ERM119	Late 2009	Pedestrian exploratory	Watercourse	837	100	83707	20%	100%	16,741	16,741	20%
ERM120	Late 2009	Pedestrian exploratory	Ridge top	925	100	92456	50%	70%	46,228	32,359	35%
ERM121	Late 2009	Pedestrian exploratory	Lower slope	1254	100	125422	90%	100%	112,880	112,880	90%
ERM122	Late 2009	Pedestrian exploratory	Lower slope	1128	100	112755	20%	80%	22,551	18,041	16%
ERM123	Late 2009	Pedestrian exploratory	Watercourse	1251	100	125140	20%	100%	25,028	25,028	20%
ERM124	Late 2009	Pedestrian exploratory	Watercourse	3212	100	321213	20%	100%	64,243	64,243	20%
ERM125	Late 2009	Pedestrian exploratory	Watercourse	3133	100	313325	20%	100%	62,665	62,665	20%
ERM126	Late 2009	Pedestrian exploratory	Flat	200	100	19959	10%	10%	1,996	200	1%
ERM127	Late 2009	Pedestrian exploratory	Mid slope	155	100	15518	50%	100%	7,759	7,759	50%
ERM128	Late 2009	Pedestrian exploratory	Ridge top	57	100	5698	50%	100%	2,849	2,849	50%
ERM129	Late 2009	Pedestrian exploratory	Mid slope	450	100	44975	20%	40%	8,995	3,598	8%
ERM130	Late 2009	Pedestrian exploratory	Lower slope	3040	100	303968	50%	80%	151,984	121,587	40%
ERM131	Late 2009	Pedestrian exploratory	Mid slope	51	100	5105	50%	80%	2,553	2,042	40%
ERM132	Late 2009	Pedestrian exploratory	Open depression	45	100	4543	50%	50%	2,271	1,136	25%

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ERM133	Late 2009	Pedestrian exploratory	Ridge top	127	100	12747	50%	50%	6,374	3,187	25%
ERM134	Late 2009	Pedestrian exploratory	Open depression	721	100	72076	80%	90%	57,661	51,895	72%
ERM135	Late 2009	Pedestrian exploratory	Mid slope	375	100	37515	30%	70%	11,255	7,878	21%
ERM136	Late 2009	Pedestrian exploratory	Ridge top	536	100	53553	80%	100%	42,842	42,842	80%
ERM137	Late 2009	Pedestrian exploratory	Mid slope	200	100	20030	90%	75%	18,027	13,520	68%
ERM138	Late 2009	Pedestrian exploratory	Lower slope	1302	100	130155	40%	50%	52,062	26,031	20%
ERM139	Late 2009	Pedestrian exploratory	Mid slope	1570	100	157000	20%	90%	31,400	28,260	18%
ERM140	Late 2009	Pedestrian exploratory	Ridge top	42	100	4152	30%	90%	1,245	1,121	27%
ERM141	Late 2009	Pedestrian exploratory	Mid slope	934	100	93401	10%	100%	9,340	9,340	10%
ERM142	Late 2009	Pedestrian exploratory	Lower slope	2212	100	221156	20%	80%	44,231	35,385	16%
ERM143	Late 2009	Pedestrian exploratory	Mid slope	762	100	76243	20%	20%	15,249	3,050	4%
ERM144	Late 2009	Pedestrian exploratory	Gully	302	100	30173	10%	10%	3,017	302	1%
ERM145	Late 2009	Pedestrian exploratory	Upper slope	85	50	4228	80%	90%	3,383	3,045	72%
ERM146	Late 2009	Pedestrian exploratory	Gully	181	50	9066	90%	90%	8,159	7,343	81%
ERM147	Late 2009	Pedestrian exploratory	Upper slope	128	50	6386	90%	90%	5,748	5,173	81%
ERM148	Late 2009	Pedestrian exploratory	Gully	160	50	7981	90%	90%	7,183	6,464	81%
ERM149	Late 2009	Pedestrian exploratory	Lower slope	604	50	30210	70%	80%	21,147	16,918	56%
ERM150	Late 2009	Pedestrian exploratory	Lower slope	637	50	31874	10%	90%	3,187	2,869	9%
ERM151	Late 2009	Pedestrian exploratory	Mid slope	525	50	26249	20%	80%	5,250	4,200	16%
ERM152	Late 2009	Pedestrian exploratory	Lower slope	388	50	19395	10%	90%	1,940	1,746	9%
ERM153	Late 2009	Pedestrian exploratory	Lower slope	884	50	44196	80%	90%	35,357	31,821	72%
ERM154	Late 2009	Pedestrian exploratory	Mid slope	122	50	6108	90%	100%	5,497	5,497	90%
ERM155	Late 2009	Pedestrian exploratory	Ridge top	148	50	7384	90%	100%	6,646	6,646	90%
ERM156	Late 2009	Pedestrian exploratory	Lower slope	718	50	35901	30%	80%	10,770	8,616	24%
ERM157	Late 2009	Pedestrian exploratory	Lower slope	599	50	29961	40%	80%	11,984	9,588	32%
ERM158	Late 2009	Pedestrian exploratory	Lower slope	719	50	35925	60%	80%	21,555	17,244	48%
ERM159	Late 2009	Pedestrian exploratory	Flat	426	50	21300	5%	10%	1,065	106	1%
ERM160	Late 2009	Pedestrian exploratory	Lower slope	480	50	24014	10%	50%	2,401	1,201	5%
ERM161	Late 2009	Pedestrian exploratory	Lower slope	939	50	46942	30%	20%	14,083	2,817	6%
ERM162	Late 2009	Pedestrian exploratory	Lower slope	549	50	27471	40%	40%	10,989	4,395	16%
ERM163	Late 2009	Pedestrian exploratory	Ridge top	260	50	13006	100%	100%	13,006	13,006	100%
ERM164	Late 2009	Pedestrian exploratory	Mid slope	364	50	18198	10%	20%	1,820	364	2%
ERM165	Late 2009	Pedestrian exploratory	Ridge top	298	50	14921	30%	70%	4,476	3,133	21%
ERM166	Late 2009	Pedestrian exploratory	Lower slope	773	50	38629	30%	40%	11,589	4,635	12%
ERM167	Late 2009	Pedestrian exploratory	Lower slope	791	50	39560	30%	50%	11,868	5,934	15%

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ERM168	Late 2009	Pedestrian exploratory	Lower slope	1241	50	62068	90%	100%	55,861	55,861	90%
ERM169	Late 2009	Pedestrian exploratory	Lower slope	764	50	38207	50%	90%	19,104	17,193	45%
ERM170	Late 2009	Pedestrian exploratory	Watercourse	943	50	47160	100%	100%	47,160	47,160	100%
ERM171	Late 2009	Pedestrian exploratory	Ridge top	569	50	28435	90%	100%	25,591	25,591	90%
ERM172	Late 2009	Pedestrian exploratory	Mid slope	343	50	17130	20%	80%	3,426	2,741	16%
ERM173	Late 2009	Pedestrian exploratory	Flat	364	50	18203	25%	50%	4,551	2,275	13%
ERM174	Late 2009	Pedestrian exploratory	Mid slope	155	50	7739	10%	20%	774	155	2%
ERM175	Late 2009	Pedestrian exploratory	Mid slope	283	50	14146	50%	20%	7,073	1,415	10%
ERM176	Late 2009	Pedestrian exploratory	Mid slope	809	50	40466	50%	20%	20,233	4,047	10%
ERM177	Late 2009	Pedestrian exploratory	Lower slope	305	50	15251	20%	20%	3,050	610	4%
ERM178	Late 2009	Pedestrian exploratory	Ridge top	150	50	7513	10%	20%	751	150	2%
ERM179	Late 2009	Pedestrian exploratory	Lower slope	785	50	39264	20%	40%	7,853	3,141	8%
ERM180	Late 2009	Pedestrian exploratory	Watercourse	1069	50	53451	60%	80%	32,071	25,657	48%
ERM181	Late 2009	Pedestrian exploratory	Lower slope	231	50	11540	60%	80%	6,924	5,539	48%
ERM182	Late 2009	Pedestrian exploratory	Lower slope	238	50	11876	75%	40%	8,907	3,563	30%
ERM183	Late 2009	Pedestrian exploratory	Watercourse	457	50	22850	90%	100%	20,565	20,565	90%
ERM184	Late 2009	Pedestrian exploratory	Lower slope	239	50	11939	90%	100%	10,745	10,745	90%
ERM185	Late 2009	Pedestrian exploratory	Mid slope	154	50	7718	20%	40%	1,544	617	8%
ERM186	Late 2009	Pedestrian exploratory	Lower slope	442	50	22076	20%	80%	4,415	3,532	16%
ERM187	Late 2009	Pedestrian exploratory	Lower slope	441	50	22051	20%	80%	4,410	3,528	16%
ERM188	Late 2009	Pedestrian exploratory	Ridge top	106	50	5278	50%	30%	2,639	792	15%
ERM189	Late 2009	Pedestrian exploratory	Lower slope	305	50	15246	20%	20%	3,049	610	4%
ERM190	Late 2009	Pedestrian exploratory	Mid slope	602	50	30092	20%	20%	6,018	1,204	4%
ERM191	Late 2009	Pedestrian exploratory	Mid slope	493	50	24661	20%	20%	4,932	986	4%
ERM192	Late 2009	Pedestrian exploratory	Mid slope	1130	50	56514	50%	20%	28,257	5,651	10%
ERM193	Late 2009	Pedestrian exploratory	Mid slope	233	50	11627	80%	50%	9,301	4,651	40%
ERM194	Late 2009	Pedestrian exploratory	Mid slope	339	50	16960	80%	50%	13,568	6,784	40%
ERM195	Late 2009	Pedestrian exploratory	Lower slope	432	50	21596	80%	50%	17,277	8,638	40%
ERM196	Late 2009	Pedestrian exploratory	Lower slope	431	50	21532	30%	50%	6,460	3,230	15%
ERM197	Late 2009	Pedestrian exploratory	Lower slope	156	50	7813	100%	100%	7,813	7,813	100%
ERM198	Late 2009	Pedestrian exploratory	Ridge top	180	50	9005	90%	100%	8,104	8,104	90%
ERM199	Late 2009	Pedestrian exploratory	Mid slope	314	50	15678	60%	50%	9,407	4,704	30%
ERM200	Late 2009	Pedestrian exploratory	Ridge top	88	50	4419	90%	50%	3,977	1,989	45%
ERM201	Late 2009	Pedestrian exploratory	Mid slope	104	50	5208	75%	50%	3,906	1,953	38%
ERM202	Late 2009	Pedestrian exploratory	Lower slope	111	50	5540	25%	50%	1,385	692	13%

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ERM203	Late 2009	Pedestrian exploratory	Mid slope	86	50	4284	40%	20%	1,713	343	8%
ERM204	Late 2009	Pedestrian exploratory	Gully	90	50	4523	75%	50%	3,392	1,696	38%
ERM205	Late 2009	Pedestrian exploratory	Ridge top	248	50	12412	75%	25%	9,309	2,327	19%
ERM206	Late 2009	Pedestrian exploratory	Mid slope	88	50	4416	75%	25%	3,312	828	19%
ERM207	Late 2009	Pedestrian exploratory	Mid slope	411	50	20570	100%	100%	20,570	20,570	100%
ERM208	Late 2009	Pedestrian exploratory	Mid slope	871	50	43545	100%	100%	43,545	43,545	100%
ERM209	Late 2009	Pedestrian exploratory	Lower slope	162	50	8100	10%	20%	810	162	2%
ERM210	Late 2009	Pedestrian exploratory	Mid slope	533	50	26632	10%	10%	2,663	266	1%
ERM211	Late 2009	Pedestrian exploratory	Mid slope	433	50	21671	10%	10%	2,167	217	1%
ERM212	Late 2009	Pedestrian exploratory	Gully	212	50	10603	10%	10%	1,060	106	1%
ERM213	Late 2009	Pedestrian exploratory	Upper slope	370	50	18520	10%	10%	1,852	185	1%
ERM214	Late 2009	Pedestrian exploratory	Gully	253	50	12637	10%	10%	1,264	126	1%
ERM215	Late 2009	Pedestrian exploratory	Ridge top	280	50	14006	10%	10%	1,401	140	1%
ERM216	Late 2009	Pedestrian exploratory	Mid slope	871	50	43532	10%	10%	4,353	435	1%
ERM217	Late 2009	Pedestrian exploratory	Mid slope	659	50	32938	75%	25%	24,704	6,176	19%
ERM218	Late 2009	Pedestrian exploratory	Lower slope	538	50	26910	80%	75%	21,528	16,146	60%
ERM219	Late 2009	Pedestrian exploratory	Lower slope	1178	50	58924	80%	75%	47,139	35,355	60%
ERM220	Late 2009	Pedestrian exploratory	Lower slope	556	50	27792	50%	75%	13,896	10,422	38%
ERM221	Late 2009	Pedestrian exploratory	Lower slope	509	50	25433	10%	10%	2,543	254	1%
ERM222	Late 2009	Pedestrian exploratory	Open depression	63	50	3137	10%	10%	314	31	1%
ERM223	Late 2009	Pedestrian exploratory	Lower slope	193	50	9675	25%	25%	2,419	605	6%
ERM224	Late 2009	Pedestrian exploratory	Lower slope	210	50	10504	25%	50%	2,626	1,313	13%
ERM225	Late 2009	Pedestrian exploratory	Lower slope	532	50	26593	25%	50%	6,648	3,324	13%
ERM226	Late 2009	Pedestrian exploratory	Lower slope	539	50	26973	50%	50%	13,487	6,743	25%
ERM227	Late 2009	Pedestrian exploratory	Lower slope	560	50	28012	50%	25%	14,006	3,502	13%
ERM228	Late 2009	Pedestrian exploratory	Lower slope	147	50	7362	50%	25%	3,681	920	13%
ERM229	Late 2009	Pedestrian exploratory	Mid slope	546	50	27311	20%	20%	5,462	1,092	4%
ERM230	Late 2009	Pedestrian exploratory	Flat	178	50	8881	40%	20%	3,553	711	8%
ERM231	Late 2009	Pedestrian exploratory	Mid slope	703	50	35139	20%	20%	7,028	1,406	4%
ERM232	Late 2009	Pedestrian exploratory	Upper slope	450	50	22504	20%	20%	4,501	900	4%
ERM233	Late 2009	Pedestrian exploratory	Mid slope	395	50	19755	20%	20%	3,951	790	4%
ERM234	Late 2009	Pedestrian exploratory	Ridge top	340	50	16976	20%	20%	3,395	679	4%
ERM235	Late 2009	Pedestrian exploratory	Mid slope	253	50	12650	20%	20%	2,530	506	4%
ERM236	Late 2009	Pedestrian exploratory	Mid slope	729	50	36475	20%	20%	7,295	1,459	4%
ERM237	Late 2009	Pedestrian exploratory	Lower slope	478	50	23890	20%	20%	4,778	956	4%

Transect	Date	Method	Landform	Length (m)	Width (m)	Area (m²)	Visibility	Exposure	Visible area (m²)	Area available for detection (m²)	Effective coverage
ERM238	Late 2009	Pedestrian exploratory	Lower slope	94	50	4720	40%	40%	1,888	755	16%
ERM239	Late 2009	Pedestrian exploratory	Lower slope	440	50	21998	80%	50%	17,599	8,799	40%
ERM240	Late 2009	Pedestrian exploratory	Lower slope	82	50	4106	20%	20%	821	164	4%
ERM241	Late 2009	Pedestrian exploratory	Mid slope	264	50	13215	20%	20%	2,643	529	4%
ERM242	Late 2009	Pedestrian exploratory	Upper slope	214	50	10707	80%	75%	8,566	6,424	60%
ERM243	Late 2009	Pedestrian exploratory	Ridge top	149	50	7442	80%	75%	5,953	4,465	60%
ERM244	Late 2009	Pedestrian exploratory	Mid slope	370	50	18513	60%	75%	11,108	8,331	45%
ERM245	Late 2009	Pedestrian exploratory	Ridge top	237	50	11860	40%	75%	4,744	3,558	30%
ERM246	Late 2009	Pedestrian exploratory	Watercourse	241	50	12044	50%	50%	6,022	3,011	25%
ERM247	Late 2009	Pedestrian exploratory	Ridge top	121	50	6050	40%	50%	2,420	1,210	20%
ERM248	Late 2009	Pedestrian exploratory	Mid slope	553	50	27641	40%	75%	11,056	8,292	30%
ERM249	Late 2009	Pedestrian exploratory	Ridge top	499	50	24964	40%	50%	9,986	4,993	20%
ERM250	Late 2009	Pedestrian exploratory	Mid slope	257	50	12860	25%	50%	3,215	1,607	13%
ERM251	Late 2009	Pedestrian exploratory	Ridge top	257	50	12840	25%	50%	3,210	1,605	13%
ERM252	Late 2009	Pedestrian exploratory	Ridge top	322	50	16093	75%	75%	12,070	9,052	56%
ERM253	Late 2009	Pedestrian exploratory	Mid slope	847	50	42351	50%	75%	21,176	15,882	38%
ERM254	Late 2009	Pedestrian exploratory	Mid slope	280	50	13978	90%	100%	12,580	12,580	90%
ERM255	Late 2009	Pedestrian exploratory	Mid slope	363	50	18140	20%	50%	3,628	1,814	10%
ERM256	Late 2009	Pedestrian exploratory	Mid slope	297	50	14844	25%	75%	3,711	2,783	19%
ERM257	Late 2009	Pedestrian exploratory	Upper slope	340	50	17018	25%	25%	4,255	1,064	6%
ERM258	Late 2009	Pedestrian exploratory	Mid slope	509	50	25426	25%	25%	6,357	1,589	6%
ERM259	Late 2009	Pedestrian exploratory	Flat	481	50	24033	50%	75%	12,017	9,012	38%
ERM260	Late 2009	Pedestrian exploratory	Lower slope	795	50	39750	50%	25%	19,875	4,969	13%
ERM261	Late 2009	Pedestrian exploratory	Mid slope	335	50	16750	50%	20%	8,375	1,675	10%
ERM262	Late 2009	Pedestrian exploratory	Gully	47	50	2350	75%	75%	1,763	1,322	56%
ERM263	Late 2009	Pedestrian exploratory	Mid slope	221	50	11050	50%	20%	5,525	1,105	10%
ERM264	Late 2009	Pedestrian exploratory	Ridge top	161	50	8050	75%	25%	6,038	1,509	19%
ERM265	Late 2009	Pedestrian exploratory	Mid slope	201	50	10050	50%	25%	5,025	1,256	13%
ERM266	Late 2009	Pedestrian exploratory	Lower slope	313	50	15650	25%	25%	3,913	978	6%
ERM267	Late 2009	Pedestrian exploratory	Lower slope	187	50	9350	50%	25%	4,675	1,169	13%
ERM268	Late 2009	Pedestrian exploratory	Mid slope	180	50	9000	50%	25%	4,500	1,125	13%
ERM269	Late 2009	Pedestrian exploratory	Gully	341	50	17050	50%	25%	8,525	2,131	13%
ERM270	Late 2009	Pedestrian exploratory	Ridge top	271	50	13550	25%	25%	3,388	847	6%
ERM271	Late 2009	Pedestrian exploratory	Upper slope	479	50	23950	25%	25%	5,988	1,497	6%
ERM272	Late 2009	Pedestrian exploratory	Mid slope	1243	50	62150	40%	25%	24,860	6,215	10%

Transect	Date	Method	Landform	Length (m)	Width (m)	Area (m²)	Visibility	Exposure	Visible area (m²)	Area available for detection (m²)	Effective coverage
ERM273	Late 2009	Pedestrian exploratory	Lower slope	2325	50	116250	25%	50%	29,063	14,531	13%
ERM274	Late 2009	Pedestrian exploratory	Lower slope	544	50	27200	50%	75%	13,600	10,200	38%
ERM275	Late 2009	Pedestrian exploratory	Open depression	81	50	4050	0%	0%	-	-	0%
ERM276	Late 2009	Pedestrian exploratory	Lower slope	146	50	7300	10%	20%	730	146	2%
ERM277	Late 2009	Pedestrian exploratory	Gully	177	50	8850	75%	50%	6,638	3,319	38%
ERM278	Late 2009	Pedestrian exploratory	Mid slope	344	50	17200	75%	50%	12,900	6,450	38%
ERM279	Late 2009	Pedestrian exploratory	Upper slope	70	50	3500	50%	75%	1,750	1,313	38%
ERM280	Late 2009	Pedestrian exploratory	Upper slope	235	50	11750	20%	25%	2,350	588	5%
ERM281	Late 2009	Pedestrian exploratory	Gully	154	50	7700	20%	25%	1,540	385	5%
ERM282	Late 2009	Pedestrian exploratory	Upper slope	269	50	13450	20%	25%	2,690	673	5%
ERM283	Late 2009	Pedestrian exploratory	Gully	272	50	13600	20%	25%	2,720	680	5%
ERM284	Late 2009	Pedestrian exploratory	Upper slope	138	50	6900	10%	25%	690	173	3%
ERM285	Late 2009	Pedestrian exploratory	Ridge top	87	50	4350	100%	100%	4,350	4,350	100%
ERM286	Late 2009	Pedestrian exploratory	Upper slope	402	50	20100	100%	100%	20,100	20,100	100%
ERM287	Late 2009	Pedestrian exploratory	Lower slope	1832	50	91600	10%	10%	9,160	916	1%
ERM288	Late 2009	Pedestrian exploratory	Flat	921	50	46050	50%	75%	23,025	17,269	38%
ERM289	Late 2009	Pedestrian exploratory	Ridge top	877	50	43850	50%	75%	21,925	16,444	38%
ERM290	Late 2009	Pedestrian exploratory	Lower slope	200	50	10000	10%	10%	1,000	100	1%
ERM291	Late 2009	Pedestrian exploratory	Lower slope	959	50	47950	50%	50%	23,975	11,988	25%
ERM292	Late 2009	Pedestrian exploratory	Watercourse	279	50	13950	50%	75%	6,975	5,231	38%
ERM293	Late 2009	Pedestrian exploratory	Watercourse	291	50	14550	50%	75%	7,275	5,456	38%
ERM294	Late 2009	Pedestrian exploratory	Watercourse	747	50	37350	50%	75%	18,675	14,006	38%
ERM295	Late 2009	Pedestrian exploratory	Lower slope	308	50	15400	20%	75%	3,080	2,310	15%
ERM296	Late 2009	Pedestrian exploratory	Mid slope	112	50	5600	20%	75%	1,120	840	15%
ERM297	Late 2009	Pedestrian exploratory	Mid slope	387	50	19350	10%	75%	1,935	1,451	8%
ERM298	Late 2009	Pedestrian exploratory	Mid slope	271	50	13550	75%	75%	10,163	7,622	56%
ERM299	Late 2009	Pedestrian exploratory	Lower slope	1389	50	69450	50%	75%	34,725	26,044	38%

Appendix C

Aboriginal site data

Site name	AHIMS	MGAE	MGAN	Site type	Rec date	Length	Width	Artefacts	Area	Density
BBS Dubbo LALC Spring Ridge Rd	36-2-0129			Open stone artefact	pre-Dec 09					
BBS Dubbo LALC Travelling Stock Route	36-2-0118			Open stone artefact	pre-Dec 09					
BBS; Dubbo LALC; Road Reserve 2	36-2-0123			Scarred Tree	pre-Dec 09					
CBR-GG-01	TBA			Grinding grooves	10-Oct-11	3	3	0		
CBR-GG-02	TBA			Grinding grooves	04-Nov-11	3	3	0		
CBR-IF-01	TBA			Open stone artefact	02-Nov-11	1	1	1		
CBR-IF-02	TBA			Open stone artefact	02-Nov-11	1	1	1		
CBR-IF-03	TBA			Open stone artefact	04-Nov-11	1	1	1		
CBR-IF-04	TBA			Open stone artefact	04-Nov-11	1	1	1		
CBR-IF-05	TBA			Open stone artefact	01-Nov-11	1	1	1		
CBR-IF-06a	TBA			Open stone artefact	07-Nov-11	1	1	1		
CBR-IF-06b	TBA			Open stone artefact	22-Feb-12	1	1	1		
CBR-IF-07	TBA			Open stone artefact	22-Feb-12	1	1	1		
CBR-IF-08	TBA			Open stone artefact	22-Feb-12	1	1	1		
CBR-OS-01	TBA			Open stone artefact	31-Oct-11	200	80	127	16,000	0.008
CBR-OS-02	TBA			Open stone artefact	01-Nov-11	20	20	11	400	0.028
CBR-OS-03	TBA			Open stone artefact	01-Nov-11	20	5	3	100	0.030
CBR-OS-04	TBA			Open stone artefact	01-Nov-11	100	50	10	5,000	0.002
CBR-OS-05a	TBA			Open stone artefact	01-Nov-11	220	35	17	7,700	0.002
CBR-OS-05b	TBA			Open stone artefact	01-Nov-11	20	5	3	100	0.030
CBR-OS-06	TBA			Open stone artefact	02-Nov-11	70	3	3	210	0.014
CBR-OS-07	TBA			Open stone artefact	02-Nov-11	70	5	8	350	0.023
CBR-OS-08	TBA			Open stone artefact	02-Nov-11	20	5	6	100	0.060
CBR-OS-09 'Big Scald'	TBA			Open stone artefact	02-Nov-11	200	45	130	9,000	0.014
CBR-OS-10	TBA			Open stone artefact	02-Nov-11	85	55	18	4,675	0.004
CBR-OS-11	TBA			Open stone artefact	02-Nov-11	400	20	37	8,000	0.005
CBR-OS-11a	TBA			Open stone artefact	02-Nov-11	2	2	2	4	0.500
CBR-OS-12 'Waterhole'	TBA			Open stone artefact	02-Nov-11	450	60	105	27,000	0.004
CBR-OS-13a	TBA			Open stone artefact	02-Nov-11	20	4	8	80	0.100
CBR-OS-13b	TBA			Open stone artefact	09-Nov-11	50	2	2	100	0.020
CBR-OS-14	TBA			Open stone artefact	02-Nov-11	110	20	8	2,200	0.004
CBR-OS-15	TBA			Open stone artefact	02-Nov-11	16	1	2	16	0.125
CBR-OS-16	TBA			Open stone artefact	03-Nov-11	880	170	113	149,600	0.001
CBR-OS-17	TBA			Open stone artefact	04-Nov-11	43	15	4	645	0.006
CBR-OS-18	TBA			Open stone artefact	04-Nov-11	85	30	31	2,550	0.012
CBR-OS-18a	TBA			Open stone artefact	04-Nov-11	17	1	1	17	0.059
CBR-OS-18b	TBA			Open stone artefact	04-Nov-11	1	1	2	1	2.000
CBR-OS-19	TBA			Open stone artefact	04-Nov-11	140	70	16	9,800	0.002
CBR-OS-20	TBA			Open stone artefact	07-Nov-11	35	35	7	1,225	0.006
CBR-OS-21	TBA			Open stone artefact	07-Nov-11	1130	50	55	56,500	0.001
CBR-OS-22	TBA			Open stone artefact	08-Nov-11	85	30	82	2,550	0.032
CBR-OS-23	TBA			Open stone artefact	08-Nov-11	40	30	29	1,200	0.024
CBR-OS-24	TBA			Open stone artefact	08-Nov-11	80	20	22	1,600	0.014
CBR-OS-25	TBA			Open stone artefact	08-Nov-11	80	20	22	1,600	0.014
CBR-OS-29a	TBA			Open stone artefact	09-Nov-11	90	5	22	450	0.049
CBR-OS-29b	TBA			Open stone artefact	09-Nov-11	85	10	22	850	0.026
CBR-OS-29c	TBA			Open stone artefact	09-Nov-11	20	5	3	100	0.030
CBR-OS-29d	TBA			Open stone artefact	09-Nov-11	2	1	2	2	1.000
CBR-OS-29e	TBA			Open stone artefact	09-Nov-11	1	1	1	1	1.000
CBR-OS-29f	TBA			Open stone artefact	09-Nov-11	1	1	1	1	1.000
CBR-OS-29g	TBA			Open stone artefact	09-Nov-11	115	5	5	575	0.009
CBR-OS-29h	TBA			Open stone artefact	09-Nov-11	30	2	3	60	0.050
CBR-OS-29i	TBA			Open stone artefact	09-Nov-11	10	1	2	10	0.200
CBR-OS-29j	TBA			Open stone artefact	09-Nov-11	5	1	2	5	0.400

Site name	AHIMS	MGAE	MGAN	Site type	Rec date	Length	Width	Artefacts	Area	Density
CBR-OS-29k	TBA			Open stone artefact	09-Nov-11	1	1	2	1	2.000
CBR-OS-29l	TBA			Open stone artefact	09-Nov-11	1	1	1	1	1.000
CBR-OS-30	TBA			Open stone artefact	09-Nov-11	60	30	4	1,800	0.002
CBR-OS-31a	TBA			Open stone artefact	09-Nov-11	85	30	23	2,550	0.009
CBR-OS-31b	TBA			Open stone artefact	09-Nov-11	1	1	1	1	1.000
CBR-OS-31c	TBA			Open stone artefact	09-Nov-11	280	5	95	1,400	0.068
CBR-OS-31d	TBA			Open stone artefact	09-Nov-11	65	20	12	1,300	0.009
CBR-OS-31e	TBA			Open stone artefact	09-Nov-11	1	1	1	1	1.000
CBR-OS-32	TBA			Open stone artefact	10-Nov-11	1	1	2	1	2.000
CBR-OS-33a	TBA			Open stone artefact	11-Nov-11	30	2	3	60	0.050
CBR-OS-33b	TBA			Open stone artefact	11-Nov-11	10	2	2	20	0.100
CBR-OS-34a	TBA			Open stone artefact	21-Feb-12	120	30	52	3,600	0.014
CBR-OS-34b	TBA			Open stone artefact	21-Feb-12	20	5	3	100	0.030
CBR-OS-35	TBA			Open stone artefact	21-Feb-12	540	30	322	16,200	0.020
CBR-OS-36	TBA			Open stone artefact	21-Feb-12	50	50	33	2,500	0.013
CBR-OS-37a	TBA			Open stone artefact	21-Feb-12	1	1	1	1	1.000
CBR-OS-37b	TBA			Open stone artefact	21-Feb-12	7	1	2	7	0.286
CBR-OS-37c	TBA			Open stone artefact	21-Feb-12	1	1	1	1	1.000
CBR-OS-38a	TBA			Open stone artefact	21-Feb-12	45	3	9	135	0.067
CBR-OS-38b	TBA			Open stone artefact	21-Feb-12	175	65	127	11,375	0.011
CBR-OS-39a	TBA			Open stone artefact	21-Feb-12	234	50	38	11,700	0.003
CBR-OS-39b	TBA			Open stone artefact	21-Feb-12	1	1	1	1	1.000
CBR-OS-39c	TBA			Open stone artefact	21-Feb-12	1	1	1	1	1.000
CBR-OS-40	TBA			Open stone artefact	21-Feb-12	70	55	23	3,850	0.006
CBR-OS-41	TBA			Open stone artefact	21-Feb-12	48	9	9	432	0.021
CBR-OS-42	TBA			Open stone artefact	22-Feb-12	1	1	3	1	3.000
CBR-OS-43	TBA			Open stone artefact	22-Feb-12	90	20	109	1,800	0.061
CBR-OS-44a	TBA			Open stone artefact	22-Feb-12	95	15	57	1,425	0.040
CBR-OS-44b	TBA			Open stone artefact	22-Feb-12	7	2	6	14	0.429
CBR-OS-45	TBA			Open stone artefact	22-Feb-12	22	2	2	44	0.045
CBR-OS-46a	TBA			Open stone artefact	22-Feb-12	100	30	22	3,000	0.007
CBR-OS-46b	TBA			Open stone artefact	22-Feb-12	17	7	13	119	0.109
CBR-OS-47a	TBA			Open stone artefact	22-Feb-12	175	8	25	1,400	0.018
CBR-OS-47b	TBA			Open stone artefact	22-Feb-12	53	7	15	371	0.040
CBR-OS-48	TBA			Open stone artefact	22-Feb-12	20	10	3	200	0.015
CBR-OS-49	TBA			Open stone artefact	22-Feb-12	110	30	25	3,300	0.008
CBR-RSH-01	TBA			Aboriginal rockshelter	04-Nov-11	5	1	2		
DR-ST2	36-2-0090			Scarred Tree	pre-Dec 09			N/A		
DR-ST3	36-2-0091			Scarred Tree	pre-Dec 09			N/A		
DR-ST4	36-2-0092			Scarred Tree	pre-Dec 09			N/A		
DR-ST5	36-2-0093			Scarred Tree	pre-Dec 09			N/A		
DTG/OC21 - Medway 2	36-2-0063			Open stone artefact	pre-Dec 09			not identified		
DTG/OC22 - Sandy Creek	36-2-0062			Open stone artefact	pre-Dec 09			not identified		
Fords Creek;Cobbora;	36-2-0006			Open stone artefact	pre-Dec 09			not identified		
Grinding Groove 01	36-2-0164			Grinding Grooves	01-Dec-09			7 grooves		
Grinding Groove 02	36-2-0165			Grinding Grooves	01-Dec-09			3 grooves		
Grinding Groove 03	36-2-0166			Grinding Grooves	01-Dec-09			5 grooves		
Grinding Groove 04	36-2-0167			Grinding Grooves	01-Dec-09			25 grooves		
Grinding Groove 05	36-2-0168			Grinding Grooves	01-Dec-09			4 grooves		
Grinding Groove 06	36-2-0169			Grinding Grooves	01-Dec-09			17 grooves		
Grinding Groove 07	36-2-0170			Grinding Grooves	01-Dec-09			5 grooves		
Grinding Groove 08	36-2-0171			Grinding Grooves	01-Dec-09			84 grooves		
Grinding Groove 09	36-2-0172			Grinding Grooves	01-Dec-09			4 grooves		
Grinding Groove 10	36-2-0173			Grinding Grooves	01-Dec-09			1 groove		

Site name	AHIMS	MGAE	MGAN	Site type	Rec date	Length	Width	Artefacts	Area	Density
Grinding Groove 11	36-2-0174			Grinding Grooves	01-Dec-09			4 grooves		
Grinding Groove 12	36-2-0175			Grinding Grooves	01-Dec-09			2 grooves		
Grinding Groove 13	36-2-0176			Grinding Grooves	01-Dec-09			4 grooves		
Grinding Groove 14	36-2-0271			Grinding Grooves	01-Dec-09			20 grooves		
Grinding Groove 15	36-2-0273			Grinding Grooves	01-Dec-09			4 grooves		
Grinding Groove 16	36-2-0272			Grinding Grooves	01-Dec-09			1 groove (?)		
Hearth 01	36-2-0177			Hearth	01-Dec-09					
Hearth 02	36-2-0178			Hearth	01-Dec-09					
Hearth 03	36-2-0179			Hearth	01-Dec-09					
Hearth 04	36-2-0180			Hearth	01-Dec-09					
Hearth 05	36-2-0181			Hearth	01-Dec-09					
Hearth 06	36-2-0182			Hearth	01-Dec-09					
Hearth 07	36-2-0183			Hearth	01-Dec-09					
Hearth 08	36-2-0184			Hearth	01-Dec-09					
Hearth 09	36-2-0185			Hearth	01-Dec-09					
Hearth 10	36-2-0186			Hearth	01-Dec-09					
Hearth 11	36-2-0187			Hearth	01-Dec-09					
Hearth 12	36-2-0188			Hearth	01-Dec-09					
Hearth 13	36-2-0189			Hearth	01-Dec-09					
Hearth 14	36-2-0190			Hearth	01-Dec-09					
Hearth 15	36-2-0191			Hearth	01-Dec-09					
IF 01-Glass Flake	36-2-0192			Open Stone Artefact	01-Dec-09					
IF 02-Brown Silcrete Core	36-2-0193			Open Stone Artefact	01-Dec-09					
IF 03-Pounding Stone	36-2-0194			Open Stone Artefact	01-Dec-09					
IF 05-Ground Edge Axe	36-2-0196			Open Stone Artefact	01-Dec-09					
IF 06-Grinding Bowl	36-2-0197			Open Stone Artefact	01-Dec-09					
IF 07-Hammer Stone	36-2-0198			Open Stone Artefact	01-Dec-09					
IF 08-Anvil	36-2-0199			Open Stone Artefact	01-Dec-09					
IF 09-Grinding Bowl	36-2-0200			Open Stone Artefact	01-Dec-09					
IF 10- Grinding Bowl	36-2-0201			Open Stone Artefact	01-Dec-09					
IF 11-Grinding Bowl	36-2-0202			Open Stone Artefact	01-Dec-09					
IF 12-Small Hammer Stone	36-2-0203			Open Stone Artefact	01-Dec-09				1	
IF 14	36-2-0274			Open Stone Artefact	01-Dec-09					
IF 15	36-2-0275			Open Stone Artefact	01-Dec-09					
IF 16	36-2-0276			Open Stone Artefact	01-Dec-09					
IF 17	36-2-0277			Open Stone Artefact	01-Dec-09					
IF 18	36-2-0278			Open Stone Artefact	01-Dec-09					
IF 04-Knife Sharping Stone	36-2-0195			Open Stone Artefact	01-Dec-09					
SAC 01	36-2-0204			Open Stone Artefact	01-Dec-09					
SAC 02	36-2-0205			Open Stone Artefact	01-Dec-09					
SAC 03	36-2-0206			Open Stone Artefact	01-Dec-09					
SAC 04	36-2-0207			Open Stone Artefact	01-Dec-09					
SAC 05	36-2-0208			Open Stone Artefact	01-Dec-09					
SAC 06	36-2-0209			Open Stone Artefact	01-Dec-09					
SAC 07	36-2-0210			Open Stone Artefact	01-Dec-09					
SAC 08	36-2-0211			Open Stone Artefact	01-Dec-09					
SAC 09	36-2-0212			Open Stone Artefact	01-Dec-09					
SAC 10	36-2-0213			Open Stone Artefact	01-Dec-09					
SAC 11	36-2-0214			Open Stone Artefact	01-Dec-09					
SAC 12	36-2-0215			Open Stone Artefact	01-Dec-09					
SAC 13	36-2-0216			Open Stone Artefact	01-Dec-09					
SAC 14	36-2-0217			Open Stone Artefact	01-Dec-09					
SAC 15	36-2-0218			Open Stone Artefact	01-Dec-09					
SAC 16	36-2-0219			Open Stone Artefact	01-Dec-09					

Site name	AHIMS	MGAE	MGAN	Site type	Rec date	Length	Width	Artefacts	Area	Density
SAC 17	36-2-0220	*****	*****	Open Stone Artefact	01-Dec-09					
SAC 18	36-2-0221			Open Stone Artefact	01-Dec-09					
SAC 19	36-2-0222			Open Stone Artefact	01-Dec-09					
SAC 20	36-2-0223			Open Stone Artefact	01-Dec-09					
SAC 21	36-2-0224			Open Stone Artefact	01-Dec-09					
SAC 22	36-2-0225			Open Stone Artefact	01-Dec-09					
SAC 23	36-2-0226			Open Stone Artefact	01-Dec-09					
SAC 24	36-2-0227			Open Stone Artefact	01-Dec-09	130	25			
SAC 25	36-2-0228			Open Stone Artefact	01-Dec-09	135	40			
SAC 26	36-2-0229			Open Stone Artefact	01-Dec-09					
SAC 27	36-2-0230			Open Stone Artefact	01-Dec-09					
SAC 28	36-2-0231			Open Stone Artefact	01-Dec-09					
SAC 29	36-2-0232			Open Stone Artefact	01-Dec-09					
SAC 30	36-2-0233			Open Stone Artefact	01-Dec-09					
SAC 31	36-2-0234			Open Stone Artefact	01-Dec-09					
SAC 32	36-2-0235			Open Stone Artefact	01-Dec-09					
SAC 33	36-2-0236			Open Stone Artefact	01-Dec-09					
SAC 34	36-2-0237			Open Stone Artefact	01-Dec-09					
SAC 35	36-2-0238			Open Stone Artefact	01-Dec-09					
SAC 36	36-2-0239			Open Stone Artefact	01-Dec-09					
SAC 37	36-2-0240			Open Stone Artefact	01-Dec-09					
SAC 38	36-2-0241			Open Stone Artefact	01-Dec-09					
SAC 39	36-2-0279			Open Stone Artefact	01-Dec-09					
SAC 40	36-2-0280			Open Stone Artefact	01-Dec-09					
SAC 41	36-2-0281			Open Stone Artefact	01-Dec-09					
SAC 42	36-2-0282			Open Stone Artefact	01-Dec-09					
SAC 43	36-2-0283			Open Stone Artefact	01-Dec-09					
SAC 44	36-2-0284			Open Stone Artefact	01-Dec-09					
SAC 45	36-2-0285			Open Stone Artefact	01-Dec-09					
SAC 46	36-2-0286			Open Stone Artefact	01-Dec-09					
SAC 47	36-2-0287			Open Stone Artefact	01-Dec-09					
SAC 48	36-2-0288			Open Stone Artefact	01-Dec-09					
SAC 59	36-2-0289			Open Stone Artefact	01-Dec-09					
SAC 60	36-2-0290			Open Stone Artefact	01-Dec-09					
SAC 61	36-2-0291			Open Stone Artefact	01-Dec-09			10		
SAC 62	36-2-0292			Open Stone Artefact	01-Dec-09			11		
SAC 63	36-2-0293			Open Stone Artefact	01-Dec-09			7		
Sandy Creek;Cobbora;	36-2-0002			Open stone artefact	pre-Dec 09					
Shelter 01	36-2-0242			Rockshelter with PAD	01-Dec-09					
Shelter 02	36-2-0243			Rockshelter with PAD	01-Dec-09					
Shelter 03	36-2-0244			Rockshelter with PAD	01-Dec-09					
Shelter 04	36-2-0245			Rockshelter with PAD	01-Dec-09					
Shelter 05	36-2-0246			Rockshelter with PAD	01-Dec-09					
Shelter 08	36-2-0249			Rockshelter with PAD	01-Dec-09					
The Gap;Cobbora;	36-2-0007			Open stone artefact	pre-Dec 09					
The Gap;Cobbora;	36-2-0009			Open stone artefact	pre-Dec 09					
TRE 01	36-2-0250			Scarred Tree	01-Dec-09					
TRE 02	36-2-0251			Scarred Tree	01-Dec-09					
TRE 03	36-2-0252			Scarred Tree	01-Dec-09					
TRE 04	36-2-0253			Scarred Tree	01-Dec-09					
TRE 05	36-2-0254			Scarred Tree	01-Dec-09					
TRE 06	36-2-0255			Scarred Tree	01-Dec-09					
TRE 07	36-2-0256			Scarred Tree	01-Dec-09					
TRE 08	36-2-0257			Scarred Tree	01-Dec-09					

Site name	AHIMS	MGAE	MGAN	Site type	Rec date	Length	Width	Artefacts	Area	Density
TRE 09	36-2-0258			Scarred Tree	01-Dec-09					
TRE 10	36-2-0259			Scarred Tree	01-Dec-09					
TRE 11	36-2-0260			Scarred Tree	01-Dec-09					
TRE 12	36-2-0261			Scarred Tree	01-Dec-09					
TRE 13	36-2-0262			Scarred Tree	01-Dec-09					
TRE 14	36-2-0263			Scarred Tree	01-Dec-09					
TRE 15	36-2-0264			Scarred Tree	01-Dec-09					
TRE 16	36-2-0265			Scarred Tree	01-Dec-09					
TRE 17	36-2-0266			Scarred Tree	01-Dec-09					
TRE 18	36-2-0267			Scarred Tree	01-Dec-09					
TRE 19	36-2-0268			Scarred Tree	01-Dec-09					
TRE 20	36-2-0269			Scarred Tree	01-Dec-09					
YBCR-OS2 with PAD	36-2-0106			Open Stone Artefact	pre-Dec 09					

Site name	Development	Impact level	Management	Landform class	Significance level	Scientific significance
BBS Dubbo LALC Spring Ridge Rd	None	None	Avoidance	Undulating ground	Moderate	Moderate
BBS Dubbo LALC Travelling Stock Route	None	None	Avoidance	Undulating ground	Moderate	Moderate
BBS; Dubbo LALC; Road Reserve 2	None	None	Avoidance	Undulating ground	Moderate	Moderate
CBR-GG-01	None	None	Fence and avoid	Watercourse	Moderate	Low: sparse elements
CBR-GG-02	Mining Area C	Total loss	Salvage and relocate	Ridge top	Moderate	Low: sparse elements
CBR-IF-01	Haul Road/Emplacement	Total loss	Collection	Watercourse	Low	Low: sparse assemblage
CBR-IF-02	Mining Area A	Total loss	Collection	Ridge top	Moderate	Moderate: rarely recorded context
CBR-IF-03	Mining Area A	Total loss	Collection	Rocky slope	Moderate	Moderate: rarely recorded context
CBR-IF-04	Mining Area B	Total loss	Collection	Ridge top	Moderate	Moderate: rarely recorded context
CBR-IF-05	Infrastructure	Total loss	Collection	Watercourse	Low	Low: sparse assemblage
CBR-IF-06a	Rail Spur	Total loss	Collection	Watercourse	Low	Low: sparse assemblage
CBR-IF-06b	None	None	Avoidance	Undulating ground	Low	Low: sparse assemblage
CBR-IF-07	Rail spur	Total loss	Collection	Watercourse	Low	Low: sparse assemblage
CBR-IF-08	None	None	Avoidance	Undulating ground	Low	Low: sparse assemblage
CBR-OS-01	Mining Area A	Total loss	Collection	Ridge top	Moderate	Moderate: rarely recorded context
CBR-OS-02	Mining Area A	Total loss	Collection	Rocky slope	Moderate	Moderate: rarely recorded context
CBR-OS-03	Mining Area A	Total loss	Collection	Rocky slope	Moderate	Moderate: rarely recorded context
CBR-OS-04	Mining Area A	Total loss	Collection	Ridge top	High	High: assemblage in rarely recorded context
CBR-OS-05a	Mining Area A	Total loss	Collection	Ridge top	High	High: assemblage in rarely recorded context
CBR-OS-05b	Mining Area A	Total loss	Collection	Ridge top	Moderate	Moderate: rarely recorded context
CBR-OS-06	Haul Road/Emplacement	Total loss	Collection	Watercourse	Low	Low: sparse assemblage
CBR-OS-07	Haul Road/Emplacement	Total loss	Collection	Watercourse	Moderate	Moderate: associated deposit
CBR-OS-08	Haul Road/Emplacement	Total loss	Collection	Watercourse	Moderate	Moderate: associated deposit
CBR-OS-09 'Big Scald'	Mining Area A	Total loss	Collection	Watercourse	High	High: assemblage diversity
CBR-OS-10	Mining Area A	Total loss	Collection	Rocky slope	Moderate	Moderate: rarely recorded context
CBR-OS-11	Mining Area A	Total loss	Collection	Valley floor	Moderate	Moderate: rarely recorded context
CBR-OS-11a	Mining Area A	Total loss	Collection	Valley floor	Low	Low: sparse assemblage
CBR-OS-12 'Waterhole'	Haul Road/Emplacement	Total loss	Salvage excavation	Watercourse	High	High: assemblage diversity
CBR-OS-13a	Haul Road/Emplacement	Total loss	Collection	Valley floor	Low	Low: sparse assemblage
CBR-OS-13b	Haul Road/Emplacement	Total loss	Collection	Valley floor	Low	Low: sparse assemblage
CBR-OS-14	Haul Road/Emplacement	Total loss	Collection	Watercourse	Moderate	Moderate: associated deposit and artefacts
CBR-OS-15	Haul Road/Emplacement	Total loss	Collection	Watercourse	Low	Low: sparse assemblage
CBR-OS-16	None	None	Avoidance	Watercourse	Low	Low: highly disturbed
CBR-OS-17	None	None	Fence and avoid	Valley floor	Low	Low: sparse assemblage
CBR-OS-18	None	None	Avoidance	Valley floor	Moderate	Moderate: rarely recorded context
CBR-OS-18a	None	None	Fence and avoid	Valley floor	Low	Low: sparse assemblage
CBR-OS-18b	None	None	Avoidance	Valley floor	Low	Low: sparse assemblage
CBR-OS-19	Haul Road/Emplacement	Total loss	Collection	Valley floor	Moderate	Moderate: rarely recorded context
CBR-OS-20	Haul Road/Emplacement	Total loss	Collection	Valley floor	Low	Low: sparse assemblage
CBR-OS-21	Mining Area B	Total loss	Collection	Watercourse	Moderate	Moderate: rarely recorded context
CBR-OS-22	Water pipeline	Partial disturbance	Collect and set aside	Watercourse	Low	Low: sparse assemblage
CBR-OS-23	Water pipeline	Partial disturbance	Collect and set aside	Watercourse	Low	Low: sparse assemblage
CBR-OS-24	Water pipeline	Partial disturbance	Collect and set aside	Watercourse	Low	Low: sparse assemblage
CBR-OS-25	Water pipeline	Partial disturbance	Collect and set aside	Watercourse	Low	Low: sparse assemblage
CBR-OS-29a	Haul Road/Emplacement	Total loss	Collection	Valley floor	Moderate	Moderate: rarely recorded context
CBR-OS-29b	None	None	Avoidance	Valley floor	Moderate	Moderate: rarely recorded context
CBR-OS-29c	Haul Road/Emplacement	Total loss	Collection	Valley floor	Moderate	Moderate: rarely recorded context
CBR-OS-29d	None	None	Avoidance	Valley floor	Moderate	Moderate: rarely recorded context
CBR-OS-29e	None	None	Avoidance	Valley floor	Moderate	Moderate: rarely recorded context
CBR-OS-29f	None	None	Avoidance	Valley floor	Moderate	Moderate: rarely recorded context
CBR-OS-29g	None	None	Avoidance	Valley floor	Moderate	Moderate: rarely recorded context
CBR-OS-29h	None	None	Avoidance	Valley floor	Moderate	Moderate: rarely recorded context
CBR-OS-29i	None	None	Avoidance	Valley floor	Moderate	Moderate: rarely recorded context
CBR-OS-29j	None	None	Avoidance	Valley floor	Moderate	Moderate: rarely recorded context

Site name	Development	Impact level	Management	Landform class	Significance level	Scientific significance
CBR-OS-29k	None	None	Avoidance	Valley floor	Moderate	Moderate: rarely recorded context
CBR-OS-29l	Haul Road/Emplacement	Total loss	Collection	Valley floor	Moderate	Moderate: rarely recorded context
CBR-OS-30	Haul Road/Emplacement	Total loss	Collection	Watercourse	Moderate	Moderate: rarely recorded context
CBR-OS-31a	Haul Road/Emplacement	Total loss	Collection	Valley floor	Moderate	Moderate: associated deposit
CBR-OS-31b	Haul Road/Emplacement	Total loss	Collection	Valley floor	Low	Low: sparse assemblage
CBR-OS-31c	Haul Road/Emplacement	Total loss	Collection	Valley floor	Moderate	Moderate: associated deposit
CBR-OS-31d	None	None	Fence and avoid	Watercourse	Moderate	Moderate: associated deposit
CBR-OS-31e	Haul Road/Emplacement	Total loss	Collection	Valley floor	Low	Low: sparse assemblage
CBR-OS-32	None	None	Avoidance	Watercourse	Low	Low: sparse assemblage
CBR-OS-33a	Haul Road/Emplacement	Total loss	Collection	Valley floor	Low	Low: sparse assemblage
CBR-OS-33b	Haul Road/Emplacement	Total loss	Collection	Valley floor	Low	Low: sparse assemblage
CBR-OS-34a	Water pipeline	Partial disturbance	Collection	Valley floor	Moderate	Moderate significance: associated deposit and artefact
CBR-OS-34b	None	None	Fence and avoid	Valley floor	Low	Low: sparse assemblage
CBR-OS-35	None	None	Fence and avoid	Valley floor	Moderate	Moderate scientific: associated deposit and artefact
CBR-OS-36	Water pipeline	Partial disturbance	Collection	Watercourse	Low	Low: sparse assemblage
CBR-OS-37a	None	None	Avoidance	Valley floor	Low	Low: sparse assemblage
CBR-OS-37b	None	None	Avoidance	Valley floor	Low	Low: sparse assemblage
CBR-OS-37c	None	None	Avoidance	Valley floor	Low	Low: sparse assemblage
CBR-OS-38a	Raw water dam	Total loss	Collection	Watercourse	Low	Low: sparse assemblage
CBR-OS-38b	Raw water dam	Total loss	Collection	Watercourse	Low	Low: sparse assemblage
CBR-OS-39a	Raw water dam	Total loss	Collection	Watercourse	Low	Low: sparse assemblage
CBR-OS-39b	Raw water dam	Total loss	Collection	Watercourse	Low	Low: sparse assemblage
CBR-OS-39c	Raw water dam	Total loss	Collection	Watercourse	Low	Low: sparse assemblage
CBR-OS-40	Raw water dam	Total loss	Collection	Undulating ground	Low	Low: sparse assemblage
CBR-OS-41	Raw water dam	Total loss	Collection	Watercourse	Low	Low: sparse assemblage
CBR-OS-42	None	None	Avoidance	Watercourse	Low	Low: sparse assemblage
CBR-OS-43	Rail spur	Partial loss	Collection	Watercourse	Moderate	Moderate: eroding knapping floors
CBR-OS-44a	Rail spur	Partial loss	Collection	Watercourse	Moderate	Moderate: eroding knapping floors
CBR-OS-44b	None	None	Avoidance	Watercourse	Low	Low: sparse assemblage
CBR-OS-45	Transmission lines	Partial disturbance	Collection	Undulating ground	Low	Low: sparse assemblage
CBR-OS-46a	Rail spur	Total loss	Collection	Undulating ground	Low	Low: sparse assemblage
CBR-OS-46b	Rail spur	Total loss	Collection	Watercourse	Low	Low: sparse assemblage
CBR-OS-47a	None	None	Fence and avoid	Valley floor	Moderate	Moderate scientific: associated deposit and artefact
CBR-OS-47b	None	None	Avoidance	Valley floor	Moderate	Moderate scientific: associated deposit and artefact
CBR-OS-48	None	None	Avoidance	Undulating ground	Low	Low: sparse assemblage
CBR-OS-49	Rail spur	Partial loss	Collection	Undulating ground	Low	Low: disturbed
CBR-RSH-01	Mining Area A	Total loss	Salvage excavation	Rocky slope	Moderate	Moderate: associated deposit
DR-ST2	None	None	Avoidance	Valley floor	Moderate	Moderate
DR-ST3	None	None	Avoidance	Valley floor	Moderate	Moderate
DR-ST4	None	None	Avoidance	Valley floor	Moderate	Moderate
DR-ST5	None	None	Avoidance	Valley floor	Moderate	Moderate
DTG/OC21 - Medway 2	None	None	Avoidance	Watercourse	Moderate	Moderate
DTG/OC22 - Sandy Creek	None	None	Avoidance	Watercourse	Moderate	Moderate
Fords Creek;Cobbora;	None	None	Avoidance	Watercourse	Moderate	Moderate
Grinding Groove 01	None	None	Fence and avoid	Watercourse	Moderate	Low: sparse elements
Grinding Groove 02	None	None	Fence and avoid	Watercourse	Moderate	Low: sparse elements
Grinding Groove 03	None	None	Fence and avoid	Watercourse	Moderate	Low: sparse elements
Grinding Groove 04	None	None	Avoidance	Watercourse	Moderate	High: representative, large number grooves
Grinding Groove 05	None	None	Fence and avoid	Watercourse	Moderate	High: representative, large number grooves: continuing
Grinding Groove 06	None	None	Avoidance	Watercourse	Moderate	Moderate: Eroded - numerous in variable condition
Grinding Groove 07	None	None	Avoidance	Watercourse	Moderate	Low: sparse elements
Grinding Groove 08	None	None	Fence and avoid	Watercourse	High	High: representative, large number of grooves on surface
Grinding Groove 09	None	None	Avoidance	Watercourse	Moderate	Low: sparse elements
Grinding Groove 10	None	None	Avoidance	Watercourse	Low	Low: common

Site name	Development	Impact level	Management	Landform class	Significance level	Scientific significance
Grinding Groove 11	None	None	Avoidance	Watercourse	Moderate	Low: sparse elements
Grinding Groove 12	None	None	Avoidance	Watercourse	Moderate	Low: sparse elements
Grinding Groove 13	None	None	Avoidance	Watercourse	Moderate	Low: sparse elements
Grinding Groove 14	None	None	Fence and avoid	Watercourse	High	High: representative
Grinding Groove 15	None	None	Fence and avoid	Watercourse	Low	Low: sparse elements
Grinding Groove 16	None	None	Avoidance	Undulating ground	Low	Low: uncertain origin
Hearth 01	None	None	Avoidance	Watercourse	Moderate	Moderate: research dating potential
Hearth 02	None	None	Avoidance	Watercourse	Moderate	Moderate: research dating potential
Hearth 03	None	None	Avoidance	Watercourse	Moderate	Moderate: research dating potential
Hearth 04	Mining Area A	Total loss	Salvage excavation	Watercourse	Moderate	Moderate: research dating potential
Hearth 05	Mining Area A	Total loss	Salvage excavation	Watercourse	Moderate	Moderate: research dating potential
Hearth 06	None	None	Avoidance	Watercourse	Moderate	Moderate: research dating potential
Hearth 07	None	None	Avoidance	Watercourse	Moderate	Moderate: research dating potential
Hearth 08	None	None	Avoidance	Watercourse	Moderate	Moderate: research dating potential
Hearth 09	None	None	Avoidance	Watercourse	Moderate	Moderate: research dating potential
Hearth 10	None	None	Fence and avoid	Watercourse	Moderate	Moderate: research dating potential
Hearth 11	None	None	Fence and avoid	Watercourse	Moderate	Moderate: research dating potential
Hearth 12	None	None	Fence and avoid	Watercourse	Moderate	Moderate: research dating potential
Hearth 13	None	None	Avoidance	Watercourse	Moderate	Moderate: research dating potential
Hearth 14	None	None	Avoidance	Watercourse	Moderate	Moderate: research dating potential
Hearth 15	None	None	Avoidance	Watercourse	Moderate	Moderate: research dating potential
IF 01-Glass Flake	None	None	Fence and avoid	Watercourse	Low	Low: uncertain if artefact
IF 02-Brown Silcrete Core	None	None	Fence and avoid	Watercourse	Low	Low: common type
IF 03-Pounding Stone	None	None	Fence and avoid	Watercourse	Low	Low: common type
IF 05-Ground Edge Axe	None	None	Avoidance	Watercourse	High	High: rare type
IF 06-Grinding Bowl	None	None	Avoidance	Watercourse	Low	Low: uncertain if artefact
IF 07-Hammer Stone	None	None	Fence and avoid	Watercourse	Low	Low: common type
IF 08-Anvil	None	None	Avoidance	Watercourse	Low	Low: common type
IF 09-Grinding Bowl	None	None	Avoidance	Watercourse	High	High: rare type
IF 10- Grinding Bowl	None	None	Avoidance	Undulating ground	High	High: rare type
IF 11-Grinding Bowl	None	None	Avoidance	Undulating ground	Low	Low: uncertain if artefact
IF 12-Small Hammer Stone	None	None	Fence and avoid	Valley floor	Low	Low: common type
IF 14	None	None	Avoidance	Undulating ground	Low	Low: common type
IF 15	None	None	Collect and set aside	Undulating ground	Low	Low: common type
IF 16	None	None	Collect and set aside	Undulating ground	Low	Low: common type
IF 17	Water pipeline	Total disturbance	Collect and set aside	Watercourse	Low	Low: common type
IF 18	None	None	Avoidance	Watercourse	Low	Low: common type
IF 04-Knife Sharpening Stone	None	None	Avoidance	Watercourse	Low	Low: uncertain if artefact
SAC 01	None	None	Avoidance	Watercourse	Moderate	Moderate: rare assemblage element
SAC 02	None	None	Avoidance	Watercourse	Low	Low: common type; sparse assemblage
SAC 03	None	None	Avoidance	Watercourse	Low	Low: common type; sparse assemblage
SAC 04	None	None	Avoidance	Watercourse	Low	Low: common type; sparse assemblage
SAC 05	None	None	Avoidance	Watercourse	Low	Low: common type; sparse assemblage
SAC 06	None	None	Avoidance	Watercourse	High	High: rare element
SAC 07	None	None	Avoidance	Watercourse	Moderate	Moderate: hearth; research potential
SAC 08	None	None	Fence and avoid	Watercourse	Low	Low: highly disturbed
SAC 09	None	None	Avoidance	Watercourse	Moderate	Moderate: rare assemblage element
SAC 10	None	None	Avoidance	Watercourse	Low	Low: common type; sparse assemblage
SAC 11	Mining Area A	Total loss	Collection	Watercourse	Low	Low: disturbed; sparse assemblage
SAC 12	Mining Area A	Partial loss	Collection	Watercourse	Moderate	Moderate: extensive site
SAC 13	Mining Area A	Partial loss	Collection	Watercourse	Low	Low: disturbed; sparse assemblage
SAC 14	None	None	Fence and avoid	Watercourse	Low	Low: common type; sparse assemblage
SAC 15	None	None	Fence and avoid	Undulating ground	Low	Low: common type; sparse assemblage
SAC 16	None	None	Fence and avoid	Watercourse	Low	Low: common type; sparse assemblage

Site name	Development	Impact level	Management	Landform class	Significance level	Scientific significance
SAC 17	None	None	Avoidance	Watercourse	Low	Low: common type
SAC 18	None	None	Avoidance	Watercourse	High	High: research potential; hearths
SAC 19	None	None	Avoidance	Watercourse	Low	Low: common type; sparse assemblage
SAC 20	None	None	Fence and avoid	Watercourse	Low	Low: common type; sparse assemblage
SAC 21	None	None	Fence and avoid	Watercourse	Low	Low: common type; sparse assemblage
SAC 22	None	None	Fence and avoid	Watercourse	High	High: size and representativeness
SAC 23	None	None	Fence and avoid	Watercourse	High	High: size and representativeness
SAC 24	Infrastructure	Total loss	Salvage excavation	Watercourse	Moderate	Moderate: associated deposit and artefacts
SAC 25	Infrastructure	Total loss	Collection	Watercourse	Moderate	Moderate: associated deposit and artefacts
SAC 26	None	None	Fence and avoid	Watercourse	Low	Low: common type; sparse assemblage
SAC 27	None	None	Fence and avoid	Watercourse	Low	Low: common type; sparse assemblage
SAC 28	Road diversion	Partial loss	Collection	Watercourse	Moderate	Moderate: associated deposit
SAC 29	None	None	Fence and avoid	Watercourse	Moderate	Moderate: associated deposit
SAC 30	None	None	Avoidance	Watercourse	Low	Low: common type; sparse assemblage
SAC 31	None	None	Avoidance	Watercourse	High	High: size; associated deposit and artefacts
SAC 32	None	None	Avoidance	Watercourse	Moderate	Moderate: associated deposit and artefacts
SAC 33	None	None	Avoidance	Watercourse	Moderate	Moderate: associated deposit and artefacts
SAC 34	None	None	Avoidance	Watercourse	High	High; associated deposit; large representative assemblage
SAC 35	None	None	Fence and avoid	Watercourse	Low	Low: common type; sparse assemblage
SAC 36	Road diversion	Partial loss	Collection	Watercourse	Moderate	Moderate: associated deposit
SAC 37	Mining Area B	Partial loss	Collection	Watercourse	Low	Low: common type; sparse assemblage
SAC 38	None	None	Fence and avoid	Watercourse	Low	Low: common type; sparse assemblage
SAC 39	None	None	Avoidance	Undulating ground	Low	Low: common type; sparse assemblage
SAC 40	None	None	Avoidance	Undulating ground	Low	Low: common type; sparse assemblage
SAC 41	Water pipeline	Partial disturbance	Collect and set aside	Undulating ground	Low	Low: common type; sparse assemblage
SAC 42	Water pipeline	Partial disturbance	Collect and set aside	Undulating ground	Moderate	Moderate: rare assemblage element
SAC 43	Water pipeline	Partial disturbance	Collect and set aside	Undulating ground	Low	Low: common type; sparse assemblage
SAC 44	Water pipeline	Partial disturbance	Collect and set aside	Undulating ground	Low	Low: common type; sparse assemblage
SAC 45	Water pipeline	Partial disturbance	Collect and set aside	Undulating ground	Low	Low: common type; sparse assemblage
SAC 46	Water pipeline	Partial disturbance	Collect and set aside	Undulating ground	Moderate	Moderate: representative grey volcanic assemblage
SAC 47	Water pipeline	Partial disturbance	Collect and set aside	Undulating ground	Low	Low: common type; sparse assemblage
SAC 48	Water pipeline	Partial disturbance	Collect and set aside	Undulating ground	Low	Low: common type; sparse assemblage
SAC 59	None	None	Avoidance	Watercourse	Low	Low: common type; sparse assemblage
SAC 60	None	None	Avoidance	Watercourse	Low	Low: common type; sparse assemblage
SAC 61	None	None	Avoidance	Watercourse	Low	Low: common type; sparse assemblage
SAC 62	None	None	Avoidance	Watercourse	Low	Low: common type; sparse assemblage
SAC 63	None	None	Avoidance	Watercourse	Low	Low: common type; sparse assemblage
Sandy Creek;Cobbora;	None	None	Avoidance	Watercourse	Moderate	Moderate
Shelter 01	None	None	Avoidance	Rocky slope	Low	Low: improbable occupation area
Shelter 02	None	None	Fence and avoid	Rocky slope	Moderate	Moderate: possible PAD
Shelter 03	None	None	Avoidance	Rocky slope	Moderate	Moderate: possible PAD
Shelter 04	None	None	Avoidance	Rocky slope	Moderate	Moderate: possible PAD
Shelter 05	None	None	Avoidance	Rocky slope	Moderate	Moderate: possible PAD
Shelter 08	None	None	Avoidance	Rocky slope	Moderate	Moderate: possible PAD
The Gap;Cobbora;	None	None	Avoidance	Undulating ground	Moderate	Moderate
The Gap;Cobbora;	None	None	Avoidance	Undulating ground	Moderate	Moderate
TRE 01	None	None	Avoidance	Valley floor	Low	Low: stump only
TRE 02	None	None	Avoidance	Ridge top	Low	Low: stump only
TRE 03	None	None	Avoidance	Watercourse	Low	Low: dead & obscured
TRE 04	None	None	Avoidance	Watercourse	Moderate	Moderate: possible Aboriginal scar
TRE 05	None	None	Avoidance	Watercourse	Moderate	Moderate: possible Aboriginal scar
TRE 06	None	None	Avoidance	Watercourse	Low	Low: asymmetrical damage scar
TRE 07	None	None	Fence and avoid	Valley floor	Moderate	Moderate: possible Aboriginal scar
TRE 08	None	None	Fence and avoid	Valley floor	Moderate	Low: possible Aboriginal scar

Site name	Development	Impact level	Management	Landform class	Significance level	Scientific significance
TRE 09	None	None	Fence and avoid	Valley floor	Moderate	Moderate: possible Aboriginal scar
TRE 10	None	None	Fence and avoid	Watercourse	Low	Low: asymmetrical damage scar
TRE 11	None	None	Fence and avoid	Valley floor	Low	Low: dead asymmetrical scar
TRE 12	None	None	Fence and avoid	Valley floor	Low	Low: possible Aboriginal scar
TRE 13	None	None	Avoidance	Watercourse	Moderate	Moderate: probable Aboriginal scar
TRE 14	None	None	Fence and avoid	Watercourse	Low	Low: possible Aboriginal scar
TRE 15	None	None	Fence and avoid	Watercourse	Low	Low: asymmetrical damage scar
TRE 16	None	None	Fence and avoid	Watercourse	Low	Low: possible Aboriginal scar
TRE 17	None	None	Fence and avoid	Watercourse	Low	Low: possible Aboriginal scar
TRE 18	None	None	Avoidance	Watercourse	Moderate	Moderate: possible Aboriginal scar
TRE 19	None	None	Avoidance	Watercourse	Moderate	Moderate: possible Aboriginal scar
TRE 20	None	None	Avoidance	Watercourse	Low	Low: asymmetrical damage scar
YBCR-OS2 with PAD	None	None	Avoidance	Watercourse	Moderate	Moderate

Appendix D

Aboriginal site management summary

Aboriginal heritage assessment - Appendix D - Aboriginal site management summary

Management	Site name	MGA Easting (Removed)	MGA Northing (Removed)
Fence and avoid (46 sites)	CBR-GG-01		
	CBR-OS-17		
	CBR-OS-18a		
	CBR-OS-31d		
	CBR-OS-34b		
	CBR-OS-35		
	CBR-OS-47a		
	Grinding Groove 01		
	Grinding Groove 02		
	Grinding Groove 03		
	Grinding Groove 05		
	Grinding Groove 08		
	Grinding Groove 14		
	Grinding Groove 15		
	Hearth 10		
	Hearth 11		
	Hearth 12		
	IF 01		
	IF 02		
	IF 03		
	IF 07		
	IF 12		
	SAC 08		
	SAC 14		
	SAC 15		
	SAC 16		
	SAC 20		
	SAC 21		
	SAC 22		
	SAC 23		
	SAC 26		
	SAC 27		
	SAC 29		
	SAC 35		
	SAC 38		
	Shelter 02		
	TRE 07		
	TRE 08		

Management	Site name	MGA Easting (Removed)	MGA Northing (Removed)
	TRE 09		
Fence and avoid	TRE 10		
	TRE 11		
	TRE 12		
	TRE 14		
	TRE 15		
	TRE 16		
	TRE 17		
Salvage excavation (5 sites)	CBR-OS-12		
	CBR-RSH-01		
	Hearth 04		
	Hearth 05		
	SAC 24		
Salvage and relocate (1 site)	CBR-GG-02		
Collection (58 sites)	CBR-IF-02		
	CBR-IF-03		
	CBR-IF-04		
	CBR-IF-05		
	CBR-IF-06		
	CBR-IF-07		
	CBR-OS-01		
	CBR-OS-02		
	CBR-OS-03		
	CBR-OS-04		
	CBR-OS-05a		
	CBR-OS-05b		
	CBR-OS-06		
	CBR-OS-07		
	CBR-OS-08		
	CBR-OS-09		
	CBR-OS-10		
	CBR-OS-11		
	CBR-OS-11a		
	CBR-OS-13a		
	CBR-OS-13b		
	CBR-OS-14		
	CBR-OS-15		
	CBR-OS-19		
	CBR-OS-20		

Management	Site name	MGA Easting (Removed)	MGA Northing (Removed)
Collection	CBR-OS-21		
	CBR-OS-29a		
	CBR-OS-29c		
	CBR-OS-29I		
	CBR-OS-30		
	CBR-OS-31a		
	CBR-OS-31b		
	CBR-OS-31c		
	CBR-OS-31e		
	CBR-OS-33a		
	CBR-OS-33b		
	CBR-OS-34a		
	CBR-OS-36		
	CBR-OS-38a		
	CBR-OS-38b		
	CBR-OS-39a		
	CBR-OS-39b		
	CBR-OS-39c		
	CBR-OS-40		
	CBR-OS-41		
	CBR-OS-43		
	CBR-OS-44a		
	CBR-OS-45		
	CBR-OS-46a		
	CBR-OS-46b		
	CBR-OS-49		
	SAC 11		
	SAC 12		
	SAC 13		
	SAC 25		
	SAC 28		
	SAC 36		
	SAC 37		
Collect and set aside (15 sites)	CBR-OS-22		
	CBR-OS-23		
	CBR-OS-24		
	CBR-OS-25		
	IF 15		
	IF 16		
	IF 17		

Management	Site name	MGA Easting (Removed)	MGA Northing (Removed)
Collect and set aside	SAC 41		
	SAC 42		
	SAC 43		
	SAC 44		
	SAC 45		
	SAC 46		
	SAC 47		
	SAC 48		
Avoidance and passive management (104 sites)	BBS Dubbo LALC Spring Ridge Rd		
	BBS Dubbo LALC Travelling Stock Route		
	BBS; Dubbo LALC; Road Reserve 2		
	CBR-IF-01		
	CBR-IF-06		
	CBR-IF-08		
	CBR-OS-16		
	CBR-OS-18		
	CBR-OS-18b		
	CBR-OS-29b		
	CBR-OS-29d		
	CBR-OS-29e		
	CBR-OS-29f		
	CBR-OS-29g		
	CBR-OS-29h		
	CBR-OS-29i		
	CBR-OS-29j		
	CBR-OS-29k		
	CBR-OS-32		
	CBR-OS-37a		
	CBR-OS-37b		
	CBR-OS-37c		
	CBR-OS-42		
	CBR-OS-44b		
	CBR-OS-47b		
	CBR-OS-48		
	DR-ST2		
	DR-ST3		
	DR-ST4		
	DR-ST5		

Management	Site name	MGA Easting (Removed)	MGA Northing (Removed)
Avoidance and passive management	DTG/OC21 - Medway 2	705046	6442753
	DTG/OC22 - Sandy Creek		
	Fords Creek;Cobbora;		
	Grinding Groove 04		
	Grinding Groove 06		
	Grinding Groove 07		
	Grinding Groove 09		
	Grinding Groove 10		
	Grinding Groove 11		
	Grinding Groove 12		
	Grinding Groove 13		
	Grinding Groove 16		
	Hearth 01		
	Hearth 02		
	Hearth 03		
	Hearth 06		
	Hearth 07		
	Hearth 08		
	Hearth 09		
	Hearth 13		
	Hearth 14		
	Hearth 15		
	IF 05		
	IF 06		
	IF 08-Anvil		
	IF 09		
	IF 10		
	IF 11		
	IF 14		
	IF 18		
	IF 04		
	SAC 01		
	SAC 02		
	SAC 03		
	SAC 04		
	SAC 05		
	SAC 06		
	SAC 07		
	SAC 09		

Management	Site name	MGA Easting (Removed)	MGA Northing (Removed)
Avoidance and passive management	SAC 10		
	SAC 17		
	SAC 18		
	SAC 19		
	SAC 30		
	SAC 31		
	SAC 32		
	SAC 33		
	SAC 34		
	SAC 39		
	SAC 40		
	SAC 59		
	SAC 60		
	SAC 61		
	SAC 62		
	SAC 63		
	Sandy Creek; Cobbora;		
	Shelter 01		
	Shelter 03		
	Shelter 04		
	Shelter 05		
	Shelter 08		
	The Gap; Cobbora (<i>sic</i>);		
	The Gap; Cobbora;		
	TRE 01		
	TRE 02		
	TRE 03		
	TRE 04		
	TRE 05		
	TRE 06		
	TRE 13		
	TRE 18		
	TRE 19		
	TRE 20		
	YBCR-OS2 with PAD		