

APPENDIX 5.

PLATES¹

¹ Refer also to photographs associated with site recordings in Appendix 4.



Plate 1: Wilpinjong Creek and Survey Area A19 in northern portion of Area A.



Plate 2: Northern portion of Area A, including Survey Area A32 (gentle simple slope).



Plate 3: View west and north-west of mid-portion of Area A, including Survey Areas A72 and A85 (gentle simple slope).



Plate 4: Ridge crest (Survey Area A128) in southern portion of Area A.



Plate 5: View south-east of Area B across Survey Area B10 (gentle simple slope) to B14 (moderate simple slope) and location of Kayandel salvage excavation at site WCP216.



Plate 6: View south of Area B, including Survey Areas B17 (steep simple slope), B14 (moderate simple slope), B15 (level - very gentle simple slope), B16 (gentle drainage depression), B13 (gentle simple slope) and B24 (steep simple slope).



Plate 7: View west of western portion of Area B, including Survey Areas B16 (gentle drainage depression), B13 (gentle simple slope), B9 (gentle drainage depression), B23 (gentle simple slope) and B8 (steep simple slope).



Plate 8: View north of Southern portion of Area B, including Survey Areas B15 (level - very gentle simple slope) and B16 (gentle drainage depression).



Plate 9: View south of northern portion of Area C, including Survey Areas C17 (level - very gentle drainage depression) and C18 (gentle simple slope).



Plate 10: View west from Survey Area C29 over southern portion of Area C, including Survey Areas C38 (level - very gentle simple slope) and C41 (steep simple slope).



Plate 11: View south-west of Area D over Survey Area D9 (gentle simple slope) to D8 (moderate simple slope).



Plate 12: View south-east of Area D over Survey Area D9 (gentle simple slope).



Plate 13: View north-east across Area E and Survey Areas (from left) E7 (steep simple slope), E6 (gentle drainage depression), E3 (gentle simple slope) and E2 (steep simple slope).



Plate 14: View of Survey Area F2 (Cumbo Creek) in transmission line corridor.



Plate 15: View north-west across Area F and Survey Areas F26 (gentle simple slope), F24 (level - very gentle valley flat of Cumbo Creek), F23 (steep simple slope), F22 (gentle bench) and F21 (steep simple slope) to F6-9.



Plate 16: View south-west across Area F and Survey Areas F41 (level - very gentle valley flat), F42 (moderate simple slope) and F43 (gentle spur crest).



Plate 17: View north across northern portion of Slate Gully (Area G) and Survey Areas G122 (gentle spur crest), G116 (gentle drainage depression), G115 (gentle spur crest) and G60 (gentle simple slope).



Plate 18: Large prominent 95 x 95 metre steep rocky hill in valley floor of Slate Gully (Survey Area G136) with several rock shelter sites (WCP578 visible), ochre quarry and waterhole/well.



Plate 19: View north across northern portion of Slate Gully (Area G) from prominent rocky hill at MGA reference 775600:6417650.



Plate 20: View north-west across southern portion of Slate Gully (Area G) and Survey Areas G195 (steep simple slope), G190 (gentle simple slope), G176 (gentle simple slope) and G131 (steep simple slope).



Plate 21: View north-west across southern portion of Slate Gully (Area G) and Survey Areas G183 (gentle simple slope) and G161 (gentle spur crest).



Plate 22: View north of Area H and Survey Areas H3 (foreground - gentle simple slope) to H2 (Wilpinjong Creek) and H1 (level - very gentle terrace), areas of high potential for sub-surface deposits.

APPENDIX 6.

ABORIGINAL COMMUNITY CONSULTATION

Consultation Database:

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
18/10/12	Manager	Hunter - Central Rivers Catchment Management Authority	Letter	Jamie Lees	WCPL	Request to notify of Aboriginal stakeholders/register interest as per OEH 2010 policy by 6 November 2012.
18/10/12	General Manager	Mid-Western Regional Council	Letter	Jamie Lees	WCPL	Request to notify of Aboriginal stakeholders/register interest as per OEH 2010 policy by 6 November 2012.
18/10/12	CEO	Mudgee LALC	Letter	Jamie Lees	WCPL	Request to notify of Aboriginal stakeholders/register interest as per OEH 2010 policy by 6 November 2012.
18/10/12	North Branch	OEH	Letter	Jamie Lees	WCPL	Request to notify of Aboriginal stakeholders/register interest as per OEH 2010 policy by 6 November 2012.
18/10/12	The Registrar	Office of the Registrar, Aboriginal Land Rights Act	Letter	Jamie Lees	WCPL	Request to notify of Aboriginal stakeholders/register interest as per OEH 2010 policy by 6 November 2012.
18/10/12	Manager	National Native Title Tribunal	Letter	Jamie Lees	WCPL	Request to notify of Aboriginal stakeholders/register interest as per OEH 2010 policy by 6 November 2012.
18/10/12	Manager	Native Title Services Corporation Ltd	Letter	Jamie Lees	WCPL	Request to notify of Aboriginal stakeholders/register interest as per OEH 2010 policy by 6 November 2012.
22/10/12	Jamie Lees	WCPL	Letter	Shannon Williams	Office of the Registrar, Aboriginal Land Rights Act	Responded to WCPL's request of 18/10/12 by advising that there are no Registered Aboriginal Owners for this area but that the Mudgee and Wanaruah LALCs should be contacted.
26/10/12	Jamie Lees	WCPL	Letter	Cassie Robinson	Mid-Western Regional Council	Responded to WCPL's request of 18/10/12 by advising that seven LALCs are within the Council boundaries and another 15 organisations should be contacted.
26/10/12	Jamie Lees	WCPL	Letter	Paul Houston	OEH	Responded to WCPL's request of 18/10/12 by advising that 21 Aboriginal organisations/individuals should be contacted.
29/10/12	Jamie Lees	WCPL	Letter	Peter Schultz	NTS Corp	Responded to WCPL's request of 18/10/12 by advising that privacy restrictions prevent provision of any details but the letter has been forwarded to relevant individuals/ organisations with a request to register an interest as soon as possible.
30/10/12	Jamie Lees	WCPL	Letter via email	Nakari Thorpe	National Native Title Tribunal	Responded to WCPL's request of 18/10/12 by advising that there is one Registered Native Title Claim within the search area, NC09/4 of the Wellington Valley Wiradjuri People.
6/11/12	Jamie Lees	WCPL	Telephone	Brad Bliss	WVWAC	Verbally registered an interest in the project. Jamie clarified Brad's misunderstanding that this was in relation to a Native Title notification for a Mining Lease application.

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
7/11/12	Manager	Mudgee LALC	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Manager	Bathurst LALC	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Manager	Wanaruah LALC	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Manager	Orange LALC	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Manager	Wellington LALC	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Manager	Dubbo LALC	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Manager	Gilgandra LALC	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Larry and Debbie Foley	MGATSIC	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Brad Bliss	WVWAC	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Wendy Lewis	Warrabinga	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
7/11/12	Robert Clegg	Wiradjuri Council of Elders	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Darlina Verrills	-	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Manager	Dhuuluu-Yala Aboriginal Corporation	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Bill Allen	-	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Neville Williams	Mooka	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Lyn Syme	NEWCO	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	David Maynard	-	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Jean Thornton	-	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Brian Grant	Wiradjuri Traditional Owners Central West Aboriginal Corporation	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Helen Riley	Mingaan Aboriginal Corporation	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
7/11/12	Dorothy Stewart	Binjang Wellington Wiradjuri Heritage Survey	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Paul Brydon	-	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Trevor Robinson	-	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Manager	Wiradjuri Interim Working Party	Letter	Jamie Lees	WCPL	Official request to notify of Aboriginal stakeholders/ register interest as per OEH policy, following from OEH response of 26/10/12 and/or Mid-Western Regional Council's response of 26/10/12.
7/11/12	Jamie Lees	WCPL	Telephone	Debbie Foley	MGATSIC	Verbally registered an interest in the project.
9/11/12	General Public	-	Advertisement	Jamie Lees	WCPL	Advertisement placed in Public Notices section of the Mudgee Guardian calling for interested Aboriginal persons/groups to register an interest in the project as per OEH 2010 policy by 23 November 2012.
10/11/12	Jamie Lees	WCPL	Letter via email	Brad Bliss	WVWAC	Confirmed registration of interest in the project. Requested details not passed on to OEH/LALC.
13/11/12	Jamie Lees	WCPL	Email	Paul Brydon	-	Registered an interest in the project.
14/11/12	Josh Peters	Resource Strategies	Email	Nakari Thorpe	National Native Title Tribunal	Provided additional information relating to Native Title claims.
19/11/12	Jamie Lees	WCPL	Email	Noel Downs	Wanaruah LALC	Registered an interest in the project, notwithstanding that the project area is within the Mudgee LALC boundaries. Provided a list of stakeholders for within the Wanaruah LALC boundary.
21/11/12	Jamie Lees	WCPL	Email	Dorothy Stewart	Binjang Wellington Wiradjuri Heritage Survey	Registered an interest in the project.
23/11/12	Jamie Lees	WCPL	Email	Lyn Syme	NEWCO	Registered an interest in the project.
23/11/12	Jamie Lees	WCPL	Email	Tony Lonsdale	Mudgee LALC	Registered an interest in the project.
23/11/12	Jamie Lees	WCPL	Email	Robyn Williams	Warrabinga	Registered an interest in the project.
29/11/12	Noel Downs	Wanaruah LALC	Email	Peter Kuskie	SEA	Sought clarification of Wanaruah LALC's registration of interest given that the project area is located wholly within the Mudgee LALC boundaries.

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
29/11/12	Peter Kuskie	SEA	Email	Noel Downs	Wanaruah LALC	Wanaruah LALC responded that they are still interested in receiving reports.
30/11/12	Noel Downs	Wanaruah LALC	Email	Peter Kuskie	SEA	Confirmed that Wanaruah LALC will receive copies of reports.
4/12/12	Tony Lonsdale	Mudgee LALC	Letter	Jamie Lees	WCPL	Notification of registrations and correspondence as per Section 4.1.6 of the OEH policy.
4/12/12	North Branch	OEH	Letter	Jamie Lees	WCPL	Notification of registrations and correspondence as per Section 4.1.6 of the OEH policy.
26/9/13	Jamie Lees	WCPL	Letter	Kathie Steward-Kinchela	Yinarr Cultural Services	Sought to register an interest in the Project long after the closing date for registrations of interest.
18/10/13	Debbie Foley and Larry Foley	MGATSIC	Letter	Jamie Lees	WCPL	Official notification of and request for comment by 19 November 2013 on proposed investigation methodology as per OEH policy and information about OH&S requirements and field investigation dates. Invitation to attend meeting on 11 November 2013 to discuss project and methodology.
18/10/13	Brad Bliss	WVWAC	Letter	Jamie Lees	WCPL	Official notification of and request for comment by 19 November 2013 on proposed investigation methodology as per OEH policy and information about OH&S requirements and field investigation dates. Invitation to attend meeting on 11 November 2013 to discuss project and methodology.
18/10/13	Robyn Williams	Warrabinga	Letter	Jamie Lees	WCPL	Official notification of and request for comment by 19 November 2013 on proposed investigation methodology as per OEH policy and information about OH&S requirements and field investigation dates. Invitation to attend meeting on 11 November 2013 to discuss project and methodology.
18/10/13	Lyn Syme	NEWCO	Letter	Jamie Lees	WCPL	Official notification of and request for comment by 19 November 2013 on proposed investigation methodology as per OEH policy and information about OH&S requirements and field investigation dates. Invitation to attend meeting on 11 November 2013 to discuss project and methodology.
18/10/13	Dorothy Stewart	Binjang Wellington Wiradjuri Heritage Survey	Letter	Jamie Lees	WCPL	Official notification of and request for comment by 19 November 2013 on proposed investigation methodology as per OEH policy and information about OH&S requirements and field investigation dates. Invitation to attend meeting on 11 November 2013 to discuss project and methodology.

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
18/10/13	Paul Brydon	-	Letter	Jamie Lees	WCPL	Official notification of and request for comment by 19 November 2013 on proposed investigation methodology as per OEH policy and information about OH&S requirements and field investigation dates. Invitation to attend meeting on 11 November 2013 to discuss project and methodology.
18/10/13	Tony Lonsdale	Mudgee LALC	Letter	Jamie Lees	WCPL	Official notification of and request for comment by 19 November 2013 on proposed investigation methodology as per OEH policy and information about OH&S requirements and field investigation dates. Invitation to attend meeting on 11 November 2013 to discuss project and methodology.
18/10/13	Noel Downs	Wanaruah LALC	Letter	Jamie Lees	WCPL	Official notification of and request for comment by 19 November 2013 on proposed investigation methodology as per OEH policy and information about OH&S requirements and field investigation dates. Invitation to attend meeting on 11 November 2013 to discuss project and methodology.
23/10/13	Kathie Steward-Kinchela	Yinarr Cultural Services	Letter	Jamie Lees	WCPL	Advised that registrations of interest closed on 23 November 2012. However, Yinarr was invited to join consultation process as additional interested stakeholder (not a 'registered party') and be provided with proposed methodology and draft heritage report for review if interested.
26/10/13	Jamie Lees	WCPL	Letter via email	Lyn Syme	NEWCO	Provided response to methodology - requested Project activities associated with existing MLA and those associated with Slate Gully be clearly separated out, with separate methodologies. Requested more informative mapping of proposed works.
30/10/13	Lyn Syme	NEWCO	Email	Jamie Lees	WCPL	Advised that methodology is the same for both areas identified by Lyn. Advised that information about the proposed works and any other queries can be addressed at the forthcoming meeting.
30/10/13	Dorothy Stewart	Binjang Wellington Wiradjuri Heritage Survey	Email	Jamie Lees	WCPL	Advised that relevant paperwork has not been received and needs to be provided for Binjang to be involved in any paid employment on field surveys.
4/11/13	Debbie Foley and Larry Foley	MGATSIC	Letter	Jamie Lees	WCPL	Advised of due diligence assessment of soil test pits and four drill sites on 12 and 13 November 2013 and offer for participation of representatives of registered parties.

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
4/11/13	Brad Bliss	WVWAC	Letter	Jamie Lees	WCPL	Advised of due diligence assessment of soil test pits and four drill sites on 12 and 13 November 2013 and offer for participation of representatives of registered parties.
4/11/13	Robyn Williams	Warrabinga	Letter	Jamie Lees	WCPL	Advised of due diligence assessment of soil test pits and four drill sites on 12 and 13 November 2013 and offer for participation of representatives of registered parties.
4/11/13	Lyn Syme	NEWCO	Letter	Jamie Lees	WCPL	Advised of due diligence assessment of soil test pits and four drill sites on 12 and 13 November 2013 and offer for participation of representatives of registered parties.
4/11/13	Dorothy Stewart	Binjang Wellington Wiradjuri Heritage Survey	Letter	Jamie Lees	WCPL	Advised of due diligence assessment of soil test pits and four drill sites on 12 and 13 November 2013 and offer for participation of representatives of registered parties.
4/11/13	Paul Brydon	-	Letter	Jamie Lees	WCPL	Advised of due diligence assessment of soil test pits and four drill sites on 12 and 13 November 2013 and offer for participation of representatives of registered parties.
4/11/13	Tony Lonsdale	Mudgee LALC	Letter	Jamie Lees	WCPL	Advised of due diligence assessment of soil test pits and four drill sites on 12 and 13 November 2013 and offer for participation of representatives of registered parties.
5/11/13	Jamie Lees	WCPL	Email	Tony Lonsdale	Mudgee LALC	Tony confirmed that Christine Maynard would attend meeting and soils due diligence survey.
5/11/13	Jamie Lees	WCPL	Email	Debbie Foley	MGATSIC	Debbie confirmed that Larry Foley would attend the meeting and Steven Flick the due diligence survey.
8/11/13	Jamie Lees	WCPL	Email	Brad Bliss	WVWAC	Brad confirmed that Robert Stewart would attend the due diligence survey.
11/11/13	Larry Foley Christine Maynard Lyn Syme Robyn Williams	MGATSIC Mudgee LALC NEWCO Warrabinga	Meeting	Peter Kuskie Jamie Lees Karin Fogarty Tania deLauney Josh Peters	SEA WCPL Resource Strategies	Meeting to present information about project and proposed methodology. No comments made on methodology. Christine Maynard expressed concern about survey occurring in multiple teams – Peter explained that a 1-2 day inspection of sites and the area would be offered to all parties after completion of the survey, and Christine was satisfied that this addressed the issue. Reconnaissance inspection made of mine site and portions of investigation area, particularly around Planters Creek and Slate Gully.
12/11/13	Shaen Morgan Stephen Flick	NEWCO MGATSIC	Fieldwork	Peter Kuskie, Jamie Lees	SEA WCPL	Field inspection for due diligence assessment of soil test pits and several drilling locations.

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
13/11/13	Christine Maynard Kelsey Williams-Fawcett Robert Stewart	Mudgee LALC Warrabinga WVWAC	Fieldwork	Peter Kuskie, Jamie Lees	SEA WCPL	Field inspection for due diligence assessment of soil test pits and several drilling locations.
15/11/13	Noel Downs	Wanaruah LALC	Email	Danielle Wallace	Resource Strategies	Provided a copy of the presentation given at the methodology/project information meeting of 11/11/13.
15/11/13	Dorothy Stewart	Binjang Wellington Wiradjuri Heritage Survey	Email	Danielle Wallace	Resource Strategies	Provided a copy of the presentation given at the methodology/project information meeting of 11/11/13.
15/11/13	Paul Brydon	-	Email	Danielle Wallace	Resource Strategies	Provided a copy of the presentation given at the methodology/project information meeting of 11/11/13.
15/11/13	Brad Bliss	WVWAC	Email	Danielle Wallace	Resource Strategies	Provided a copy of the presentation given at the methodology/project information meeting of 11/11/13.
19/11/13	Tony Lonsdale	Mudgee LALC	Telephone	Danielle Wallace	Resource Strategies	Discussed proposed methodology. Tony indicated that a response would be provided shortly.
19/11/13	Noel Downs	Wanaruah LALC	Telephone	Danielle Wallace	Resource Strategies	Discussed proposed methodology. Noel indicated that a response would be provided shortly.
19/11/13	Paul Brydon	-	Telephone	Danielle Wallace	Resource Strategies	Discussed proposed methodology. Paul stated that he was satisfied with the proposed methodology.
19/11/13	Debbie Foley	MGATSIC	Telephone	Danielle Wallace	Resource Strategies	Left message asking if any comments on proposed methodology.
19/11/13	Brad Bliss	WVWAC	Telephone	Danielle Wallace	Resource Strategies	Left message asking if any comments on proposed methodology.
19/11/13	Dorothy Stewart	Binjang Wellington Wiradjuri Heritage Survey	Telephone	Danielle Wallace	Resource Strategies	Discussed proposed methodology. Dorothy stated that she was satisfied with the proposed methodology.
19/11/13	Robyn Williams	Warrabinga	Telephone	Danielle Wallace	Resource Strategies	Asked if any comments on proposed methodology. Robyn requested an electronic copy and would provide comments shortly.
19/11/13	Robyn Williams	Warrabinga	Email	Danielle Wallace	Resource Strategies	Provided electronic copy of methodology as requested by Robyn.
19/11/13	Danielle Wallace	Resource Strategies	Email	Robyn Williams	Warrabinga	Robyn provided preliminary response to draft methodology, noting that a further response would be provided. Robyn advised that any excavations should go to at least clay and/or bedrock or coal, and that wet-sieving should be used.
19/11/13	Lyn Syme	NEWCO	Telephone	Danielle Wallace	Resource Strategies	Left message asking if any comments on proposed methodology.

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
19/11/13	Brad Bliss	WVWAC	Telephone, email	Danielle Wallace	Resource Strategies	Asked if any comments on proposed methodology. Brad stated that he had not received it. Danielle undertook to email electronic version and Brad advised that he would provided comments by Friday.
19/11/13	Danielle Wallace	Resource Strategies	Telephone	Brad Bliss	WVWAC	Brad confirmed email address, to which Danielle forwarded copy of methodology and noted that comments would be taken into consideration if possible, notwithstanding the closing date would be passed, however there would be many more opportunities for comment and input.
19/11/13	Danielle Wallace	Resource Strategies	Telephone	Debbie Foley	MGATSIC	Debbie advised that comments on proposed methodology had been posted on 18/11/13 and that MGATSIC was satisfied with the proposed methodology.
21/11/13	Paul Houston	OEH	Email	Josh Peters	Resource Strategies	Email confirming that the registered Aboriginal parties for the Extension Project are the same as for Modification 5 and provided a list of the RAPs, a copy of the public notice and a copy of the proposed methodology.
22/11/13	Danielle Wallace	Resource Strategies	Email	Brad Bliss	WVWAC	Brad requested an extension of the period to provide comments on the proposed methodology.
22/11/13	Brad Bliss	WVWAC	Email	Danielle Wallace	Resource Strategies	Danielle emailed Brad to advise that while as previously discussed the period for comment had closed, any comments would still be considered if possible.
24/11/13	Danielle Wallace	Resource Strategies	Email	Brad Bliss	WVWAC	Brad noted that earlier posted information was not received and requested future information be sent to a different mailing address and email address. Brad advised that WVWAC agrees with the proposed methodology.
25/11/13	Danielle Wallace	Resource Strategies	Email	Brad Bliss	WVWAC	Brad advised that the Wellington Valley Native Title Claim has been dismissed, but an additional claim may be lodged that may include Wilpinjong Mine. Brad confirmed that additional people would be inducted for the field surveys.
26/11/13	Robyn Williams	Warrabinga	Telephone	Jamie Lees	WCPL	Sought response to proposed methodology. Robyn advised that response would be provided as soon as possible, but very busy at moment.
26/11/13	Lyn Syme	NEWCO	Telephone	Jamie Lees	WCPL	Sought response to proposed methodology. Lyn advised that response would be provided as soon as possible, but very busy at moment.

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
8/12/13	Kathie Steward-Kinchela	Yinarr Cultural Services	Email	Jamie Lees	WCPL	Re-sent letter of 10 October 2013 advising that registrations of interest closed on 23 November 2012. However, Yinarr was invited to join consultation process as additional interested stakeholder (not a 'registered party') and be provided with proposed methodology and draft heritage report for review if interested, with a request for response by 13 December 2013.
13/12/13	Jamie Lees	WCPL	Email	Kathie Steward-Kinchela	Yinarr Cultural Services	Advised that Yinarr wished to be considered as an additional interested stakeholder, included in all work and sent copies of all reports.
16/12/13	Kathie Steward-Kinchela	Yinarr Cultural Services	Email	Jamie Lees	WCPL	Clarified ongoing role of Yinarr as an additional interested stakeholder (not a 'registered party').
19/12/13	Debbie Foley and Larry Foley	MGATSIC	Letter	Jamie Lees	WCPL	Invitation to attend field surveys for Extension project and provision of relevant information.
19/12/13	Brad Bliss	WVWAC	Letter	Jamie Lees	WCPL	Invitation to attend field surveys for Extension project and provision of relevant information.
19/12/13	Robyn Williams	Warrabinga	Letter	Jamie Lees	WCPL	Invitation to attend field surveys for Extension project and provision of relevant information.
19/12/13	Lyn Syme	NEWCO	Letter	Jamie Lees	WCPL	Invitation to attend field surveys for Extension project and provision of relevant information.
19/12/13	Dorothy Stewart	Binjang Wellington Wiradjuri Heritage Survey	Letter	Jamie Lees	WCPL	Invitation to attend field surveys for Extension project and provision of relevant information.
19/12/13	Paul Brydon	-	Letter	Jamie Lees	WCPL	Invitation to attend field surveys for Extension project and provision of relevant information.
19/12/13	Tony Lonsdale	Mudgee LALC	Letter	Jamie Lees	WCPL	Invitation to attend field surveys for Extension project and provision of relevant information.
23/12/13	Lyn Syme	NEWCO	Email	Jamie Lees	WCPL	Emailed Lyn to provide a digital copy of the field survey letters.
23/12/13	Brad Bliss	WVWAC	Email	Jamie Lees	WCPL	Emailed Brad to provide a digital copy of the field survey letters.
10/1/14	Jamie Lees	WCPL	Letter via email	Larry Foley	MGATSIC	Responded to invitation to attend survey confirming desire to be involved.
14/1/14	Jamie Lees	WCPL	Letter via email	Lyn Syme	NEWCO	Responded to invitation to attend survey confirming desire to be involved, but raising several administrative issues regarding the conditions of engagement.
14/1/14	Jamie Lees	WCPL	Letter via email	Brad Bliss	WVWAC	Responded to invitation to attend survey confirming desire to be involved.

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
21/1/14	Jamie Lees	WCPL	Letter via email	Larry Foley	MGATSIC	Responded to invitation to attend survey confirming desire to be involved, but raising several administrative issues regarding the conditions of engagement.
21/1/14	Debbie Foley and Larry Foley	MGATSIC	Email	Jamie Lees	WCPL	Provided copy of updated Pegasus pre-induction requirements.
21/1/14	Brad Bliss	WVWAC	Email	Jamie Lees	WCPL	Provided copy of updated Pegasus pre-induction requirements.
21/1/14	Robyn Williams	Warrabinga	Email	Jamie Lees	WCPL	Provided copy of updated Pegasus pre-induction requirements.
21/1/14	Lyn Syme	NEWCO	Email	Jamie Lees	WCPL	Provided copy of updated Pegasus pre-induction requirements.
21/1/14	Dorothy Stewart	Binjang Wellington Wiradjuri Heritage Survey	Email	Jamie Lees	WCPL	Provided copy of updated Pegasus pre-induction requirements.
21/1/14	Paul Brydon	-	Email	Jamie Lees	WCPL	Provided copy of updated Pegasus pre-induction requirements.
21/1/14	Tony Lonsdale	Mudgee LALC	Email	Jamie Lees	WCPL	Provided copy of updated Pegasus pre-induction requirements.
3/2/14	Jamie Lees	WCPL	Letter via email	Kristen Kerr	Warrabinga	Responded to invitation to attend survey confirming desire to be involved.
18/2/14	Debbie Foley and Larry Foley	MGATSIC	Letter	Jamie Lees	WCPL	Advised of survey fieldwork dates.
18/2/14	Brad Bliss	WVWAC	Letter	Jamie Lees	WCPL	Advised of survey fieldwork dates.
18/2/14	Robyn Williams	Warrabinga	Letter	Jamie Lees	WCPL	Advised of survey fieldwork dates.
18/2/14	Lyn Syme	NEWCO	Letter	Jamie Lees	WCPL	Advised of survey fieldwork dates.
18/2/14	Dorothy Stewart	Binjang Wellington Wiradjuri Heritage Survey	Letter	Jamie Lees	WCPL	Advised of survey fieldwork dates.
18/2/14	Paul Brydon	-	Letter	Jamie Lees	WCPL	Advised of survey fieldwork dates.
18/2/14	Tony Lonsdale	Mudgee LALC	Letter	Jamie Lees	WCPL	Advised of survey fieldwork dates.
19/02/14	Lyn Syme	NEWCO	Email	Jamie Lees	WCPL Pty Ltd	Emailed Lyn to provide a digital copy of the field survey dates letters.
19/02/14	Brad Bliss	WVWAC	Email	Jamie Lees	WCPL Pty Ltd	Emailed Brad to provide a digital copy of the field survey dates letters.
5/03/14	Tony Lonsdale	Mudgee LALC	Telephone	Danielle Wallace	Resource Strategies	Tony confirmed that a representative would be attending the surveys and that it would either be Troy Peterson or Christine Maynard. Tony noted that he would provide the paperwork.
5/03/14	Brad Bliss	WVWAC	Telephone	Danielle Wallace	Resource Strategies	Called at 8.39am to speak with Brad and confirm attendance at field surveys. Left a message for Brad to call back.
5/03/14	Robyn Williams	Warrabinga	Telephone	Danielle Wallace	Resource Strategies	Robyn confirmed that a representative would be attending the surveys and that she would send in the paperwork.

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
5/03/14	Danielle Wallace	Resource Strategies	Telephone	Brad Bliss	WVWAC	Brad confirmed that a representative would be attending the surveys. He noted that he would confirm the representative and send in the necessary paperwork.
5/03/14	Dorothy Stewart	Binjang Wellington Wirajduri Heritage Survey	Telephone	Danielle Wallace	Resource Strategies	Called to speak with Dorothy and confirm attendance at field surveys. Left a message for Dorothy to call back.
5/03/14	Paul Brydon	-	Telephone	Danielle Wallace	Resource Strategies	Paul advised that he would not be attending the surveys and passed on his apologies.
5/03/14	Dorothy Stewart	Binjang Wellington Wirajduri Heritage Survey	Telephone	Danielle Wallace	Resource Strategies	Dorothy confirmed that a representative would be attending the surveys and that she would send in the paperwork. She asked that an email be sent to her with induction dates. She confirmed her email address.
5/03/14	Lyn Syme	NEWCO	Telephone	Danielle Wallace	Resource Strategies	Lyn confirmed that a representative would be attending the surveys.
5/03/14	Jamie Lees	WCPL	Email	Robyn Williams	Warrabinga	Warrabinga provided a letter confirming their attendance at the field surveys.
5/03/14	Robyn Williams	Warrabinga	Telephone	Danielle Wallace	Resource Strategies	Called at 1.00pm and spoke to Robyn and confirmed receipt of her letter advising Warrabinga would be attending the field surveys, and noted that the date had changed. Robyn advised that she was aware of the date change.
17/3/14	Chaos Delauney Kelsey Williams-Fawcett Larry Foley Christine Maynard Debbie Foley Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	P. Kuskie B. Stephenson C. O Driscoll	SEA	Extension project survey.
18/3/14	Shaen Morgan Coral Williams Shannon Foley Larry Foley Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	P. Kuskie B. Stephenson C. O Driscoll	SEA	Extension project survey.
19/3/14	Emma Syme Robyn Williams Steven Flick Christine Maynard Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	P. Kuskie B. Stephenson C. O Driscoll	SEA	Extension project survey.
20/3/14	Emma Syme Coral Williams Steven Flick Larry Foley Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	P. Kuskie B. Stephenson C. O Driscoll	SEA	Extension project survey.
21/3/14	Shaen Morgan Kelsey Williams-Fawcett Shannon Foley Larry Foley Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	P. Kuskie B. Stephenson C. O Driscoll	SEA	Extension project survey.
28/4/14	Danielle Wallace	Resource Strategies	Email	Tony Lonsdale	Mudgee LALC	Confirmed attendance at field survey.

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
29/4/14	Eric Hill Kelsey Williams-Fawcett Steven Flick Gemma Williams Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	P. Kuskie C. O Driscoll J. Barr	SEA	Extension project survey.
30/4/14	Eric Hill Coral Williams Larry Foley Christine Maynard	NEWCO Warrabinga MGATSIC Mudgee LALC	Fieldwork	P. Kuskie C. O Driscoll J. Barr	SEA	Extension project survey.
1/5/14	Chaos Delauney Coral Williams Shannon Foley Debbie Foley Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	B. Stephenson C. O Driscoll J. Barr	SEA	Extension project survey.
2/5/14	Chaos Delauney Coral Williams Shannon Foley Larry Foley Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	B. Stephenson C. O Driscoll J. Barr	SEA	Extension project survey.
3/5/14	Coral Williams Kelsey Williams-Fawcett Larry Foley James Williams Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	P. Kuskie B. Stephenson C. O Driscoll J. Barr	SEA	Extension project survey. No progress due to rain.
12/5/14	Chaos Delauney Kelsey Williams-Fawcett Steven Flick Christine Maynard Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	B. Stephenson C. O Driscoll J. Barr	SEA	Extension project survey.
13/5/14	Chaos Delauney Kelsey Williams-Fawcett Shannon Foley Gemma Williams Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	B. Stephenson C. O Driscoll J. Barr	SEA	Extension project survey.
14/5/14	Chaos Delauney Coral Williams Debbie Foley Larry Foley Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	B. Stephenson C. O Driscoll J. Barr	SEA	Extension project survey.
15/5/14	Kelsey Williams-Fawcett Coral Williams Larry Foley James Williams Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	P. Kuskie B. Stephenson C. O Driscoll J. Barr	SEA	Extension project survey.
16/5/14	Kelsey Williams-Fawcett Coral Williams Larry Foley Debbie Foley Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	B. Stephenson C. O Driscoll J. Barr	SEA	Extension project survey.
16/6/14	Debbie Foley and Larry Foley	MGATSIC	Letter, email	Jamie Lees	WCPL	Advised of additional survey fieldwork dates.
16/6/14	Brad Bliss	WVWAC	Letter, email	Jamie Lees	WCPL	Advised of additional survey fieldwork dates.
16/6/14	Robyn Williams	Warrabinga	Letter, email	Jamie Lees	WCPL	Advised of additional survey fieldwork dates.
16/6/14	Lyn Syme	NEWCO	Letter, email	Jamie Lees	WCPL	Advised of additional survey fieldwork dates.
16/6/14	Dorothy Stewart	Binjang Wellington Wiradjuri Heritage Survey	Letter, email	Jamie Lees	WCPL	Advised of additional survey fieldwork dates.
16/6/14	Paul Brydon	-	Letter, email	Jamie Lees	WCPL	Advised of additional survey fieldwork dates.

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
16/6/14	Tony Lonsdale	Mudgee LALC	Letter, email	Jamie Lees	WCPL	Advised of additional survey fieldwork dates.
20/6/14	Danielle Wallace	Resource Strategies	Email	Kristen Kerr	Warrabinga	Confirmed attendance at field survey.
20/6/14	Brad Bliss	WVWAC	Telephone	Josh Peters	Resource Strategies	Confirmed attendance at field survey.
23/6/14	Danielle Wallace	Resource Strategies	Email	Tony Lonsdale	Mudgee LALC	Confirmed attendance at field survey.
24/6/14	Chaos Delauney Robyn Williams Larry Foley Robert Stewart	NEWCO Warrabinga MGATSIC WVWAC	Fieldwork	P. Kuskie B. Stephenson	SEA	Extension project survey.
24/6/14	Lyn Syme	NEWCO	Email	Jamie Lees	WCPL	Advised of proposed inspection of Castle Rock. Lyn expressed dissatisfaction.
25/6/14	Chaos Delauney Robyn Williams Larry Foley James Williams Robert Stewart	NEWCO Warrabinga MGATSIC Mudgee LALC WVWAC	Fieldwork	P. Kuskie B. Stephenson	SEA	Extension project survey.
3/7/14	Debbie Foley and Larry Foley	MGATSIC	Email	Jamie Lees	WCPL	Advised of additional survey fieldwork date.
3/7/14	Brad Bliss	WVWAC	Email	Jamie Lees	WCPL	Advised of additional survey fieldwork date.
3/7/14	Robyn Williams	Warrabinga	Email	Jamie Lees	WCPL	Advised of additional survey fieldwork date.
3/7/14	Lyn Syme	NEWCO	Email	Jamie Lees	WCPL	Advised of additional survey fieldwork date.
3/7/14	Dorothy Stewart	Binjang Wellington Wiradjuri Heritage Survey	Email	Jamie Lees	WCPL	Advised of additional survey fieldwork date.
3/7/14	Paul Brydon	-	Email	Jamie Lees	WCPL	Advised of additional survey fieldwork date.
4/7/14	Jamie Lees	WCPL	Email	Debbie Foley	MGATSIC	Advised of attendance for additional unpaid day of fieldwork.
4/7/14	Jamie Lees	WCPL	Email	Paul Brydon	-	Advised that would not be attending additional unpaid day of fieldwork.
7/7/14	Tony Lonsdale	Mudgee LALC	Email	Jamie Lees	WCPL	Advised of additional survey fieldwork date.
7/7/14	Jamie Lees	WCPL	Email	Robyn Williams	Warrabinga	Requested postponement of proposed fieldwork claiming insufficient notice and requested details of 'methodology'.
7/7/14	Robyn Williams	Warrabinga	Email	Jamie Lees	WCPL	Advised of techniques to be used for additional inspection.
9/7/14	Jamie Lees	WCPL	Email	Tony Lonsdale	Mudgee LALC	Confirmed attendance of Christine Maynard on fieldwork.
11/7/14	Coral Williams Robyn Williams Larry Foley	NEWCO Warrabinga MGATSIC	Fieldwork	B. Stephenson Jamie Lees Kieren Bennetts Karin Fogarty Tanietta de Launey	SEA WCPL	Extension project - technical recording of site/investigation of possibly cupules in Slate Gully. Stakeholders participated on voluntary basis.
1/12/14	Lyn Syme Robyn Williams Lance Syme Gail Ratcliffe	NEWCO Warrabinga	Meeting	Jamie Lees	Wilpinjong Coal	Native Title meeting, discussed progress of Extension Project.

Date	Person Contacted	Organisation	How Contacted	Contacted By	Organisation	Description
2/4/15	Larry Foley Christine Maynard Lyn Syme Robyn Williams Robert Stewart Paul Brydon	MGATSIC Mudgee LALC NEWCO Warrabinga WVWAC -	Meeting	Peter Kuskie Ian Flood Kieren Bennetts Tanietta deLauney Josh Peters	SEA Wilpinjong Coal Resource Strategies	Meeting to present information about project and draft heritage assessment report. Ian Flood presented update of project status and timing. Peter Kuskie presented draft heritage report and discussed all sections on overhead presentation. Copies of draft heritage assessment report provided to all registered parties with request for comment by 8 May 2015. Inspection of sites along Wilpinjong Creek and Slate gully, including rocky hill and rock shelters.
2/4/15	Dorothy Stewart	Binjang Wellington Wiradjuri Heritage Survey	Letter	Ian Flood	Wilpinjong Coal	Copy of draft heritage assessment report provided to all registered parties with request for comment by 8 May 2015.
2/4/15	Noel Downs	Wanaruah LALC	Letter	Ian Flood	Wilpinjong Coal	Copy of draft heritage assessment report provided to all registered parties with request for comment by 8 May 2015.
2/4/15	Kathie Steward-Kinchela	Yinarr Cultural Services	Letter	Ian Flood	Wilpinjong Coal	Copy of draft heritage assessment report provided to all registered parties with request for comment by 8 May 2015.
30/4/15	Ian Flood	Wilpinjong Coal	Email	Debbie Foley	Murong Gialinga ATSI Corporation	Provided comment on draft heritage assessment report and raised several issues, including objection to impacts to the hill with extensive rock formations situated in the valley floor of Slate Gully, equal access and treatment of all RAPs, collection of all artefacts and for their input to be taken into consideration.
4/5/15	Kieren Bennetts	Wilpinjong Coal	Telephone	Paul Brydon	-	Provided verbal comment on draft heritage assessment report, expressed disappointment but understanding regarding the potential impacts to the hill with extensive rock formations situated in the valley floor of Slate Gully.
5/5/15	Ian Flood	Wilpinjong Coal	Letter via email	ND	ND	Provided comment on draft heritage assessment report. Requested response be kept confidential from other RAPs. Raised several issues (refer to report).
8/5/15	Ian Flood	Wilpinjong Coal	Letter via email	Lance Syme	Warrabinga Native Title Claimants Aboriginal Corporation	Provided comment on draft heritage assessment report and raised several issues and queries (refer to report).
29/4/15	Ian Flood	Wilpinjong Coal	Telephone	Lyn Syme	NEWCO	Provided comment on draft heritage assessment report expressing support for the draft report and acknowledged the competency of the archaeologist.

Relevant Correspondence:

Example of correspondence sent in Stage 1 (Step 4.1.2) of OEH consultation process:



WILPINJONG COAL PTY LTD

ABN: 87 104 594 694

Level 13, BOQ Centre
259 Queen Street
Brisbane, Queensland 4000
Locked Bag 2005
Mudgee, NSW 2850
Australia
Tel + 61 (0) 2 6370 2500
Fax + 61 (0) 2 6373 4575

18 October 2012

Office of Environment and Heritage
PO Box 2111
DUBBO NSW 2830

Dear Sir/Madam,

WILPINJONG COAL MINE ABORIGINAL CULTURAL HERITAGE ASSESSMENT

Wilpinjong Coal Pty Ltd (WCPL) owns and operates the Wilpinjong Coal Mine, located approximately 40 kilometres north-east of Mudgee in the Western Coalfield, New South Wales (NSW).

WCPL plans to seek approval under the *Environmental Planning & Assessment Act 1979* (NSW) and the *Environmental Planning and Assessment Regulation 2000* (NSW) for proposed extensions to the Wilpinjong Coal Mine open cut mining operations and development of associated supporting infrastructure and facilities.

As part of the application processes for the proposed extensions, WCPL will be preparing an Aboriginal Cultural Heritage Impact Assessment. The subject area of the proposed extensions and any such applications is depicted as the "Area of Interest" as shown on the enclosed plan.

For the purposes of meeting its consultation requirements as set out in the "*Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*" (Department of Environment, Climate Change and Water, 2010) issued by the NSW Office of Environment and Heritage (OEH), this letter is to notify that WCPL would like to consult with any Aboriginal persons or groups who may hold cultural knowledge of, or who have a right or interest in Aboriginal objects, places and/or Aboriginal cultural heritage values in the "Area of Interest". All Aboriginal persons or groups named will then be contacted directly by us and formally invited to register their interest for involvement in the consultation processes for these applications.

Should you know of any Aboriginal person or group who may wish to be consulted in relation to the process described above, could you please provide their details before **6 November 2012** via the contact details below.

Jamie Lees
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850

Telephone: (02) 6370 2528

Facsimile: (02) 6373 4575

Email: jlees@peabodyenergy.com

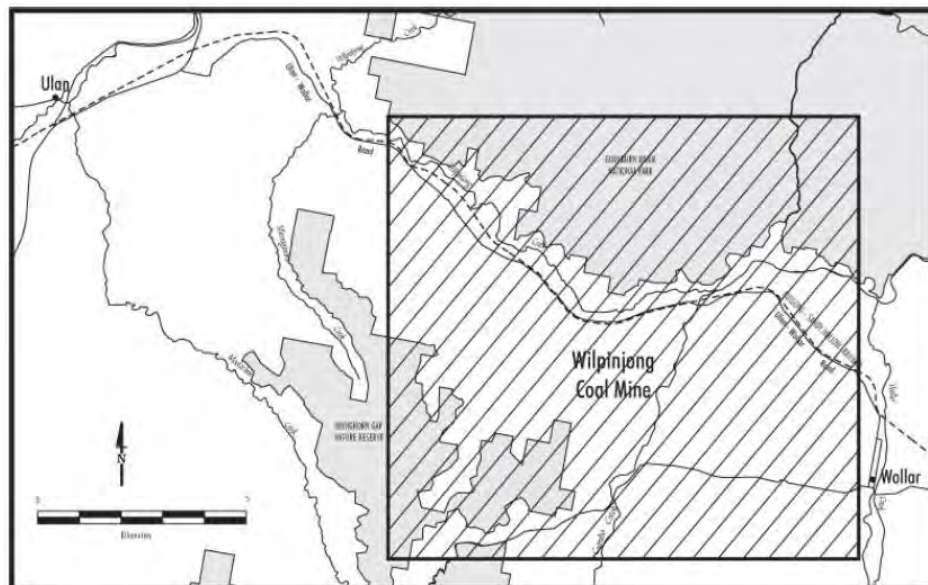
WCPL advises that the details of any Aboriginal person or group who registers an interest in the proposed extensions will be forwarded to the OEH and Mudgee Local Aboriginal Land Council in accordance with Section 4.1.5 of the "Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010", unless they specify that they do not want their details released.

Yours sincerely,



JAMIE LEES
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd

Plan Showing "Area of Interest"



Responses received in relation to Stage 1 (Step 4.1.2) of OEH consultation process from government authorities:



received
26/10/12

PO BOX 156
MUDGEES NSW 2850

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

Ph: 1300 765 002 or (02) 6378 2850

Fax: (02) 6378 2815

email: council@midwestern.nsw.gov.au

CR:k:\assets\environment\leis and regulation\aboriginal consultation\8 request
for aboriginal groups list\wilpinjong request.docx

24 October 2012

Jamie Lees
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Locked Bag 2005
Mudgee NSW 2850

Dear Jamie

**WILPINJONG COAL MINE- IDENTIFICATION OF ABORIGINAL PEOPLE WHO HOLD
CULTURAL KNOWLEDGE IN THE PROJECT AREA**

I refer to the above matter and to your letter received by Council on 22 October 2012 regarding the identification of Aboriginal People who hold cultural knowledge in the project area.

The following Aboriginal Land Councils are contained within Mid-Western Regional Council area:-

- Mudgee LALC – PO Box 1098 MUDGEES 2850
- Bathurst LALC – 149 Russell St BATHURST 2795
- Wanaruah LALC – 17-19 Maitland St MUSWELLBROOK 2333
- Orange LALC - 42 Dalton Street ORANGE 2800
- Wellington LALC - 163 Simpson Street WELLINGTON 2820
- Dubbo LALC - Cnr Wingewarra & Darling Streets DUBBO 2830
- Gilgandra LALC - 72 Warren Rd GILGANDRA 2827

Please also find enclosed a list of other parties who have registered an interest in our LGA as prepared by OEH and forwarded to Council. Please note that a full list up to date list of all registered interested persons can be sourced from Paul Houston of the Office of Environment and Heritage.

Should you have any queries in relation to this matter please do not hesitate to contact Cassie Robinson of Council's Environment Department.

Yours faithfully

CASSIE ROBINSON
ENVIRONMENT OFFICER

www.midwestern.nsw.gov.au

Organisation	Name	Address1	Address2
Murong Gialinga Aboriginal & Torres Strait Islander Corporation	Larry & Debbie Foley	PO Box 1097	MUDGEES NSW 2850
Wellington Valley Wiradjuri Aboriginal Corporation	Director	PO Box 508	WELLINGTON NSW 2820
Warrabinga Native Title Claimants Aboriginal Corporation	Wendy Lewis	525 Pheasants Nest Rd	Pheasants Nest NSW 2574
Office of Environment and Heritage	Director	PO Box 2111	Dubbo NSW 2830
Wiradjuri Council of Elders	Robert Clegg	3 Loretta Place	GLENDEENING 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
David Maynard		91 Inglis Street	MUDGEES NSW 2850
Jean Thornton		6 Winbourne Street	MUDGEES NSW 2850
Wiradjuri Traditional owners Central West Aboriginal Corporation	Brian Grant	14 Duramana Road	EGLINGTON NSW 2795
Mingaan Aboriginal Corporation	Helen Riley	38 Tweed Road	LITHGOW NSW 2790
Wellington Wiradjuri Heritage Survey	Dorothy Stewart	260 Myall St	Dubbo NSW 2830



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

Jamie Lees
Manger Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005
MUDGEES NSW 2850

Dear Jamie

Re: Request - Search for Registered Aboriginal Owners

I refer to your letter dated 18th October 2012 regarding Aboriginal Stakeholders within the Wilpinjong area, NSW.

I have searched the Register of Aboriginal Owners and the project area described does not have Registered Aboriginal Owners pursuant to Division 3 of the *Aboriginal Land Rights Act 1983* (NSW).

I suggest you contact both the Mudgee Local Aboriginal Land Council and Wanaruah Local Aboriginal Land Council. They may also be able to assist you in identifying other Aboriginal stakeholders for this project.

Yours sincerely

Shannon Williams
Project Officer
Office of the Registrar, *Aboriginal Land Rights Act* (1983)

22 October 2012



**Office of
Environment
& Heritage**

Your reference Wilpinjong Coal Mine Aboriginal
Cultural Heritage Assessment
Our reference DOC12/38580
Contact Paul Houston 68835361

Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005
MUDGEES NSW 2850
Att: Jamie Lees

26th October 2012

Dear Jamie,

**WRITTEN NOTIFICATION AS REQUIRED UNDER OFFICE OF ENVIRONMENT AND
HERITAGE (OEH) ABORIGINAL CULTURAL HERITAGE REQUIREMENT FOR
PROPOSERS 2010 – Wilpinjong Coal Mine Aboriginal Cultural Heritage Assessment, 40km
North-East of Mudgee NSW**

I refer to your letter dated 18th October 2012 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
OEH

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'S LIST OF ABORIGINAL STAKEHOLDER GROUPS WITHIN THE MID WESTERN LGA - 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
Paul Brydon		166 Minore St, Narromine NSW 2821
Bill Allen		75 Cory Pl , Windradyne NSW 2795
Binjang Wellington Wiradjuri 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	Helen Riley	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
Trevor Robinson		Po Box 73, Peak Hill NSW 2869
Warrabinga Native Tittle Claimants Aboriginal Corporation	The Board of Directors	PO Box 282, Mudgee NSW 2850
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 Interim Working Party		Po Box 73, Peak Hill NSW 2869

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

Wiradjuri traditional Owners Central West Aboriginal Corporation	Chairperson	14 Duramana Rd, Eglington NSW 2795
MUDGEES LALC	Chairperson	PO Box 1098 MUDGEES NSW 2850

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



29 October 2012 ref: OE&H : 29 – 10 -12/1

Jamie Lees
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005
MUDGEE NSW 2850

Dear Sir

Aboriginal Cultural Heritage Assessment / AHIP

Proposed extensions to Wilpinjong Coal Mine open cut mining operations and development of infrastructure and facilities

I refer to your letter of 18 October 2012 regarding the above matter.

We acknowledge that section 4.1.2 of the Office of Environment & Heritage's *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* require you to contact us in order to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or places. **However, we advise that NTSCORP's privacy guidelines restrict us from providing proponents with contact details of traditional owners who may have such an interest or hold such knowledge.**

In response to your notification, and subject to receipt of requested locality plan/diagram, NTSCORP will forward your correspondence to any individuals, groups and organisations whom NTSCORP is aware assert traditional interests within or hold cultural knowledge about the relevant area. **Recipients of our correspondence will be invited to register their interest in the project directly with you as soon as possible.**

Please be aware that NTSCORP cannot make a guarantee or undertaking that the recipients of our correspondence represent the entirety of traditional owners for the relevant area.

Yours faithfully,

Peter Schultz
Senior Land & Notifications Officer
NTSCORP Limited

Level 1, 44-70 Rosehill St Redfern NSW 2016 Australia
t: + 61 2 9310 3188

PO Box 2105 Strawberry Hills NSW 2012 Australia
t: + 61 2 9310 4177

abn: 71 098 971 209
w: www.ntscorp.com.au

T:\Future Acts\Correspondence\Templates\Updated notifications as of June 2012\OEHS 4.1.2-to-proponent



National
Native Title
Tribunal



30 October 2012

Jamie Lees
Manager, Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005
Mudgee NSW 2850

**South-East & Central Registry
Sydney Office**

Level 16, Law Courts Building,
Queens Square
Sydney NSW 2000
GPO Box 9973
Sydney NSW 2000
Telephone (02) 9227 4000
Facsimile (02) 9227 4030

Our Reference: 5171/12

Your Reference: -

Dear Jamie

**Native Title Search Results of Wilpinjong within Mid-Western Regional Council Local
Government Area**

Thank you for your search request of 23 October 2012 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 a 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.

Resolution of native title issues over land and waters.

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

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 and 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



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 Wongarbron, north of Gulgong and south of Ulan; then generally south easterly between Bylong Flat and Gingibi; 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?

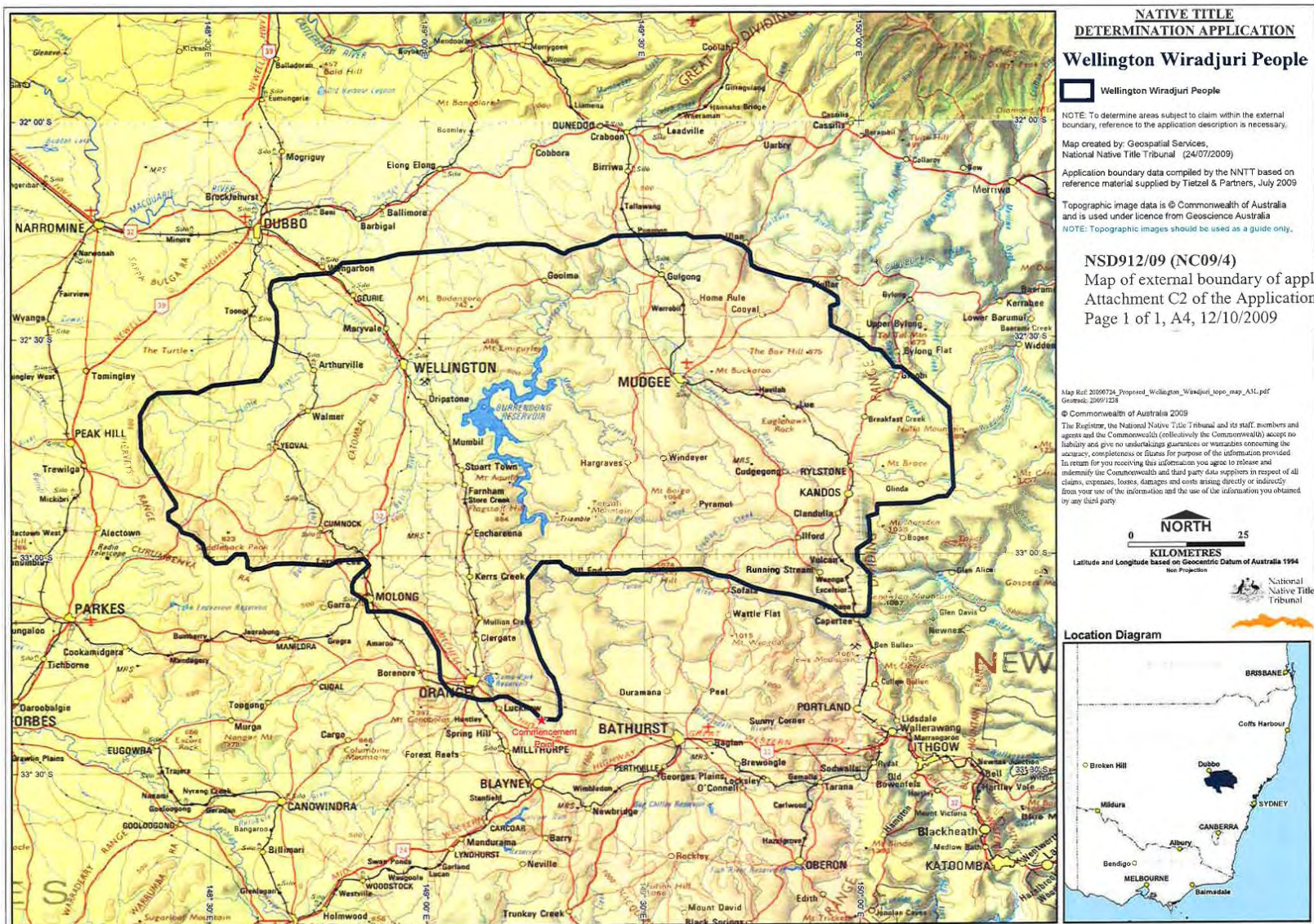
A search request form is available on the Tribunal's web site at:
<http://www.nntt.gov.au/registers/search.html>
Mail, fax or email your request to the Tribunal's Sydney registry, identifying the local government area/s you want searched.

Email: NSWEnquiries@nntt.gov.au

Fax: (02) 9227 4030

Address: GPO Box 9973, Sydney NSW 2001

Phone: (02) 9227 4000



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

P:\GEO_INFO\Products\NSW\NTDA\Proposed\Wiradjuri\Mapping\GT2009_17
Description\20090724_Proposed_Wellington_Wiradjuri_Description.doc

NSD912/09 (NC09/4)

External Boundary Description
Attachment B1 of the Application
Page 1 of 4, A4, 24/08/2009

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

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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

P:\GEO_INFO\Products\NSW\NTDA\Proposed\Wiradjuri\Mapping\GT2009_1238 Map & Description\20090724_Proposed_Wellington_Wiradjuri_Description.doc

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)

From: Thorpe, Nakari [<mailto:Nakari.Thorpe@nntt.gov.au>]
Sent: Wednesday, 14 November 2012 3:53 PM
To: Josh Peters
Subject: RE: National Native Title Tribunal Search Results [SEC=UNCLASSIFIED]

UNCLASSIFIED

Hi Josh

Our Geospatial Unit have conducted a search on their database and the search results are attached for your information.

I have also attached the relevant register extract and map attachment in relation to the results. Please note, the two applications [NC05/1 & NC08/1] listed under 'Historical Native Title Claims' have been discontinued and are no longer active applications. Therefore, I have not provided you with application summaries for these applications.

If you have any queries regarding these results, please contact me on (02) 9227 4004.

Regards,

Nakari Thorpe | SENIOR CASE MANAGEMENT ASSISTANT

National Native Title Tribunal | Sydney Office, Operations East

Level 16, Law Courts Building, Queens Square, 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.



Search Results

Prepared for Peabody Energy

Geospatial Job: GT2012/2093

Search Area: **Wilpinjong Area of Interest (AOI)**
As per map provided by client

Requested by: Jamie Lees

Date: 14 November 2012

DISCLAIMER

This information product has been created to assist in understanding the spatial characteristics and relationships with native title matters and is intended as a guide only. Spatial data used has been sourced from the relevant custodians in each jurisdiction. The Registrar, the National Native Title Tribunal and its staff and officers and the Commonwealth, accept no liability and or give no undertakings, guarantees or warranties concerning the accuracy, completeness or fitness for purpose of the information.

NOTES FOR INTERPRETING THE RESULTS

The search is based on the external boundary of the application or agreement. To determine whether any search area is subject to claim, determination or agreement, you need to refer to the accompanying extracts and associated documents. An "explanation of terms" follows the search results.

Results of spatial analysis as at 14th November 2012

Historical Native Title Claims

Search Area	Area (sq km)	Overlap (sqkm)	% of Area within Historical Claim Area	Tribunal Number	Federal Court Number	Name	Status	Effective Status Date
Wilpinjong AOI	127.322	28.561	22.43	NC05/1	NSD1089/05	William Gary Allen - Martin De Launey and Lynette Syme	Discontinued	18/07/2006
Wilpinjong AOI	127.322	4.380	3.44	NC08/1	NSD1598/08	North Eastern Wiradjuri People of the Bathurst Lithgow Mudgee area	Discontinued	9/11/2009

Geographical extents of Historical Native Title Claims are as at the effective status date.

National Native Title Register

There is NO overlap with any determination of native title as per the National Native Title Register.

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PAGE 1

Register of Native Title Claims and Schedule of Applications - Federal Court

Search Area	Area (sqkm)	Overlap (sqkm)	% of Area within NTDA	Tribunal Number	Fed Court Number	Name	Reg Test Status	Registration Date
Wilpinjong AOI	127.322	13.437	10.55	NC09/4	NSD912/09	Wellington Valley Wiradjuri	Accepted for registration	18/12/2009

Indigenous Land Use Agreements

There is NO overlap with any registered indigenous land use agreements as per the Register of ILUAs.

There is NO overlap with any indigenous land use agreements notified (but not registered) by the Tribunal.

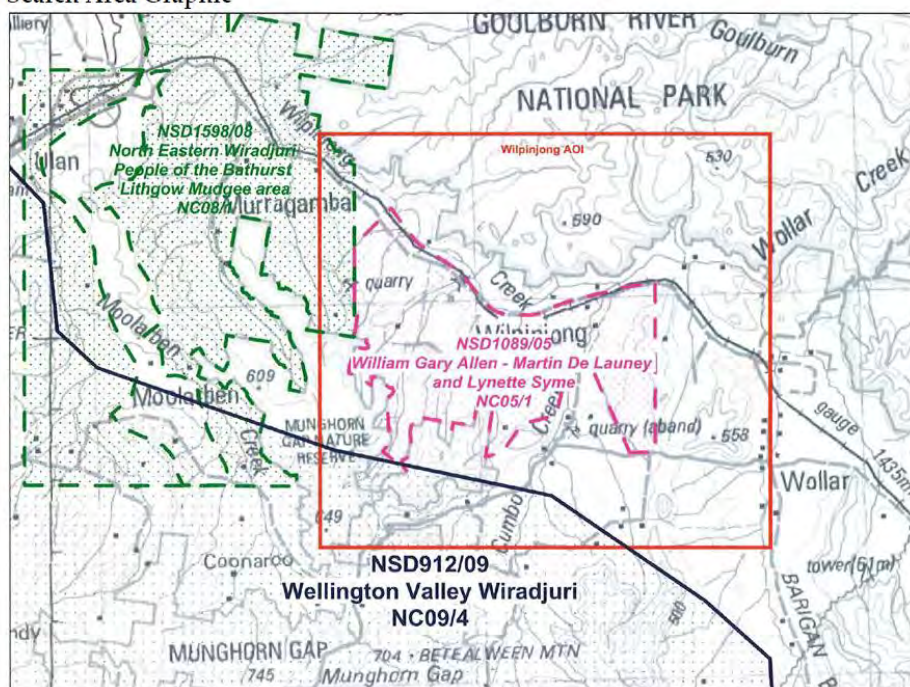
Representative Aboriginal and Torres Strait Islander Body Area

Search Area	Area (sq km)	% of Area within RATSIB Area	Name
Wilpinjong AOI	127.322	100.00	NTSCORP Limited

Local Government Authority

Search Area	Area (sq km)	% of Area within LGA	Name
Wilpinjong AOI	127.322	100.00	Mid-western Regional Council

Search Area Graphic



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PAGE 2

DATA STATEMENT

Prepared by Geospatial Services, National Native Title Tribunal.

New South Wales

Application boundary data compiled by the National Native Title Tribunal from data sourced from the Dept of Lands, Land and Property Information Division, NSW.

Local Government Authority data sourced from Public Sector Mapping Agency (November 2010).

RATSIB data compiled by NNTT based on reference material sourced from FaHCSIA.

EXPLANATION OF TERMS

National Native Title Register (NNTR)	Contains determinations of native title where native title does and does not exist in a particular area of land or waters.
Register of Native Title Claims (RNTC)	Contains claimant applications which have passed the Registration Test and those applications filed before 30/09/1998 that are still undergoing the Registration Test.
Schedule of applications – Federal Court	Contains active applications before the Federal Court.
Register of ILUAs	Contains indigenous land use agreements (ILUAs) that have been accepted for registration
Notified applications for indigenous land use agreements	Contains applications for ILUAs which have been notified but not yet registered
Area (sq km)	Total area of the Search Area (in sq km)
Tribunal Number	National Native Title Tribunal reference number (including identifier to record part applications)
Fed Court Number	Federal Court reference number
Name	Application or agreement name
Determination Date	Date on which the determination was made
Registration Date	Date on which the application was first placed on the Register of Native Title Claims with regard to its current 'registered' status or date on which an ILUA was registered
Reg Test Status	Registration test status (e.g. Accepted for registration, Currently identified for Reg. Test, Not currently identified for Reg. Test)
Application Type	Claimant, non-claimant or compensation
ILUA Status	In notification, notified, Registered

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PAGE 3

Media advertisement placed for Stage 1 (Step 4.1.3) OEH consultation process:

Environmental Planning and Assessment Act 1979 (NSW)

Peabody Energy Australia through Wilpinjong Coal Pty Ltd (WCPL) owns and operates the Wilpinjong Coal Mine, located approximately 40 kilometres north-east of Mudgee in the Western Coalfield, New South Wales (NSW).

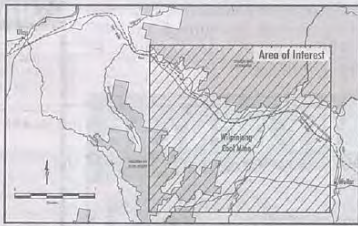
WCPL plans to seek approval under the *Environmental Planning and Assessment Act 1979 (NSW)* and the *Environmental Planning and Assessment Regulation 2000 (NSW)* for proposed extensions to the Wilpinjong Coal Mine open cut mining operations and development of associated supporting infrastructure and facilities.

As part of the application processes for the proposed extensions, WCPL will be preparing an Aboriginal Cultural Heritage Impact Assessment. The subject area of the proposed extensions and any such applications is depicted as the "Area of Interest" as shown on the enclosed plan.

In accordance with the requirements as set out in the "*Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*" (Department of Environment, Climate Change and Water, 2010) issued by the NSW Office of Environment and Heritage (OEH), WCPL is required to conduct a community consultation process with relevant Aboriginal people to assist in the preparation of the Aboriginal Cultural Heritage Impact Assessments referred to above.

Also in accordance with the requirements of the "*Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*", Aboriginal persons or groups who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) in the "Area of Interest" are invited to register an interest in a process of community consultation with WCPL regarding the extensions to the Wilpinjong Coal Mine. Registrations of interest are required by 23 November 2012 to the contact details provided below.

WCPL advises that the details of any Aboriginal person or group who registers an interest in the proposed extensions will be forwarded to the OEH and Mudgee Local Aboriginal Land Council in accordance with Section 4.1.5 of the "*Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*", unless they specify at registration that they do not want their details released.



Contact details for registration are as follows:

Jamie Lees
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850
Telephone: (02) 6370 2528
Facsimile: (02) 6373 4575
Email: jlees@peabodyenergy.com

ENV12082013

Example of correspondence sent in Stage 1 (Step 4.1.3) of OEH consultation process²:



WILPINJONG COAL PTY LTD

ABN: 87 104 594 694

Level 13, BOQ Centre
259 Queen Street
Brisbane, Queensland 4000
Locked Bag 2005
Mudgee, NSW 2850
Australia
Tel + 61 (0) 2 6370 2500
Fax + 61 (0) 2 6373 4575

7 November 2012

Bathurst Local Aboriginal Land Council
149 Russell Street
BATHURST NSW 2795

Dear Sir/Madam,

WILPINJONG COAL MINE ABORIGINAL CULTURAL HERITAGE ASSESSMENT

Peabody Energy Australia through Wilpinjong Coal Pty Ltd (WCPL) owns and operates the Wilpinjong Coal Mine, located approximately 40 kilometres north-east of Mudgee in the Western Coalfield, New South Wales (NSW).

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As part of the application processes for the proposed extensions, WCPL will be preparing an Aboriginal Cultural Heritage Impact Assessment. The subject area of the proposed extensions and any such applications is depicted as the "Area of Interest" as shown on the enclosed plan.

In accordance with the requirements as set out in the *"Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010"* (Department of Environment, Climate Change and Water, 2010) issued by the NSW Office of Environment and Heritage (OEH), WCPL is required to conduct a community consultation process with relevant Aboriginal people to assist in the preparation of the Aboriginal Cultural Heritage Impact Assessments referred to above.

Also in accordance with the requirements of the *"Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010"*, Aboriginal persons or groups who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) in the "Area of Interest" are invited to register an interest in a process of community consultation with WCPL regarding the extensions to the Wilpinjong Coal Mine.

Should Bathurst Local Aboriginal Land Council wish to register an interest in the community consultation processes described above, please respond by **23 November 2012** in writing to Jamie Lees, Manager of Project Development and Approvals via the following contact details:

Jamie Lees
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850
Telephone: (02) 6370 2528
Facsimile: (02) 6373 4575
Email: jlees@peabodyenergy.com

² Sent to all organisations/individuals notified about in responses provided by government authorities and Mudgee LALC in relation to Step 4.1.2 of OEH consultation process.

WCPL advises that the details of any Aboriginal person or group who registers an interest in the proposed extensions will be forwarded to the OEH and Mudgee Local Aboriginal Land Council in accordance with Section 4.1.5 of the "Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010". If Bathurst Local Aboriginal Land Council intend to register an interest and do not want their details released, please specify accordingly at registration.

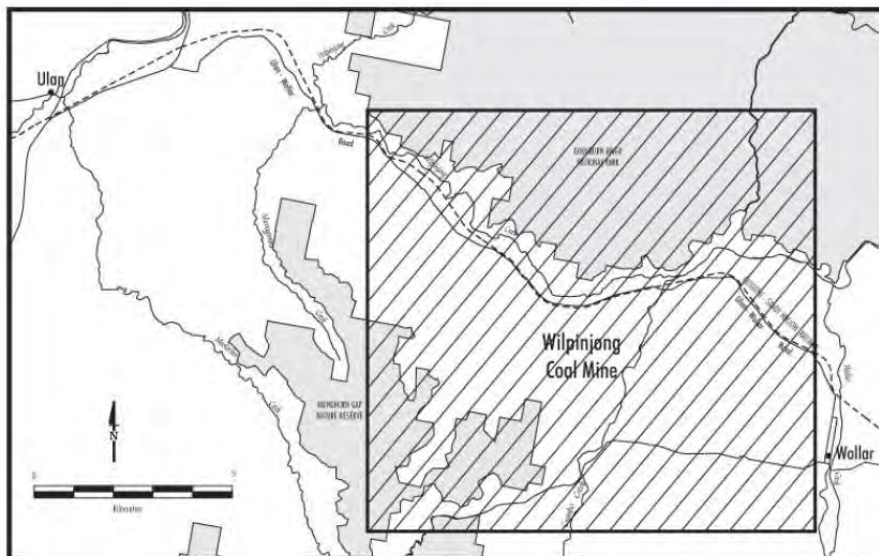
Yours sincerely,



JAMIE LEES

Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd

Plan Showing "Area of Interest"



Responses received in relation to Stage 1 (Steps 4.1.2 and 4.1.3) of OEH consultation process and media advertisement from Aboriginal parties:

ND

Re: Wilpinjong Coal Mine Aboriginal Cultural Heritage Assessment.

Dear Jamie,

ND

ND

ND

From: midnightdowns@bigpond.com [<mailto:midnightdowns@bigpond.com>]

Sent: Tuesday, 13 November 2012 9:12 PM

To: Lees, Jamie

Subject: Wilpinjong Coal Mine Cultural Heritage Assessment

Paul Brydon
166 Minore St
NARROMINE NSW 2821
Phone 0268894427
Email: midnightdowns@bigpond.com

Jamie Lees,
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850

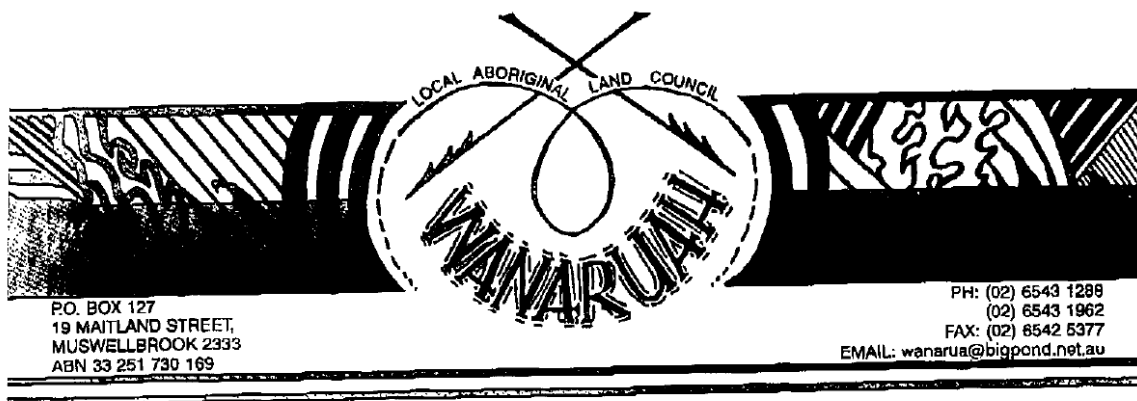
13th November 2012

Dear Sir,

1

As a Wiradjuri Elder in my community I would like to register an interest as an individual in the community consultation process pertaining to the Wilpinjong Coal Mine Cultural Heritage Assessment.

Yours Faithfully
Paul W Brydon



19 November 2012

ATTEN: Jamie Lees
Manager project development & approvals
Wilpinjong Coal Pty Ltd
Peabody energy Australia
Locked bag 2005,
Mudgee NSW 2850

Dear Jamie Lees ,

RE: WILPINJONG COAL MINE ABORIGINAL CULTURAL HERITAGE ASSESSMENT

Thank you for your letter dated 7th November 2012 asking the Wanaruah LALC if we are aware of any Aboriginal stakeholder groups or individuals who may hold cultural knowledge of the area and would be interested in being consulted with regards to the above study. Please find attached the current stakeholder listing for those within the Wanaruah LALC boundary.

Please also be advised that the Wanaruah LALC wishes to be consulted in this project and to participate by providing an experienced fieldworker to assist in the assessment of cultural heritage values. We look forward to hearing from you in due course and please do not hesitate to contact me should you wish to discuss the project and any other assistance we can provide, on (02) 6543 1288.

Kind regards,

Noel Downs
Chief Executive Officer
Wanaruah Local Aboriginal Land Council

P.1/4

To: 02633734575

20-NOV-2012 15:32 From:

GROUP NAME	CONTACT NAME	ADDRESS	PH	FAX	MOBILE	E-MAIL
Aboriginal Native Title Consultants	John & Margaret Matthews	16a Mahogany Cresent MUSWELLBROOK NSW 2333	6541 1204	6541 1204	417725956	
Bullen Bullen Heritage Consultants	Lloyd Matthews	16a Mahogany Cresent MUSWELLBROOK NSW 2333	6742 0658			
Cacatua Culture Consultants	George Sampson Donna Sampson	22 Ibis Parade WOODBERRY NSW 2333	4964 4685	4964 4635	0434 877 016 0403 765 019	cacatua@resetdsi.net.au
Carrawonga	Justin Matthews	16B Mahogany Avenue MUSWELLBROOK NSW 2333				
Culturally Aware	Tracey Skene	7 Crawford Place MILLFIELD NSW 2325			0437 899 496 0447 266 595	anigunya@hotmail.com
Gidawaa Walang Cultural Heritage Consultancy	Annie Hickey	76 Lang Street KURRI KURRI NSW 2327	4937 1094	4936 4449	0402 322 974	barkumanc@hotmail.com
Giwiir Consultants	Rodney Matthews Michelle Stair	8 Fitzgerald Avenue MUSWELLBROOK NSW 2333	6541 0506	6541 0751	0432 476 009 0432 214 402	bigrodshouse@hotmail.com
Hunter Valley Aboriginal Corporation	Rhonda Griffith	PO Box 579 MUSWELLBROOK NSW 2333	6543 1180	6543 1106		h973809@bigpond.net.au
Hunter Valley Cultural Consultants	Christine Archibald	40 Humphries Street MUSWELLBROOK NSW 2333	6541 2265		0438 390 882 0400 715 274	
Hunter Valley Cultural & Natural Resources	David French	Flat 3, 60 Tindale Street MUSWELLBROOK NSW 2333	6541 2601		0427 949 436	drf@deakin.edu.au

Hunter Valley Cultural Surveying	Luke & Pansy Hickey	165 Susan Street, SCONE NSW 2337			0402 446 223		
Lower Hunter Wonnarua Council	Lea-Ann Ball (Miller)	142 Northcote Street KURRI KURRI NSW 2327	4937 2694		0402 636 521	lea5972@hotmail.com	
Lower Wonnarua Tribal Consultancy Pty Ltd	Barry Anderson	156 The Inlet Road BULGA NSW 2333	6574 5303	6574 5303	0417 403 153	barry156@bigpond.com	
Mingga Consultants	Clifford Matthews	11 Coolibah Close MUSWELLBROOK NSW 2333			0421 942 962 0411 952 511		
Muswellbrook Cultural Consultants	Brian or David Horton	10 Scott Street MUSWELLBROOK NSW 2333			0488 014 441		
St Clair Singleton Aboriginal Corporation	Rene Molineaux (Secretary)	30 Carrington Street SINGLETON NSW 2330	6572 4324	6572 4324			
Ungooroo Aboriginal Corporation	Taasha Layer	PO Box 3095 SINGLETON NSW 2330	6571 5111	6571 5777	0423 736 661	ungooroo@bigpond.com	
Ungooroo Cultural & Community Services Inc	Rhonda Ward	8 Blaxland Avenue SINGLETON NSW 2330	6571 1660	6571 1660	0421 243 909		
Upper Hunter Heritage Consultants	Darryl Matthews	14 Edinglassie Drive MUSWELLBROOK NSW 2333		6541 3533	0422 910 898 0439 556 641		
Upper Hunter Wonnarua Council Inc	Victor Perry	PO Box 184 SINGLETON NSW 2330	6571 4888	6571 4889	0412 593 020	l.perry@optusnet.com.au	
Valley Culture	Larry Van Vliet	140 Sydney Street MUSWELLBROOK NSW 2333	6542 5445	6542 5652	0414 872 290		
Wanaruah Custodians	Barbara Foot and Reginald Eveleigh	35 Acacia Circuit SINGLETON NSW 2330	6571 1935		0427 665 529		
Wattaka Wonnarua Cultural Consultants	Des Hickey	4 Kennedy Street SINGLETON NSW 2330	6571 1713	6571 2609	0432 977 178	deshickey@bigpond.com	
Wonnarua Culture Heritage	Joseph and Gordon Griffiths	19 O'Donnell Crescent METFORD NSW 2323	4933 2067	4933 2067	0401 028 807	vic82@dodo.com.au	

Wonnarua Elders Council	Rhoda Perry Tom Miller	PO Box 184 SINGLETON NSW 2330	6571 4888	6571 4889		l.perry@optusnet.com.au
Wonnarua Nation Aboriginal Corporation	Laurie Perry and Sandra Miller	PO Box 3066 SINGLETON DELIVERY CENTRE 2330	6571 5419	6571 5419	0412 593 020 (Laurie)	wonnarua@bigpond.com
Wonn1 Contracting	Arthur Fletcher	619 Main Road GLENDALE NSW 2285	4915 6833	4954 7751	0402 146 193	wonn1sites@gmail.com
Yarrowalk	Scott Franks Barry McTaggart	PO Box 76 CARINGBAH 1495 913 WOLLOMBI ROAD BROKE 2330	6579 1185	6579 1485	0404 171 544 0419 220 297	yarrowalk@tpg.com.au yarrowalk@optusnet.com.au
Yinarr Cultural Services	Kathleen Steward- Kinchela	7 Cypress Place MUSWELLBROOK NSW 2333		6547 6145	0432 720 623	YINARRCULTURALSERVICES@GMAIL.COM
Janbant Mugrebea	Les Atkinson	11 Nelson Street cessnock nsw 2325			0431 612 069 0466 016 369	les.atkinson@hotmail.com
Aliera French Trading	Aliera French	12 Haydon Street muswellbrook nsw 2333	65 412 765	same as house phone	0421 299 963	aliera.french.trading@hotmail.com
Waabi Gabinya Cultural Consultancy	Elizabeth Howard	19 Foley Street Muswellbrook NSW 2333			0409 898 876	elizabeth.howard@hotmail.com
GALAMAAY CONSULTANT	Karen Matthews	10 Scott Street MUSWELLBROOK NSW 2333			0421 853 860	
Deslee Talbott Consultant	Deslee Talbott	2/19 South street Gunnedah NSW 2380			0431 205336	
KL.KG Saunders Trading Services	Krystal Saunders	6 Bowfield Place Muswellbrook Nsw 2333			0434 553 307 0478 086 827	k.saunders01@hotmail.com

From: Jamie Gray [<mailto:jamielgray66@gmail.com>]
Sent: Wednesday, 21 November 2012 3:20 PM
To: Lees, Jamie
Subject: WILPINJONG COAL MINE ABORIGINAL HERITAGE ASSESSMENT

Jamie Lees
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850

Hi Jamie,

In regards to the letter, Wilpinjong Coal Mine Aboriginal Cultural Heritage Assessment . I wish to register as an stake holder and would like the methodology report email sent to me.

Cheers
Dorothy Stewart
C.E.O
Binjang Wellington Wiradjuri Heritage Survey
[043584332](tel:043584332)
[260 Myall St Dubbo NSW 2830](https://www.google.com/maps/place/260+Myall+St+Dubbo+NSW+2830)

Jamie Gray

Mudgee Local Aboriginal Land Council

PO Box 1098
Mudgee NSW 2850
Phone: 02 63723511 Fax: 02 63723522
Email: mudgeelalc@bigpond.com

Jamie Lees
Manager Wilpinjong Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005
Mudgee NSW 2850

22nd November 2012

Dear Jamie

Re: Wilpinjong Coal Mine Aboriginal Cultural Heritage Assessment

On behalf of the Mudgee LALC I would like to formally express our interest in being involved in the Wilpinjong Coal Mine Aboriginal Cultural Heritage Assessments particularly those relating to the proposed extensions to the Wilpinjong Coal Mine open cut mining operations and development of associated and supporting infrastructure and facilities.

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

Yours in Unity



Tony Lonsdale

A/g CEO

From: Peter Kuskie [<mailto:peter@southeastarchaeology.com.au>]
Sent: Thursday, 29 November 2012 6:14 PM
To: wanaruah@bigpond.net.au
Subject: Re: Wilpinjong Mine Modification - Wanaruah LALC registration of interest

Hi Noel,

Hope all's well.

We are assisting Wilpinjong Mine, located near Ulan, 40 kilometres north-east of Mudgee, with the Aboriginal cultural heritage assessment of a proposed Modification.

During the initial steps of the OEH 2010 consultation process, Wilpinjong wrote to Mid-Western Regional Council, who advised that seven LALCs are located within their boundary and should be written to. As a result, and to ensure compliance with the exact letter of the OEH 2010 guidelines, Wilpinjong wrote to Wanaruah LALC on 7 November advising you of this project. On 19 November Wanaruah LALC registered an interest in the Project.

Regrettably, the Mid-Western Regional Council did not consider which LALC the project is located in, and the location figure supplied in the correspondence of 7 November may not have clarified this either.

The Wilpinjong Mine and project area (red border on attached figure) is located wholly within the Mudgee LALC boundaries. Mudgee LALC have registered an interest in this project and will be fully consulted throughout the project.

Given this information, we are seeking to clarify if you still wish Wanaruah LALC to be registered and considered for field investigation etc, or would like Wanaruah LALC to be registered and only sent reports for comment, or if you wish to retract the Wanaruah LALC registration given that the project is located wholly within the Mudgee LALC boundaries?

Look forward to hearing from you. Please don't hesitate to contact me if you wish to discuss further (although note that I'm in the field Friday with somewhat limited phone reception).

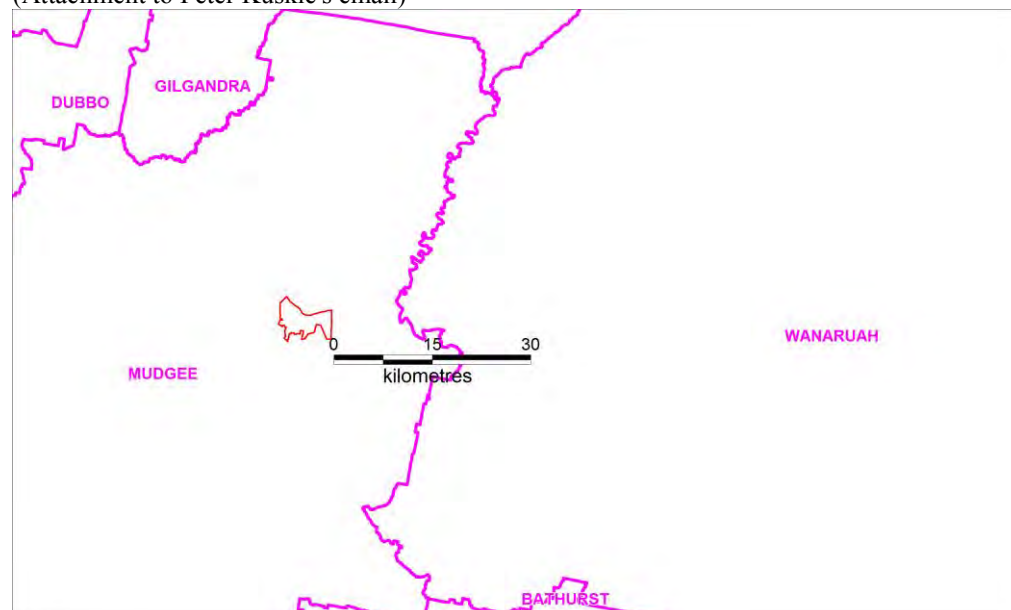
Regards,

Peter Kuskie,
South East Archaeology Pty Ltd.

24 Bamford Street
Hughes ACT 2605

Phone/fax: 02 - 6260 4439
Mobile: 0417 691 231

(Attachment to Peter Kuskie's email)



From: Wanaruah Local Aboriginal Land Council <wanaruah@bigpond.net.au>
Sent: Thursday, 29 November 2012 7:00 PM
To: 'Peter Kuskie'
Cc: 'Suzie Worth'
Subject: RE: Wilpinjong Mine Modification - Wanaruah LALC registration of interest
Attachments: copier.wanaruah@bigpond.com_20121129_184129.pdf

Just the reports and if any of our members who have an interest we will ensure any comments made are passed on to you. The map we received attached says area of interest includes a portion of out boundary. See attached

On the map you attached it is a lump above the 15km mark in the scale... If the mine does any work within 10km outside our boundary we do expect to be notified prior to.

Cheers

(Attachment to Noel Downs' email)

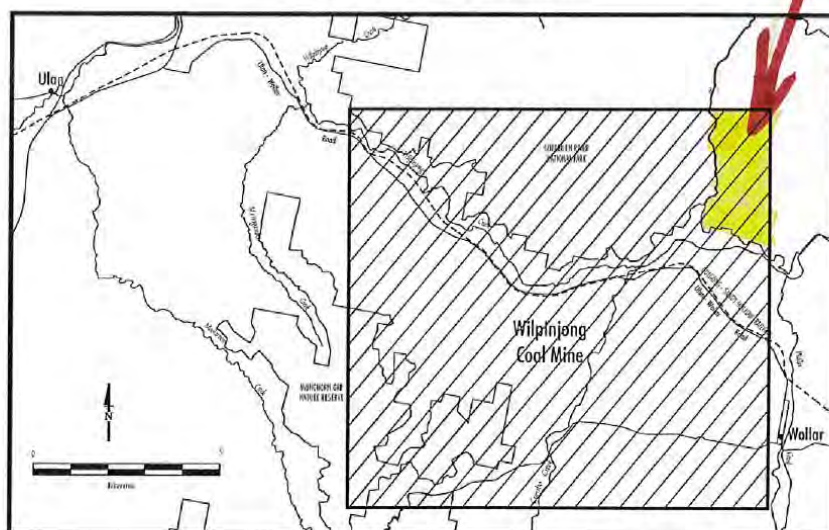
WCPL advises that the details of any Aboriginal person or group who registers an interest in the proposed extensions will be forwarded to the OEH and Mudgee Local Aboriginal Land Council in accordance with Section 4.1.5 of the "Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010". If Wanaruah Local Aboriginal Land Council intend to register an interest and do not want their details released, please specify accordingly at registration.

Yours sincerely,



JAMIE LEES
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd

Plan Showing "Area of Interest"



From: Peter Kuskie <peter@southeastarchaeology.com.au>
Sent: Friday, 30 November 2012 8:10 PM
To: 'Wanaruah Local Aboriginal Land Council'
Cc: 'Suzie Worth'
Subject: RE: Wilpinjong Mine Modification - Wanaruah LALC registration of interest

Great, thanks Noel. We will ensure that you receive copies of the reports and your comments are sought.

Please note that the lines shown on the map included in the original letter are roads, not LALC boundaries, so we apologise for any confusion.

Regards,

Peter Kuskie,
South East Archaeology.
0417 691 231

From: Wanaruah Local Aboriginal Land Council [<mailto:wanarua@bigpond.net.au>]
Sent: Thursday, 29 November 2012 7:00 PM
To: 'Peter Kuskie'
Cc: 'Suzie Worth'
Subject: RE: Wilpinjong Mine Modification - Wanaruah LALC registration of interest

Just the reports and if any of our members who have an interest we will ensure any comments made are passed on to you. The map we received attached says area of interest includes a portion of our boundary. See attached

On the map you attached it is a lump above the 15km mark in the scale... If the mine does any work within 10km outside our boundary we do expect to be notified prior to.

Cheers

From: Peter Kuskie [<mailto:peter@southeastarchaeology.com.au>]
Sent: Thursday, 29 November 2012 6:14 PM
To: wanarua@bigpond.net.au
Subject: Re: Wilpinjong Mine Modification - Wanaruah LALC registration of interest

Hi Noel,

Responses received from additional Aboriginal stakeholders after the closing date for registrations of interest:

Yinarr Cultural Services

Discover *Preserve* Protect

26th September 2013

Jamie Lees
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005,
Mudgee NSW 2850
Email: jlees@peabodyenergy.com

Re: WILPINJONG COAL MINE ABORIGINAL CULTURAL HERITAGE ASSESSMENT

Dear Jamie,

Issue #1

Yinarr Cultural services would like to express their interest for the above project as well as being consulted and placed on the Aboriginal Stakeholders Register with Wilpinjong Coal Pty Ltd and Peabody Energy Australia for future works that may arise.

I have pleasure in forwarding the expression of interest for your review as a registered and confirmed original stakeholder as a traditional owner/ancestor and Native Title descendant of country. I do so because I am an original person who continues to maintain a deep respect for their ancestral belief system and traditional lore and custom who recognises my responsibilities and obligations to protect and conserve our Culture and Heritage and I care for my traditional lands and country. I have the trust of my community, knowledge and understanding of my culture.

Kathie is a registered and confirmed original stakeholder and ancestor of Widajuri, Gamilaraay and the Wonnarua people. Kathie has been living in the community all her life and is acknowledged by the original community as such. Yinarr Cultural Services also consists of skilled and experienced traditional cultural heritage site field officers and consultants who hold knowledge of the surrounding areas as to provide and deliver appropriate projects with positive outcomes.

Our handpicked contract and casual team have been involved in various consultation roles and work sites such as in-field original archaeological field/site surveys, excavation work, salvage and collection, grader scrapes, test pitting, site surveys and recording grinding grooves, hearths, scared trees, escarpments, caves, shelters, manufacturing sites, travelling routes, Bora and ceremonial grounds and recording and preparing reports for over 28 years they are very experienced. Kathie is currently studying Indigenous Archaeology (IA) through UNE as well as Indigenous Community Management and Development Programs (ICMDP) through Curtin University.

Ms Kathie Kinchela is a very knowledgeable person who has been involved with numerous fieldwork jobs carried out by Yinarr Cultural Services and numerous other original cultural groups that they have worked for. Some of the fieldwork that Kathie has been involved with include: The Anvil Hill Project, Xstrata Mangoola Coal, Bulga Project, Ashton Coal, Liddell Coal Operations, Bayswater, BHP Mt Arthur, Mt Penny, Xstrata Ravenswoth Operations, Muswellbrook Coal, Advitech, RMS Black Creek Project, Spur Hill, Widden Creek, Mt Owen and Fitzgerald Bridge Replacement Aberdeen recently. Kathie has also worked alongside with Insite Heritage, Umwelt, Hansen Bailey, GSS Environmental, ENSR/ECOMM, Wells Environmental Services, RPS, Hansen & Bailey, Heritage Parc, McCloygroup, Penny McCardle, Resource Strategies, Eco Logical Australia, Virtus Heritage, AMBS, and Coal & Allied just to name a few.

Yinarr Cultural Services – ABN: 78 064 952 428 – BRN: BN98421338, 111 Westwood Road GUNGAL NSW 2333,
Phone: (02) 6547 6077, Fax: (02) 6547 6145, Mobile: 043 272 0623, Email: yinarrculturalservices@gmail.com

Yinarr Cultural Services primary vision and aim is to discover, preserve and protect items that are of significance to the Culture and Heritage of the Original people and objects which may be affected to provide appropriate management and to protect the Cultural Heritage of our Ancestors.

Yinarr Cultural Services would like the opportunity to work with Wilpinjong Coal Pty Ltd and Peabody Energy Australia to give our views on the area to be surveyed where we will comment on specific areas that we believe are significant. Within the area in general is highly significant and is very sacred to our people and the community, our descendants not only travelled through the area but are still in the area today with many stories that have been handed down.

Yinarr Cultural Services workers are dedicated, passionate and active within the community as follows: Board members and Directors of Wanaruah Local Aboriginal Land Council (WLALC), members of Hunter Valley Aboriginal Corporation, Director, Committee member and registered Stakeholder with Roads and Maritime Services Hunter Expressway Project, Board member of Aboriginal Development Consultative Committee (ADCC), Committee member of Homeless Advisory Board, Compass etc.

Kathie has completed a training course which was conducted and held by Mr Glen Morris from National Parks and Wildlife. This involved such things as recognising, identifying and recording of artefacts, completing written reports on fieldwork completed including artefacts found and identified, and what she believes to be the best outcome for the site surveyed. Kathie also has experience working on various sites if there was something Kathie wasn't sure about she is very grateful and willing to contact people such as Mr Glen Morris or various archaeologist to discuss things and have their input and assistance.

Kathie is both reliable and punctual, always actively involved with all work conducted, Kathie is always keen to learn more and be involved more whenever possible. Kathie will openly admit if she is not sure about something or believe that it is not of their expertise or knowledge but always have input when needed.

Our company is fully insured and registered with Office of Environment and Heritage (OEH). Yinarr Cultural Services site workers have all required PPE, current induction and white cards all are very fit and are required to comply with all Occupational Health and Safety when working on any site these are our requirements while working with Yinarr. Please find enclosed Yinarr Cultural Services up to date and current business insurances. A copy is also enclosed for your records these are available upon request:

Drivers Licence:	07506689	23/05/2014
Allianz Workers Compensation:	MWN7103393033	19/01/2014
QBE Public Liability:	06A792097BPK	31/07/2014
NRMA CTP:	RTA105168116	29/06/2014
Work Cover:	CG101295173SEQ1	25/06/2014

We would also recommend and would like to take part of any artifact analysis or training within this project when work is completed as to provide more insight with other members of the community that want to learn more of their culture and heritage, we believe this to be a crucial learning tool within community.

Thank you once again for the opportunity we look forward working with you. Should you wish to discuss any of the information provided please don't hesitate in contacting us on 0265 476077, Mobile: 0432720623, Fax: 0265 476145 or Email: yinarrculturalservices@gmail.com.

Yours sincerely,

Kathleen Steward Kinchela
Yinarr Cultural Services
Enclosure

Yinarr Cultural Services – ABN: 78 064 952 428 – BRN: BN98421338, 111 Westwood Road GUNGAL NSW 2333,
Phone: (02) 6547 6077, Fax: (02) 6547 6145, Mobile: 043 272 0623, Email: yinarrculturalservices@gmail.com

23 October 2013

Yinarr Cultural Services
111 Westwood Road
GUNGAL NSW 2333

Attention: Kathleen Steward Kinchela

Level 13, BOQ Centre
259 Queen Street
Brisbane, Queensland 4000
Locked Bag 2005
Mudgee, NSW 2850
Australia
Tel + 61 (0) 2 6370 2500
Fax + 61 (0) 2 6373 4575

Dear Kathleen,

**WILPINJONG EXTENSION PROJECT
ABORIGINAL CULTURAL HERITAGE ASSESSMENT**

Thank you for your correspondence dated 26 September 2013 regarding an expression of interest in the Wilpinjong Coal Mine Aboriginal Cultural Heritage Assessment. Wilpinjong Coal Pty Ltd (WCPL) is currently engaged in a consultation process with the Aboriginal community for the Wilpinjong Extension Project Aboriginal Cultural Heritage Assessment that commence in November 2012.

Formal registrations for the Wilpinjong Extension Project under the New South Wales (NSW) Office of Environment and Heritage *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (NSW Department of Environment, Climate Change and Water, 2012) closed on 23 November 2012. Notwithstanding, we would welcome you to be involved in the consultation process as an interested stakeholder.

Should Yinarr Cultural Services wish to become an interested stakeholder for the Wilpinjong Extension Project, WCPL can provide you with a copy of the Proposed Methodology and the draft Aboriginal Cultural Heritage Assessment (when available) for your review and feedback.

Should you become an interested stakeholder and if you wish to provide input on the following aspects, you are encouraged to do so at any time:

- Any Aboriginal objects or places of cultural value within the investigation area, or issues of cultural significance, that you are aware of;
- Any restrictions or protocols you may consider necessary in relation to any information of sensitivity that you may provide; and
- Any other factors you consider to be relevant to the heritage assessment.

Please confirm if you would like to be involved on this basis (i.e. limited to review of documents and provision of cultural information).

If you have any queries regarding the Wilpinjong Extension Project, please do not hesitate to contact the undersigned via the below contact details.

Jamie Lees
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850
Telephone: (02) 6370 2528
Facsimile: (02) 6373 4575
Email: jlees@peabodyenergy.com

Yours sincerely



JAMIE LEES
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd

00549490.doc

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

From: Kathie Kinchela [mailto:yinarrculturalservices@gmail.com]

Sent: Friday, 13 December 2013 3:00 PM

To: Lees, Jamie

Subject: Re: Reply Wilpinjong Extension Project

Dear Jamie,

Thank you for your email regarding stakeholder consultation the Wilpinjong Extension Project. I have tried calling you and have left you a message and now notification of email concerning the Wilpinjong Extension Project.

Yinarr Cultural Services would like to be like to confirm that we would like to be included in the consultation process with fieldwork as a stakeholder and be included to take part with any work on country and placed on the stakeholders list with the above project and also Wilpinjong Coal itself.

Yinarr Cultural Services would like to be included in any work that may arise now and in the future and to be updated with the current stage of the above project.

Yinarr Cultural Services also request any Ahips, Reports, Correspondence or any other documents regarding Wilpinjong Extension Project and Wilpinjong Coal Mine so that we can have an opportunity to make comment and take part in this process now and in the future.

Yinarr Cultural Services would like a electronic copy of this files and also a hard copy for our records.

If you have any questions please do not hesitate in contacting us either by
Phone: 0265 476077, Mobile: 043 272 0623 (leave a message), Fax: 0265 476145 or Email: yinarrculturalservices@gmail.com at any time.

Would you be able to confirm receipt of this email.

Kind Regards,

Kathie Kinchela
Yinarr Cultural Services

On 12/8/13, Lees, Jamie <JLees@peabodyenergy.com> wrote:

> Hi Kathleen,

>

> I refer to the attached correspondence dated 23 October 2013 regarding
> the involvement of Yinarr Cultural Services in the community
> consultation process for the Wilpinjong Extension Project as an Interested Stakeholder.

>

> As detailed in the correspondence, formal registrations for the
> Wilpinjong Extension Project under the New South Wales Office of
> Environment and Heritage Aboriginal Cultural Heritage Consultation
> Requirements for Proponents 2010 closed on 23 November 2012.
> Notwithstanding, we would welcome you to be involved in the
> consultation process as an interested stakeholder.

>

> Could you please confirm if you would like to be involved as an
> Interested Stakeholder (i.e. limited to the review of documents and
> the provision of cultural information) by Friday 13 December 2013? If
> we do not receive a response from you, we will assume that Yinarr
> Cultural Services do not wish to be involved in the consultation process for this Project.

>

> Please do not hesitate to contact me should you have any queries.

>

> Regards,

>

> Jamie Lees

From: Lees, Jamie <JLees@peabodyenergy.com>
Sent: Monday, 16 December 2013 8:58 AM
To: yinarrculturalservices@gmail.com
Subject: Reply Wilpinjong Extension Project
Attachments: Wilpinjong Extension Project Proposed Methodology.pdf

Dear Kathie

I can confirm that I did receive your phone call and tried to return the call on the mobile number provided.

In response to your email and further to the letter dated 23 October 2013, I wish to confirm that the registration period for the Project closed on 23 November 2012, and therefore Yinarr Cultural Services involvement as an interested stakeholder is limited to the review of documents and the provision of cultural information i.e. this does not include field work. The requirement for consultation is being undertaken in accordance with New South Wales (NSW) Office of Environment and Heritage's *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*.

As requested in the letter dated 23 October 2013, you are invited as an interested stakeholder to provide input on the following aspects, and you are encouraged to do so at any time:

- Any Aboriginal objects or places of cultural value within the investigation area, or issues of cultural significance, that you are aware of;
- Any restrictions or protocols you may consider necessary in relation to any information of sensitivity that you may provide; and
- Any other factors you consider to be relevant to the heritage assessment.

I have attached a copy of the *Proposed Methodology for the Wilpinjong Extension Project* for your information only as the review period for this document has closed.

As an interested stakeholder, WCPL will provide you with relevant documentation as the Wilpinjong Extension Project progresses for your review and feedback (e.g. the full draft Aboriginal Cultural Heritage Assessment).

Please do not hesitate to contact me if you require any further clarification of this email.

Jamie Lees
Manager Project Development & Approvals

Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850
P: +61 (0)2 6370 2528
F: +61 (0)2 6373 4575
M: +61 (0)4 28619577
E: jlees@peabodyenergy.com
W: www.peabodyenergy.com.au

WILPINJONG GOAL
THROUGH THE COMBINED EFFORTS OF ALL OUR PEOPLE WILPINJONG
WILL BE A SAFE, RELIABLE, EFFICIENT PRODUCER OF ENERGY COAL.
WE WILL RESPECT THE ENVIRONMENT AND THE
COMMUNITY IN WHICH WE WORK AND LIVE

Example of correspondence sent in Stage 2 (Steps 4.2 and 4.3) of OEH consultation process³:



18 October 2013

Murong Gialinga Aboriginal & Torres Strait Islander Corporation
PO Box 1097
MUDGEE NSW 2850

Attention: Larry and Debbie Foley

Dear Larry and Debbie,

WILPINJONG COAL PTY LTD

ABN: 87 104 594 694

Level 13, BOQ Centre
259 Queen Street
Brisbane, Queensland 4000
Locked Bag 2005
Mudgee, NSW 2850
Australia
Tel + 61 (0) 2 6370 2500
Fax + 61 (0) 2 6373 4575

**WILPINJONG EXTENSION PROJECT
ABORIGINAL CULTURAL HERITAGE ASSESSMENT**

Peabody Energy Australia through Wilpinjong Coal Pty Ltd (WCPL) owns and operates the Wilpinjong Coal Mine, located approximately 40 kilometres north-east of Mudgee in the Western Coalfield, New South Wales (NSW).

Separate to the recent modification that Murong Gialinga Aboriginal & Torres Strait Islander Corporation was involved in, WCPL plans to seek approval under Division 4.1 of Part 4 of the NSW *Environmental Planning and Assessment Act, 1979* for further extensions to the Wilpinjong Coal Mine mining operations and development of associated supporting infrastructure and facilities. This application is referred to as the Wilpinjong Extension Project.

As per your registration for Aboriginal cultural heritage assessment's at the Wilpinjong Coal Mine (via telephone on 12 November 2012), you are registered for the consultation process associated with the Wilpinjong Extension Project.

Proposed Methodology

Please find enclosed a copy of the Proposed Methodology for the Aboriginal Cultural Heritage Assessment for the Wilpinjong Extension Project, including a description of the Wilpinjong Extension Project.

In accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (NSW Department of Environment, Climate Change and Water [DECCW], 2010) issued by the NSW Office of Environment and Heritage (previously the DECCW), we provide the Proposed Methodology for your review and feedback.

If you wish to provide input on the following, please make a written submission to WCPL by **Tuesday 19 November 2013**:

- The nature of the Proposed Methodology.
- Any Aboriginal objects or places of cultural value within the investigation area, or issues of cultural significance, that you are aware of.
- Any restrictions or protocols you may consider necessary in relation to any information of sensitivity that you may provide.
- Any other factors you consider to be relevant to the heritage assessment.

All comments received will be taken into consideration as the Methodology is finalised.

00549107.doc

³ Sent to all registered Aboriginal parties.

Project Information Session

WCPL would like to offer registered Aboriginal parties an opportunity to attend an information session regarding the Wilpinjong Extension Project on **Monday 11 November 2013**, at the Wilpinjong Coal Mine administration offices. The information session will commence at 10:00am and conclude at approximately 2:00pm.

At this information session, WCPL and its consultant archaeologist Peter Kuskie will provide a presentation on the nature and scale of the Wilpinjong Extension Project, an overview of the impact assessment process and discuss the roles, functions and responsibilities of participants and protocols for the management of any sensitive cultural heritage information. This information session will also provide registered parties with an opportunity to raise any cultural concerns or comments/perspectives regarding the Wilpinjong Extension Project or the proposed assessment methodology. Notwithstanding, there will be various other opportunities to discuss these matters throughout the consultation process if a representative of Murong Gialinga Aboriginal & Torres Strait Islander Corporation is unable to attend on 11 November 2013.

Can you please indicate whether you are interested in attending the information session by **Monday 5 November 2013** (via the contact details below). Directions to site can be provided if required. If you are not able to attend the information session, the presentation material will be posted and/or emailed to you.

The information session may include an initial inspection of portions of proposed disturbance areas that would be the subject of the Wilpinjong Extension Project Aboriginal Cultural Heritage Assessment (ACHA). If you would like to attend this part of the information session, you should bring along the following Personal Protection Equipment:

- A white hard hat in compliance with Australian Standards.
- Safety glasses.
- Long sleeved shirt with reflective stripes or orange high visibility vest.
- Long pants (jeans or drill cotton).
- Enclosed steel capped boots with metatarsal protection.

Gloves are also required to be kept on your person at all times while on-site, however, WCPL will provide gloves for the duration of the inspection.

If you do not intend to participate in any site inspection, it would be appreciated if you could come dressed in long pants a long sleeved shirt and wear fully enclosed shoes.

Following the information session, WCPL invites you to provide an invoice for the cost of one representative attending the meeting, at a rate of \$550 (including GST) for the day. This invoice will need to be addressed as follows:

Peter Tonkin
Project Manager
C/- Jamie Lees
(Peabody Energy Australia)
Wilpinjong Coal Pty Ltd
Locked Bag 2005, MUDGEE NSW 2850

Field Survey

As part of the ACHA for the Wilpinjong Extension Project, WCPL will be facilitating a field survey/inspection to allow representatives of registered Aboriginal parties an opportunity to inspect the investigation area and Aboriginal heritage sites within the investigation area.

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To participate in this field survey, it is a mandatory requirement by Wilpinjong to be fully inducted (inclusive of an Order 41 medical), and if required, to be assessed as functionally fit to undertake the task.

Further details regarding the survey (e.g. expected dates and induction requirements etc.) will be provided at the information session.

Contact Details

If you have any queries regarding the Wilpinjong Extension Project, or to provide any comments on the Proposed Methodology, could you please direct all correspondence to:

Jamie Lees
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850
Telephone: (02) 6370 2528
Facsimile: (02) 6373 4575
Email: jlees@peabodyenergy.com

Yours sincerely



JAMIE LEES
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd

Enclosure A) Proposed Methodology

00549107.doc

Responses received from Aboriginal parties in relation to Stage 2 (Steps 4.2 and 4.3) of OEH consultation process:



NORTH EAST WIRADJURI
COMPANY LTD

26/10/13

J. Lees,
Manager,
Project Development & Approvals,
Wilpinjong Coal Pty Ltd.

Dear Jamie

**Wilpinjong Extension Project
Aboriginal Cultural Heritage Assessment**

We refer to your letter of 18th October, 2013 sent to us by Resource Strategies.

Firstly, some very basic housekeeping:

Yes, we will be sending a representative to the meeting on 11/11/13.

Our rates are \$550 (**plus gst**) and we require travel as per the ATO rates plus meal allowance, unless Wilpinjong are providing lunch. **This is not clear in your letter.**

Could you also please arrange a Purchase Order Number for our representative for his/her attendance at this meeting.

OTHER ISSUES:

Within the Wilpinjong Extension Project there are a number of clearly separate activities associated with the development. These are referred to in the "Nature of Project" as set out on P2 of South East Archaeology's Proposed Methodology 18/10/13.

As we understand it, some of these activities are associated with Wilpinjong's existing MLA and others are associated with Wilpinjong's proposed application for Slate Gully.

Issue #2

We require these two activities be separated and two separate methodologies be developed for these activities.

**PO Box 29, KANDOS. NSW 2848
ABN: 18125329526**

Issue #3

The maps provided are insufficient – they do not indicate where any of the Pits are, or where the ELA 6169 is, there is little information regarding major extensions, extension of existing and/or development of new supporting infrastructure relocation of the Wollar to Wellington 330 kva electricity transmission line, diversion of the un-named drainage line in Slate Gully; and **particularly a modest extension to the mine life**

Once we have received this information we will comment further.

It is of concern to us that there is a reference to issues such as medicals when we are being invited to attend a Stakeholder Group Meeting and a site inspection of the subject matter of that meeting.

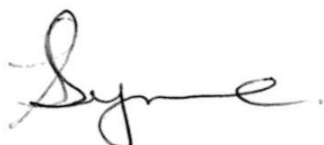
It is unclear in your letter as to meaning of “Field Survey” and “field survey/inspection...to allow representatives....an opportunity to inspect the investigation area and Aboriginal heritage sites within the investigation area”.

Your letter continues “it is a mandatory requirement by Wilpinjong to be fully inducted (inclusive of an Order 41 medical) and if required to be assessed a functionally fit to undertake the task”

Firstly I would ask – required by whom?

Secondly, this is a meeting of the Registered Aboriginal Parties to discuss the methodology for these projects, not an actual Aboriginal Cultural Heritage Site Survey.

Yours in Indigenous Struggle



Lyn Syme
Co. Secretary / Director.

PO Box 29, KANDOS. NSW 2848
ABN: 18125329526

From: Lees, Jamie
Sent: Wednesday, 30 October 2013 7:19 AM
To: 'LYNETTE SYME'
Subject: RE: Methodology

Lyn

Thank you for your letter regarding the Methodology and housekeeping issues for the meeting and proposed work.

We agree with the housekeeping matters that you have identified and a Purchase Order will be raised prior to the meeting.

In regards to the issues you have raised, hopefully the meeting on the 11 November 2013 will answer or clarify the questions and concerns that you have listed in your letter.

Also as discussed with you yesterday the Wilpinjong Extension Project will be subject to one application under Part 4.1 of the EP&A Act 1979 and therefore the methodology for undertaking the work is the same for the pit extensions within ML 1573 and the new areas within EL 7091 and EL 6169. This process along with providing more clarity about the Open Cut pit design / locations will be given at the meeting. If this meeting does not address your concerns then we can discuss any outstanding matters in detail on the day.

Regards

Jamie Lees
Manager Project Development & Approvals

Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850
P: +61 (0)2 6370 2528
F: +61 (0)2 6373 4575
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 Please consider the environment before printing this email.

From: LYNETTE SYME [<mailto:lynsyme@bigpond.com>]
Sent: Monday, 28 October 2013 3:03 PM
To: Lees, Jamie
Subject: Methodology

Pls see attached

Regards

Lyn

From: robyn.williams@warrabinga.com.au
Sent: Tuesday, 19 November 2013 9:58 PM
To: Danielle Wallace
Subject: Re: Wilpinjong Extension Project - Proposed Methodology

hi DANIEL.,

I am in the middle of responding to this Methodology. my computer is playing up. I will attach my response tomorrow morning ie early am.

Issue #4

Please note give the time of year and the circumstances I believe any excavations should go at lease to clay and or bedrock or coal.

Issue #5

I also believe it should be do by wet sieving and NOT dry sieving.

Robyn F Williams

From: Bradley Bliss [brad4975@hotmail.com]
Sent: Sunday, 24 November 2013 11:29 AM
To: Danielle Wallace; amadeuas@hotmail.com; teitzel@bigpond.net.au; rob-stewart88@hotmail.com; info@environment.nsw.gov.au
Subject: RE: Wilpinjong Extension Project

Dear Danielle,

As the WVVAC Chairman and current contact officer I have read the emailed files received on 19th November 2013 that you kindly forwarded to me. I note that on asking those in Wellington who collect the WVVAC mail from P.O. Box 508, the hardcopy letter and document you sent was not received. This also excluded WVVAC representatives from attending an information session about the Extension Project on Monday the 11th November 2013 as we were unaware of this meeting.

In light of this WVVAC request all future correspondence be sent to the Chairman/Contact Officer's Post Office Box via Registered mail and that an electronic copy be sent via email of all correspondence. Please send all future correspondence to the following:

WVVAC
C/- Bradley Bliss
P.O. Box 2290
Orange NSW 2800

I have read the Proposed Methodology for the Wilpinjong Extension Project on behalf of WVVAC in my capacity as a Director and the Chairman. It is my opinion that WVVAC agrees with the as published Proposed Methodology for the Wilpinjong Extension Project.

Regards,

Sir Bradley R. Bliss GCOJ, GCMHG, KGOMHG, OStPC, J.P.
WVVAC Director and Chairman
0427321016

Example of correspondence sent in Stage 2 (Steps 4.2 and 4.3) of OEH consultation process regarding engagement for field surveys⁴:



WILPINJONG COAL PTY LT

ABN: 87 104 594 694

Level 13, BOQ Centre
259 Queen Street
Brisbane, Queensland 4000
Locked Bag 2005
Mudgee, NSW 2850
Australia
Tel + 61 (0) 2 6370 2500
Fax + 61 (0) 2 6373 4575

19 December 2013

Murong Gialinga Aboriginal & Torres Strait Islander Corporation
PO Box 1097
MUDGEE NSW 2850

Attention: Larry and Debbie Foley

Dear Larry and Debbie,

**WILPINJONG EXTENSION PROJECT
ABORIGINAL CULTURAL HERITAGE ASSESSMENT**

As you are aware, Wilpinjong Coal Pty Ltd (WCPL) plans to seek approval under Division 4.1 of Part 4 of the NSW *Environmental Planning and Assessment Act, 1979* for further extensions to the Wilpinjong Coal Mine mining operations and development of associated supporting infrastructure and facilities. This application is referred to as the Wilpinjong Extension Project.

Field Surveys

As a component of the Aboriginal Cultural Heritage Assessment for the Wilpinjong Extension Project, WCPL will be facilitating a field survey/inspection to allow representatives of all registered Aboriginal parties to inspect the investigation area and Aboriginal heritage sites within the investigation area.

It is planned to undertake the field surveys over a period of three weeks, commencing in the week beginning Monday 3 March 2014. Further details regarding dates will be provided to you when available.

Please advise me if you would like to be involved in the field survey by Friday 14 February 2014, including the name and contact details of the survey participant(s).

Due to logistical and safety constraints, each of the registered Aboriginal parties is invited to send one representative to attend each day of the field surveys. The representatives must have undertaken a mandatory induction prior to participation in the field surveys.

WCPL will pay one representative from Murong Gialinga Aboriginal & Torres Strait Islander Corporation at a Day Rate of \$550 per day excluding GST (and will cover reasonable travel/logistical expenses in accordance with ATO rates) for involvement in the March 2014 field surveys.

Please note the following payment protocols will be applied to prevent any confusion when working for WCPL:

- Day Rate (normal hours 7.30 am – 4.30pm) based on 8 hour's work with normal breaks (totalling 1 hour):
 - Onsite > 5 hours worked = Full day rate (\$550 + GST).
 - Onsite < 5 hours worked = Half day rate (\$225 + GST).

Note: if less than a normal or half day is worked due to unforeseen circumstances, payment of the specified rate will be subject to approval by the supervising Wilpinjong task coordinator.

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1

⁴ Sent to all registered Aboriginal parties.

Cancellation Policy	Payment
Prior to <u>onsite</u> attendance (> 24 hours' notice).	No payment. If < 24 hours' notice is given, payment of one (1) day at the Full day rate can be claimed.
Inclement weather cancellations <u>not onsite</u> .	No payment.
Inclement weather cancellations whilst <u>onsite</u> .	Full day rate.
Premature cancellation of works whilst <u>onsite</u> with <24 hours' notice (if not previously agreed at the commencement of the job) and not subject to inclement weather cancellations .	Payment of one (1) day at the Full day rate can be claimed.
If the work program is completed ahead of schedule (as per the letter of notification), payment will be for the work undertaken and no more. WCPL will endeavor to provide routine updates on the project status and expected completion dates.	

General Personal Protection Equipment (PPE) will be required by all those participating in the survey. The required PPE includes:

- A white hard hat in compliance with Australian Standards.
- Safety glasses.
- Long sleeved shirt with reflective stripes or orange high visibility vest.
- Long pants (jeans or drill cotton).
- Enclosed steel capped boots with metatarsal protection.

Gloves are also required to be kept on your person at all times while onsite, however, WCPL will provide gloves for the duration of the inspection.

Participants should bring their own food and water for each day of the field surveys.

Mine Induction Requirements

Inductions are mandatory for all those representatives attending the March 2014 field surveys. Inductions can be arranged through Pegasus Safety (ph: 02 6742 7050, mudgee@pegasus.net.au). Please refer to the Wilpinjong Coal Pre Induction Requirements (Enclosure A).

The following is required prior to participation in the mandatory induction:

1. Copies of current insurances including Certificates of Currency for public liability and workers compensation.
2. A pre-placement medical (Order 41) (refer to Enclosure B) completed within the last 12 months and results of drug and alcohol testing undertaken within 14 days of the induction. The Medical Form included as Enclosure B can be used to fulfill the requirements of an Order 41 Medical. A registered General Practitioner would need to complete the form for each participating representative.
3. As part of the contractor management system, your organisation will be required to provide a Contractor Pack SWMS to WCPL (refer to Enclosure C), if you haven't already done so.

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Invoicing Requirements

Following participation in the field surveys, an invoice will need to be provided to WCPL prior to payment. This invoice will need to be addressed as follows:

Peter Tonkin
Project Manager
C/o Jamie Lees
(Peabody Energy Australia)
Wilpinjong Coal Pty Ltd
Locked Bag 2005, MUDGEE NSW 2850

Contact Details

If you have any queries regarding the Wilpinjong Extension Project, or to indicate your attendance at the field surveys, could you please direct all correspondence to:

Jamie Lees
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850
Telephone: (02) 6370 2528
Facsimile: (02) 6373 4575
Email: jlees@peabodyenergy.com

Yours sincerely



JAMIE LEES

Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd

Enclosure A) Wilpinjong Coal Pre Induction Requirements.
Enclosure B) NSW Coal Industry Pre Placement Health Assessment Report.
Enclosure C) Peabody Energy Contractor Pack SWMS.

00558979.doc

18 February 2014

Murong Gialinga Aboriginal & Torres Strait Islander Corporation
PO Box 1097
MUDGEES NSW 2850

Attention: Larry and Debbie Foley

Dear Larry and Debbie,

**WILPINJONG EXTENSION PROJECT
ABORIGINAL CULTURAL HERITAGE ASSESSMENT**

As you would be aware, Wilpinjong Coal Pty Ltd (WCPL) will be facilitating a field survey/inspection as a component of the Aboriginal Cultural Heritage Assessment for the Wilpinjong Extension Project, to allow representatives of all registered Aboriginal parties to inspect the investigation area and Aboriginal heritage sites within the investigation area.

Three weeks of survey work will be undertaken as a component of the Aboriginal Cultural Heritage Assessment, during the following periods:

- Monday 17 March 2014 – Friday 21 March 2014.
- Tuesday 29 April 2014 – Saturday 3 May 2014.
- Monday 12 May 2014 – Friday 16 May 2014.

As previously advised, each of the registered Aboriginal parties is invited to send one representative to attend each day of the field surveys. The representatives must have undertaken a mandatory induction prior to participation in the field surveys.

Please advise if you would like to be involved in the field survey by 3 March 2014, including the name and contact details of the survey participant(s), via the contact details provided below.

Field Survey Requirements

General Personal Protection Equipment (PPE) will be required by all those participating in the survey. The required PPE includes:

- A white hard hat in compliance with Australian Standards.
- Safety glasses.
- Long sleeved shirt with reflective stripes or orange high visibility vest.
- Long pants (jeans or drill cotton).
- Enclosed steel capped boots with metatarsal protection.

Gloves are also required to be kept on your person at all times while onsite, however, WCPL will provide gloves for the duration of the inspection.

Participants should bring their own food and water for each day of the field surveys.

Invoicing Requirements

Following participation in the field surveys, an invoice will need to be provided to WCPL prior to payment. This invoice will need to be addressed as follows:

Peter Tonkin
Project Manager
C/o Jamie Lees
(Peabody Energy Australia)
Wilpinjong Coal Pty Ltd
Locked Bag 2005, MUDGEE NSW 2850

Contact Details

If you have any queries regarding the Extension Project or the field surveys, could you please direct all correspondence to:

Jamie Lees
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850

Telephone: (02) 6370 2528
Facsimile: (02) 6373 4575
Email: jlees@peabodyenergy.com

Yours sincerely



JAMIE LEES
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd

Subject: FW: Wilpinjong Induction Requirements
Attachments: Wilpinjong Coal Booking Package 110413 V8.doc

From: Lees, Jamie
Sent: Tuesday, 21 January 2014 2:21 PM
To: 'mudgeelalc@bigpond.com'; 'muronggialinga@hotmail.com'; 'Brad4975@hotmail.com';
'info@warrabinga.com.au'; 'lynsyme@bigpond.com'; 'jamiegray66@gmail.com'; 'midnightdowns@bigpond.com'
Subject: Wilpinjong Induction Requirements

All,

Wilpinjong Coal Pty Ltd have recently updated their induction requirements.

A requirement of the Wilpinjong Coal Mine induction involves the provision of the results of a drug and alcohol test undertaken within **30 days** of the induction. This period has been extended from the previously advised 14 days. Please find attached for your convenience a copy of the revised Wilpinjong Coal Pre-Induction Requirements package.

Note that all other induction requirements remain the same and that inductions are mandatory for all those representatives attending the March 2014 field surveys.

As detailed in the previously provided correspondence dated 19 December 2013, inductions can be arranged through Pegasus Safety.

Please do not hesitate to call should you have any queries.

Regards,

Jamie

Jamie Lees
Manager Project Development & Approvals

Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850
P: +61 (0)2 6370 2528
F: +61 (0)2 6373 4575
M: +61 (0)4 28619577
E: jlees@peabodyenergy.com
W: www.peabodyenergy.com.au

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 Please consider the environment before printing this email.

From: Lees, Jamie [JLees@peabodyenergy.com]
Sent: Monday, 23 December 2013 1:20 PM
To: lynesyme@bigpond.com
Subject: Wilpinjong Extension Project - Field Surveys
Attachments: ltr - North East Wiradjuri Company Ltd.pdf

Hi Lyn,

As requested, please find attached a copy of the letter that was posted out to all registered Aboriginal parties for the Wilpinjong Extension Project last week, regarding the field surveys.

A hard copy has been posted to you.

Regards,

Jamie Lees
Manager Project Development & Approvals

Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850
P: +61 (0)2 6370 2528
F: +61 (0)2 6373 4575
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W: www.peabodyenergy.com.au

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 Please consider the environment before printing this email.

From: Lees, Jamie [JLees@peabodyenergy.com]
Sent: Monday, 23 December 2013 1:19 PM
To: Brad4975@hotmail.com
Subject: FW: Wilpinjong Extension Project - Field Surveys
Attachments: ltr - Wellington Valley Wiradjuri Aboriginal Corporation.pdf

Hi Brad,

As requested, please find attached a copy of the letter that was posted out to all registered Aboriginal parties for the Wilpinjong Extension Project last week, regarding the field surveys.

A hard copy has been posted to you via registered post.

Regards,

Jamie

Jamie Lees
Manager Project Development & Approvals

Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850
P: +61 (0)2 6370 2528
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W: www.peabodyenergy.com.au

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▲ Please consider the environment before printing this email

From: "Lees, Jamie" <JLees@peabodyenergy.com>
Date: February 19, 2014 at 4:13:08 PM GMT+10
To: "lynsyme@bigpond.com" <lynsyme@bigpond.com>
Cc: Josh Peters <jpeters@resourcestrategies.com.au>
Subject: Wilpinjong Extension Project - ACHA Field Surveys

Hi Lyn,

As requested, please find attached a copy of the letter that was posted out to all registered Aboriginal parties for the Wilpinjong Extension Project, regarding the final dates for the field surveys.

A hard copy has been posted to you.

Thanks

Jamie Lees
Manager Project Development & Approvals

Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850
P: +61 (0)2 6370 2528
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M: +61 (0)4 28619577
E: jlees@peabodyenergy.com
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From: "Lees, Jamie" <jlees@peabodyenergy.com>
Date: February 19, 2014 at 4:07:47 PM GMT+10
To: "Brad4975@hotmail.com" <Brad4975@hotmail.com>
Cc: Josh Peters <jpeters@resourcestrategies.com.au>
Subject: Wilpinjong Extension Project - ACHA Field Surveys

Hi Brad,

As requested, please find attached a copy of the letter that was posted out to all registered Aboriginal parties for the Wilpinjong Extension Project, regarding the final dates for the field surveys.

A hard copy has been posted to you via registered post.

Thanks

Jamie Lees
Manager Project Development & Approvals

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Locked Bag 2005, Mudgee NSW 2850
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F: +61 (0)2 6373 4575
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7th January, 2014

Jamie Lees,
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005
MUDGEES. NSW. 2850

Dear Jamie,

**WILPINJONG EXTENSION PROJECT
ABORIGINAL CULTURAL HERITAGE ASSESSMENT**

We are in receipt of your letter of 19 December 2013 and confirm that our organization wishes to be involved in the field survey activities for the above project.

Where applicable travel, meal and accommodation allowances as per the ATO recommended rates will apply.

To prevent any confusion regarding payment protocols our rates are as follows:

Day rate (hour 7.30am 4.00 pm) based on 8 hours work with normal breaks (totaling .75 hours).

Full day rate of \$560 plus GST (in accordance with the RBA inflation calculator).

We do not do half day rates.

During the next six months we will be closely monitoring our administration expenses to ensure that these are being recovered and therefore reserve the right to increase our daily rate if necessary.

The cancellation policy should be 72 hours notice.

PO Box 29 Kandos NSW 2848
ABN: 18125329526
0425 332 434
lynsyme@bigpond.com

It is inappropriate to introduce new rates and conditions because this is a new project, particularly when these rates and conditions are pre Wilpinjong's MLA being granted (some time ago now).

It is the responsibility of the mine to organize Aboriginal cultural heritage field survey activities in an efficient and timely manner, and if this is done there will not be the need for half day rates and cancellation policies.

We have been organizing the Medicals and inductions via Coal Services Health and Pegasus and have not sent out any representatives who do not conform to these requirements.

All medical reports are then sent to Pegasus for recording on the relevant person's On Site Track Easy card.

The Peabody Energy Contractor Pack SWMS seems inappropriate for the work we do. We cannot fit in to a "one size fits all" as our work is different and unique. We have developed a SWMS that covers our employees from home to the mine site (see attached). It is our understanding that they then come under the SWMS of the archaeologist contracted for the particular activity.

We are not authorized to provide employees personal details to anybody, including Wilpinjong. This is a privacy issue. This information has been provided to Pegasus and recorded on their records accordingly. We believe that this fulfills Wilpinjong's requirements.

Yours in Indigenous struggle,



Lyn Syme
Co. Secretary / Director

PO Box 29 Kandos NSW 2848
ABN: 18125329526
0425 332 434
lynsyme@bigpond.com

From: Bradley Bliss [mailto:brad4975@hotmail.com]
Sent: Tuesday, 14 January 2014 12:30 PM
To: Lees, Jamie
Subject: RE: Wilpinjong Contract Pack

Dear Jamie,

I have completed the contractor pack, best I can and attached it for you. You have previously indicated the following:

"As an organisation you should develop your own SWMS as part of your organisations obligations under the Work Health and Safety legislation, however if you are unable to provide one then a SWMS will be developed prior to the work activity, which your organisation can sign onto".

As WVVAC neither has the staff, time or expertise in this area we are accept your offer to work with Peabody Energy - Wilpinjong Coal to develop a SWMS and for our organization sign onto it.

WVVAC would like to formally register for the Aboriginal Cultural Heritage Assessment for the Expansion Project commencing as indicated in your correspondence dated 19th December 2013 on the 03rd of March 2014. See letter attached. I hope to have another Field specialist medical and induction training cleared by this time.

Regards,

Sir Bradley R Bliss GCOJ
WVVAC Director and Chairman
0427321016

From: JLees@peabodyenergy.com
To: brad4975@hotmail.com
Date: Wed, 4 Dec 2013 07:06:10 +1000
Subject: Wilpinjong Contract Pack

Dear Brad

In preparation for the field work next year and as a result of an internal review of Peabody Energy contractor management system, it has been identified that your company has not completed a Wilpinjong contractor pack.

This pack provides all the relevant information H&S about your company to ensure that appropriate information is held by Wilpinjong and is a mandatory requirement for **ALL** contractors working at Wilpinjong.

As an organisation you should develop your own SWMS as part of your organisations obligations under the Work Health and Safety legislation, however if you are unable to provide one then a SWMS will be developed prior to the work activity, which your organisation can sign onto.

This contractor pack requirement is in addition to the Fitness for work certificate requested previously (see attached).

All this information goes towards protecting your organisation and your employees and is now a requirement in most work places.

Please do not hesitate to contact me if you would like to discuss this email.

Regards

Jamie Lees
Manager Project Development & Approvals



PO BOX 508
Wellington NSW 2820
ABN: 77 548 143 187
ICN: 7398

14th January 2014

Jamie Lees
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peapody Energy Australia
Locked Bag 2005
Mudgee, NSW, 2850

Re: Wilpinjong Coal Mine Aboriginal Cultural Heritage Assessment 03 March 2014.

Dear Jamie,

Wellington Valley Wiradjuri Aboriginal Corporation (WVWAC) would like accept the invitation to attend the Aboriginal Heritage Assessment for the Wilpinjong Extension Project as per your correspondence dated 19th December 2013. WVWAC has officially taken responsibility of all Culture and Heritage within our Traditional Lands from Gallangabang Aboriginal Corporation as of 22nd May 2010.

Robert Stewart is our current Field Specialist for this Project and has completed the Wilpinjong Mine Safety Induction and has all relevant PPE and clearances.

WVWAC objects to any other non traditional aboriginal people and or organizations taking part in site surveys, consultation and assessments within our traditional lands. 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 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

Bradley Bliss
WVWAC Director & Chairman
0427321016

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

C/O PO Box 1097

Mudgee NSW 2850

Ph: 02 63720859

Email: muronggialinga@hotmail.com

10/1/14

Jamie Lees.

Manager Project Development & Approvals

Wilpinjong Pty Ltd

Locked Bag 2005

Mudgee. NSW 2850

Dear Jamie

**WILPINJONG EXTENSION PROJECT
ABORIGINAL CULTURAL HERITAGE ASSESSMENT**

We are replying to your letter dated 19/12/13 Murong Gialinga would like to be involved in the field survey for the above project. Our Cultural Site Officers will be Larry Foley & Steven Flick. They have had their medicals .

After speaking with our Directors on the upcoming work plus about Daily Rates, Travel, and Meal Allowances we would like to advise you that Murong Gialinga rates are as follows.
Daily Rate \$500.00 plus GST we would like to add that all Aboriginal Stakeholders should be on the same rate no higher or lower in which we would like to speak to you about as its been quite some time since a change. Murong Gialinga does not do half days rates as the employee is booked for a full day rate.

Travel and Meal Allowances as per ATO rates .

Cancellation policy for Murong Gialinga is 24hrs notice. Murong Gialinga Directors believe it to be inappropriate to introduce new rates also conditions because of this being a new project a meeting should of taken place to discuss this with the Aboriginal Stakeholders first. Please contact us if further information is required.

Kind Regards

Larry Foley

Chairperson



WARRABINGA

Native Title Claimants Aboriginal Corporation

ICN:2972 Incorporated in the Corporations (Aboriginal and Torres Strait Islander) Act 2006

PO Box 282

MUDGEES NSW 2850

FAX: 02 4627 8633

EMAIL: info@warrabinga.com.au



3 February 2014

Mr Jamie Lees
Manager Project Development & Approvals
Wilpinjong Coal Mine Pty Ltd
Locked Bag 2005
Mudgee NSW 2850

Mr Lees,

RE: Wilpinjong Extension Project Aboriginal Cultural Heritage Assessment

Thank you for your invitation to attend field survey / inspection for the Wilpinjong Extension Project Aboriginal Cultural Heritage Assessment to commence Monday 3rd March 2014. Warrabinga would like to be involved in the field survey and will be selecting from our pool of people.

Your Sincerely

Kristen Kerr
On behalf of
Warrabinga NTCAC

From: Robyn Williams [<mailto:robyn.williams@warrabinga.com.au>]
Sent: Monday, 7 July 2014 11:06 AM
To: Lees, Jamie; info@warrabinga.com.au
Subject: RE: Notification of additional Archaeological technical analysis

Dear Jamie,

We are in receipt of your email below regarding Additional Archaeological Technical Analysis that WCPL has scheduled for 11/7/2014.

Issue #10

This is the first time we are being advised any "Additional Analysis" and we do not consider that 8 days' notice is sufficient time for our corporation to provide comment nor do we believe that sufficient details are provided by you in relation to the technique being employed and more importantly what information you are seeking to gain and what you intend to use this information for in the future .

As such we request that the scheduled fieldwork on 11/7/14 be postponed until such a time a more detailed methodology is provided in relation to the proposed Additional analysis and we have had sufficient time to be able to review the methodology and provide comments.

We would also like to seek clarification on who the point of contact is for this project as we have previously received correspondence from Resources Strategies now receiving this email directly from you.

Kind Regards,

Robyn Williams

From: Lees, Jamie [<mailto:JLees@peabodyenergy.com>]
Sent: Thursday, 3 July 2014 11:30 AM
To: info@warrabinga.com.au
Subject: Notification of additional Archaeological technical analysis

Dear Robyn

As you are aware, Wilpinjong Coal Pty Ltd (WCPL) plans to seek approval under Division 4.1 of Part 4 of the NSW *Environmental Planning and Assessment Act, 1979* for further extensions to the Wilpinjong Coal Mine mining operations and development of associated supporting infrastructure and facilities. This application is referred to as the Wilpinjong Extension Project.

As a part of the Aboriginal Impact Assessment work being prepared by South East Archaeology (SEA), representatives from your organisation have participated in the recent Aboriginal Heritage surveys.

Additional Archaeological technical analysis

Due to an archaeological site (being referred to as "Bird Rock") being identified in the Slate Gully area, SEA are proposing to return to the site on **Friday 11 July 2014** to conduct additional archaeological analyses by examining certain features with the use of a high powered microscope.

This work is required to provide SEA with more technical information for the purposes of their assessment. The work does not involve any additional survey of the area.

Participation by Registered Aboriginal Parties (RAP)

As a RAP to the project you are invited to send one representative on a voluntary basis to observe the work being undertaken by SEA. WCPL will not be paying for the attendance of a RAP, but will facilitate arrangements for the RAP to observe the archaeological work.

Please advise me if you would like to be involved in observing this activity. Notification if your group will be attending including the name and contact details of the participant needs to be provided by **10 July 2014**.

General Personal Protection Equipment (PPE) will be required by all attending on the day. The required PPE includes:

- A white hard hat in compliance with Australian Standards.
- Safety glasses.
- Long sleeved shirt with reflective stripes or orange high visibility vest.
- Long pants (jeans or drill cotton).
- Enclosed steel capped boots with metatarsal protection.

Gloves are also required to be kept on your person at all times while on-site, however, WCPL will provide gloves for the duration of the inspection.

Participants should bring their own food and water for the day.

Mine Induction Requirements

Inductions are mandatory for all those representatives attending.

Consultation

Results obtained from this technical analysis will be provided to all RAPs through the Aboriginal Heritage Assessment process and provision of the Draft Assessment Report. Opportunity will also be provided to all RAPs to inspect the Wilpinjong Extension Project Area during this consultation process.

If you have issues or concerns regarding this matter please do not hesitate to contact me.

Regards

Jamie Lees
Manager Project Development & Approvals

Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850
P: +61 (0)2 6370 2528
F: +61 (0)2 6373 4575
M: +61 (0)4 28619577
E: jlees@peabodyenergy.com
W: www.peabodyenergy.com.au

From: Lees, Jamie
Sent: Monday, 7 July 2014 11:40 AM
To: 'Robyn Williams'
Subject: RE: Notification of additional Archaeological technical analysis

Dear Robyn

The analysis simply involves use of a dino-lite, a portable microscope, to inspect features on the surface of a rock shelter to determine whether these features are of human origin (a more thorough examination would probably also be made of other rock surfaces on this pagoda as well).

This work is required by SEA as part of the technical component of their work and is a result of the identification of Bird Rock from the field surveys.

Involvement by the RAP's is not essential for this component of work and all results from the analysis will be communicated back to the RAP's. An invitation to observe this activity is made out of courtesy to all RAP's.

Warringa's participation at this activity will be purely voluntary and you are welcome to attend as are the other RAP's. Therefore the work to be undertaken by SEA will continue as scheduled.

In regards to the Project contact – I am the key Peabody contact. In my role I have delegated the distribution of various correspondences out to Resource Strategies, but you will note that I am always the signatory on all formal correspondence.

Therefore you can continue to expect receipt of correspondence from either myself or from Resource Strategies or SEA with my endorsement.

I hope this addresses your concerns.

Jamie Lees
Manager Project Development & Approvals

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Locked Bag 2005, Mudgee NSW 2850
P: +61 (0)2 6370 2528
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WILPINJONG GOAL
THROUGH THE COMBINED EFFORTS OF ALL OUR PEOPLE WILPINJONG
WILL BE A SAFE, RELIABLE, EFFICIENT PRODUCER OF ENERGY COAL.
WE WILL RESPECT THE ENVIRONMENT AND THE
COMMUNITY IN WHICH WE WORK AND LIVE



 Please consider the environment before printing this email.

Attendance sheet for meeting on 2 April 2015 at which the draft Aboriginal cultural heritage assessment report was presented to stakeholders in attendance for comment and a site inspection was conducted:

Date:		Subject:			
Name:		Organisation:	Sign:	Start Time:	Finish Time:
2 April 2015		Wilpinjong Extension Project – Aboriginal Cultural Heritage Assessment Review			
Paul W Brydon 'Midnight'			<i>[Signature]</i>	9.00 AM	1.00 PM
Tanietta de Launay		Native Title Liaison Officer	<i>[Signature]</i>	9.00 am	2.00 pm
Robert Stewart		Wellington Valley	<i>[Signature]</i>	9.00 am	1.00 pm
PETER KUSKE		South East Archaeology	<i>[Signature]</i>	9.00 am	"
Ian. Ford.		Wilpinjong	<i>[Signature]</i>	9.00 am	
LARRY Foley		MURONG GIALINGA	<i>[Signature]</i>	9.00 am	
CHRISTINE MAYNARD		MLANT	<i>[Signature]</i>	9.00 am	1.00 pm
Lyn Syme		DEW CO	<i>[Signature]</i>	9.00 am	1.00 pm
Robyn F Williams		Warrabingga NTAC	<i>[Signature]</i>	9.00 am	1.00 pm

Example of correspondence sent in Steps 4.3 and 4.4 of OEH consultation process regarding provision of draft Aboriginal cultural heritage assessment report for comment⁵:



2 April 2015

Mudgee Local Aboriginal Land Council
PO Box 1098
MUDGEES NSW 2850

Attention: Tony Lonsdale

Dear Tony,

**RE: WILPINJONG EXTENSION PROJECT – DRAFT ABORIGINAL
CULTURAL HERITAGE ASSESSMENT**

In accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (New South Wales [NSW] Department of Environment, Climate Change and Water, 2010) issued by the NSW Office of Environment and Heritage, please find enclosed for your review and comment, a copy of the draft Aboriginal Cultural Heritage Assessment (ACHA) for the Wilpinjong Extension Project.

If you wish to provide comment on the draft ACHA (including comments relating to Indigenous cultural heritage and/or biodiversity as it may relate to Indigenous cultural heritage) and have those comments included and considered in the final report, you are required to do so (either in writing or verbally) by **5.00 pm on Friday 8 May 2015**. All comments received by that date will be taken into consideration as the ACHA is finalised. The final ACHA will be made available to you after completion.

Could you please direct all correspondence regarding the draft ACHA to:

Ian Flood
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005, Mudgee NSW 2850

Telephone: (02) 6370 2528
Mobile: 0417 049 493
Email: IFlood@peabodyenergy.com

Yours sincerely

IAN FLOOD
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd

WILPINJONG COAL PTY LTD

ABN: 87 104 594 694

100 Melbourne Street
South Brisbane Qld 4101

Locked Bag 2005
Mudgee NSW 2850
Australia
Tel + 61 (0) 2 6370 2500
Fax + 61 (0) 2 6373 4524

⁵ Sent to all registered Aboriginal parties (hand delivered to those present at meeting on 2 April 2015).

Responses received from registered Aboriginal parties in relation to draft Aboriginal cultural heritage assessment report:

Subject: FW: Wilpinjong Extension Project - ACHA Murong Gialinga comments

From: Murong Gialinga [<mailto:muronggialinga@hotmail.com>]

Sent: Thursday, 30 April 2015 8:06 PM

To: Flood, Ian K.

Subject: RE: Wilpinjong Extension Project - Meeting and Site Inspection

To Whom it may concern we are writing to to reply to the Extension Project - Draft Aboriginal Cultural Heritage assessment after reading through the hard copy our Directors have some concerns they are as follows (1) We do not believe that Bird Rock should be destroyed as this is a important place to our people past/ present. (2) All Aboriginal Raps be equal and have equal access to all areas in the mining lease as this can cause mixed feelings within the Aboriginal Community.

Issue #11

Issue #12

we are aware that there is a Native Title agreement but Native Title should not be asked if they approve that other Raps can go to different places as some of our community have ties within Wilpinjong area we

Issue #13

thought this was sorted out after all we are all there for our Culture. (3)We believe all Artefacts should be collected/recorded this means Flakes as they are just important as other Aboriginal Objects the scarred

Issue #14

trees we need a expert on this also the Art work . (4) We would like the Archaeologist to listen to our thoughts after all its our Culture .Kind Regards Debbie Foley

ND

Ian Flood
Manager Project Development & Approvals
Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Locked Bag 2005,
Mudgee NSW 2850

**RE: WILPINJONG EXTENSION PROJECT – DRAFT ABORIGINAL CULTURAL HERITAGE
ASSESSMENT Dated March 2015**

Dear Ian,

Issue #16

ND

Issue #17

Issue #18

ND

Issue #19

Issue #20

ND

Issue #21

ND

ND

ND

ND

WARRABINGA

Native Title Claimants Aboriginal Corporation

PO Box 282
Mudgee NSW 2850
Office: 02 4627 8622
Fax: 02 4605 0815



Wilpinjong Coal Pty Ltd
Peabody Energy Australia
Attn: Ian Flood
Manager Project Development & Approvals
Locked Bag 2005
Mudgee NSW 2850

8th May 2015

Dear Mr Flood,

RE: Comment on Wilpinjong Extension Project – Draft Aboriginal Cultural Heritage Assessment

Below you will find our comments for the draft Aboriginal cultural heritage assessment completed by Peter Kuskie of South East Archaeology Pty Limited for the Wilpinjong Coal Mine – Extension Project.

Issue #22

Warrabinga has reviewed the report prepared by Peter Kuskie of South East Archaeology Pty Limited. The first area of improvement relates to the colour scheme and symbology used in the referenced maps, such as Figure 18, where the "probably direct impacts", "possibly direct or no impacts", and "probably no impacts" blend in with the aerial image, this does result in difficulty clearly identifying where the "probably direct impacts", "possibly direct or no impacts", and "probably no impacts" are located. In Figure 5 the colouration for "Wilpinjong Extension Project Heritage Investigation Area (Detailed Assessment)" blends into with the features of the map.

Issue #23

Issue #24

It is noted several in the report about sites being of high significance, low significance or low to moderate significance but there is no clarification about whether you are referring to cultural, archaeological or overall significance of a site. Please clarify if you are referring to the archaeological significance, the cultural significance or the overall significance.

Issue #25

In paragraph 2 of page 3, it is noted that "the heritage investigation area (for detailed assessment) comprises Zone 1 and 2", you refer to there being a "Zone 3 (other ancillary development)...encompassing the extent of the Development Application area, excluding Zone 1 and 2" in paragraph 1 of page 3. In paragraph 1 of page 63, it is stated "virtually all of Zones 1 and 2...were comprehensively surveyed", there is no mention about survey Zone 3. Please clarify if Zone 3 was surveyed, and if not, why not.

WARRABINGA

Native Title Claimants Aboriginal Corporation

PO Box 282
Mudgee NSW 2850
Office: 02 4627 8622
Fax: 02 4605 0815



- Issue #26** In paragraph 1 of page 12, the coordinates and datum for the Extension Project are included, however the zone is missing. Could you please include the zone where it has been excluded.
- Issue #27** It was noted on page 17, that there were several sites with incorrect grid references. Please clarify if you have provided the Aboriginal Heritage Information Management System (AHIMS) with updated site card.
- Issue #28** In regards to Figure 6 traditionally consultants have provided the AHIMS numbers rather than a private database reference for these types of maps, in order to confirm the Aboriginal sites that AHIMS has on record.
- Issue #29** It was noted in paragraph 1 of page 17 that a supplementary AHIMS search was undertaken on the 20th September 2014. Could you please clarify why you have chosen to include the data from the WCPL database and not AHIMS in Table 1 and Table 2, as there has been no justification provided to explain this action, especially if there were no issues with the AHIMS data when compared to the data from the WCPL database.
- Issue #30** In Section 5.1, the survey coverage is presented in regards to landforms. Could you please clarify what your survey coverage of each of the survey archaeological areas is.
- Issue #31** It is stated in paragraph 1 of page 63 that a "comprehensive archaeological survey coverage was obtained", based on this previous statement we fail to understand what you mean by "comprehensively sampled". Can you please clarify what you mean.
- Issue #32** It is noted in paragraph 4 of page 131 that "test excavations can take the form of...mechanically excavated trenches or surface scrapes". We are aware of OEH advising other heritage consultants that this is not an appropriate strategy. Can you please clarify with OEH, and update us on the outcome.
- Issue #33** It was noted in Section 10.2.5 that "subsequent to completion of the survey and draft report, a minor variation occurred to the northern alignment of the 330kV electricity alignment" and that this revision moved the proposed transmission line closer to WCP174. If this is the case at what point will the additional "systematic heritage survey of this area" be undertaken.
- Issue #34** It is critical that this document contain sufficient information that a person unfamiliar with the project be able to gain an appreciation of the project and what the results of the site inspection were. We would appreciate the integration of the plates from the site inspection being integrated into the body of the report, rather than as an appendix. We would appreciate the inclusion of photographs and dimensions of all

WARRABINGA

Native Title Claimants Aboriginal Corporation

PO Box 282
Mudgee NSW 2850
Office: 02 4627 8622
Fax: 02 4605 0815



Issue #35

previously unidentified Aboriginal stone artefacts that were recorded during the course of the surveys in the report, as well as the inclusion of photos of previously unidentified rock shelters. We would also appreciate the inclusion of photographs showing the landscape and terrain that the site inspections were taken place within.

Issue #36

Issue #37

We would appreciate confirmation that the AHIMS site cards for the 137 Aboriginal sites that were identified as part of this inspection have been lodged with AHIMS.

Issue #38

We would also appreciate confirmation that you have lodged updated site cards with AHIMS for the sites, where the grid references were revised (ref page 67).

Issue #39

Can you please include a note on page 144 that the Aboriginal Site Impact Recording Form will be provided to OEH within 4 months of the completion of the works.

Issue #40

Whilst we have provided the comments for the Aboriginal cultural heritage assessment, we believe that due to the complexity of the report and the limited time provided for reviewing that there are portions of this report that have not been considered appropriately. We also feel that it is reasonable to allow a lengthier period for reviewing all reports of this size and complexity.

Issue #41

We would appreciate, and we believe that the other community groups would like to participate, a meeting with the Department of Planning and Infrastructure about this project.

Should you wish to have a meeting to discuss the issues we have raised please coordinate this with our office via email (info@warrabinga.com.au).

Regards.

Lance Syme

Director

APPENDIX 7.

**ASSESSMENT OF SIGNIFICANCE,
POTENTIAL IMPACTS AND
APPROPRIATE MANAGEMENT STRATEGIES
FOR ALL ABORIGINAL SITES OF
RELEVANCE TO THE
PROPOSED EXTENSION PROJECT**

Notes:

- ❑ Table includes all 297 identified Aboriginal sites, PADs and cultural values inside or within approximately 100 metres of the heritage investigation area (for detailed assessment) for the Extension Project⁶;
- ❑ Following approval of the Extension Project, the entries for each Aboriginal site in this Appendix within the revised approved Project area are intended to replace, or in the case of new sites be added to, or in the case of sites within the approved Open Cut and Contained Infrastructure Area be combined with⁷, current entries in the ACHMP;
- ❑ Area - refers to the heritage investigation area for the Extension Project, which has been categorised and referred to throughout this report within eight 'Areas' (refer to Figure 4 and detailed mapping in Appendix 3);
- ❑ WCP ID# - unique identifying number attributed to Aboriginal sites within the Wilpinjong Coal Mine⁸;
- ❑ Site Name - as attributed by the recorder;
- ❑ OEH AHIMS # - Office of Environment and Heritage Aboriginal Heritage Information Management System number⁹;
- ❑ Site Type - revised site type based on review of reported information, following standard heritage management categories¹⁰;
- ❑ Comments - information (primarily from the WCPL Aboriginal Site Database) about corrections to grid references, nature of the site or other relevant issues;
- ❑ Significance assessment and criteria - refer to Section 7 of report for discussion. L = Local context, R = Regional context. 'mod' = moderate. Level of cultural value pending input from Aboriginal stakeholders.

low significance
low-possibly moderate or low-moderate significance
moderate, moderate-high or high significance
uncertain significance ¹¹

⁶ This area comprises development Zones 1 and 2 with respect to the Extension Project. Refer to the approved ACHMP for all other identified Aboriginal sites within the Wilpinjong Coal Mine (ie. within development Zone 3 or the approved Open Cut and Contained Infrastructure Area).

⁷ Noting that this assessment solely relates to the Extension Project and that for a number of sites, additional actions/management strategies are already approved under the existing Project Approval (05_0021), therefore these site entries need to be combined with the existing site entries in the ACHMP.

⁸ Database is ordered by WCP ID#, all figures utilise WCP ID# where available.

⁹ Noting that numerous sites (particularly those recorded by Navin Officer 2005) are listed by the OEH AHIMS with the incorrect grid reference datum and a number of sites recorded in subsequent surveys and salvages are yet to be listed on the OEH AHIMS register. There are other inaccuracies, such as sites with incorrect grid references.

¹⁰ Not the OEH AHIMS 'site features' or 'site type' categories which contain numerous inaccuracies and omissions.

¹¹ Typically, for previously recorded sites that could not be relocated and for which insufficient information is reported to satisfactorily assess significance.

- ❑ Potential Impacts from Extension Project - refers to the nature of potential impacts from the Extension Project only, prior to the implementation of the recommended management strategy (ie. after implementation of the management strategy, the level of proposed impacts may be reduced for some sites). For sites within the approved Open Cut and Contained Infrastructure Area, additional impacts may already be approved under the approved Project (these are not considered here - refer to the existing Project Approval and ACHMP). Refer to Section 9 of this report for discussion. The 'type of harm', 'degree of harm' and 'consequence of harm' are as specified in the OEH guidelines (DECCW 2010b);

Type of Harm - shading:

possibly direct
possibly direct or none
probable direct, possibly indirect
probably direct
probably direct or none
probably none

- ❑ Appropriate management strategy and rationale - refer to Sections 10 and 11 of this report for discussion.
- ❑ Consequent Impacts - refers to the nature of potential impacts from the Extension Project only, after implementation of the recommended management strategy. For sites within the approved Open Cut and Contained Infrastructure Area, additional impacts may already be approved under the approved Project (these are not considered here - refer to the existing Project Approval and ACHMP). Refer to Sections 9 - 11 of this report for discussion. The consequent impact definitions are as specified in the OEH guidelines (DECCW 2010b).

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
A	31	WCP31	36-3-0605	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low research potential)		low	low	nil	probably none (in approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 and approved impact area; already subject to salvage	manage as per approved Project and ACHMP; unmitigated impact if Zone 3 ancillary works proposed	probably no loss of value from Extension Project
C	44	WCP44	36-3-0618	Rock shelter with PAD	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 but location uncertain; low significance	verify location and potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
C	45	WCP45	36-3-0619	Rock shelter with artefacts	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (small habitable floor area and PAD, low roof, single artefact, low research potential)		low	low	nil	probably total (probably in Zone 1, but location uncertain)	probably direct	probably total	probably total loss of value	in Zone 1 but location uncertain; surface impacts likely; low significance	verify location and potential impacts; unmitigated impact	probably total loss of value
C	46	WCP46	36-3-0620	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; problematic to relocate	unmitigated impact	probably total loss of value
A	54	WCP54	36-3-0628	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Re-recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	possibly total (possibly in Zone 1 or in approved Open Cut and Contained Infrastructure Area)	possibly direct	possibly total	possibly total loss of value	possibly in Zone 1 or in approved impact area; already subject to some salvage; low significance	unmitigated impact	possibly total loss of value
C	56	WCP56	36-3-0630	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; problematic to relocate; WCP530 represents better alternative for test excavation	unmitigated impact	probably total loss of value
G	63	WCP63	36-3-0637	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Probably non-Aboriginal origin.	low L, low R	low (uncertain origin - probably non-Aboriginal, tree dead)		low	low	nil	probably none (in Zone 3 in approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 and approved impact area; scar probably non-Aboriginal	manage as per approved Project and ACHMP; unmitigated impact if Zone 3 ancillary works proposed	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
G	64	WCP64	36-3-0638	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Corrected again after Modification survey January 2013 on basis of more accurate GPS reading. Originally recorded by Navin Officer (2005) and reassessed by Kuskie (2013). Aboriginal origin of scar cannot be discounted.	low L, low R	low (uncertain origin, low quality example)		low	low	nil	probably none (in Zone 3 on margin of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 on margin of approved impact area; origin of scar not conclusive	manage as per approved Project and ACHMP; if Zone 3 ancillary works proposed avoid Extension Project related impacts or undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	probably no loss of value from Extension Project
F	78	WCP78	36-3-0652	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low research potential)		low	low	nil	probably none (in approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in approved impact area; already subject to salvage	manage as per approved Project and ACHMP; unmitigated impact if Zone 3 ancillary works proposed	probably no loss of value from Extension Project
E	86	WCP86	36-3-0522	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low research potential)		low	low	nil	probably none (in Zone 3 and possibly in approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, possibly in Zone 3 in approved impact area; already subject to salvage	manage as per approved Project and ACHMP; unmitigated impact if Zone 3 ancillary works proposed	probably no loss of value from Extension Project
E	87	WCP87	36-3-0523	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low research potential)		low	low	nil	probably partial (possibly partially in Zone 1 and partially in approved Open Cut and Contained Infrastructure Area)	probable direct	probably partial	probably partial loss of value	possibly in Zone 1 and in approved impact area; already subject to some salvage; low significance but modest number of artefacts	surface collection as per approved Project and ACHMP	probably partial loss of value
G	93	WCP93	36-3-0529	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Probably non-Aboriginal origin.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	probably none (in Zone 3 in approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 and approved impact area; scar probably non-Aboriginal	manage as per approved Project and ACHMP; if Zone 3 ancillary works proposed avoid Extension Project related impacts or undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
G	94	WCP94	36-3-0530	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Origin of scar uncertain, probably non-Aboriginal.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	probably none (in Zone 3 in approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 and approved impact area; scar probably non-Aboriginal	manage as per approved Project and ACHMP; if Zone 3 ancillary works proposed avoid Extension Project related impacts or undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	probably no loss of value from Extension Project
G	96	WCP96	36-3-0532	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Origin of scar uncertain, probably non-Aboriginal.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	probably none (in Zone 3 in approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 and approved impact area; scar probably non-Aboriginal	manage as per approved Project and ACHMP; if Zone 3 ancillary works proposed avoid Extension Project related impacts or undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	probably no loss of value from Extension Project
G	97	WCP97	36-3-0533	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Origin of scar uncertain, probably non-Aboriginal.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	possibly total or none (possibly in Zone 3 in approved Open Cut and Contained Infrastructure Area or in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	outside Zone 1, possibly in Zone 2 or in Zone 3 in approved impact area; scar probably non-Aboriginal	manage as per approved Project and ACHMP; if Zone 2 or Zone 3 ancillary works proposed avoid Extension Project related impacts or undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	possibly total loss of value or no loss of value from Extension Project
G	98	WCP98	36-3-0534	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Origin of scar uncertain, probably non-Aboriginal.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	probably none (in Zone 3 in approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 and approved impact area; scar probably non-Aboriginal	manage as per approved Project and ACHMP; if Zone 3 ancillary works proposed avoid Extension Project related impacts or undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	probably no loss of value from Extension Project
B	115	WCP115	36-3-0551	Rock shelter with artefacts	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (relatively small habitable floor area, low roof, limited range of contents, low integrity, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	record in detail; if Zone 2 works proposed avoid impacts if feasible, or unmitigated impact (WCP118/119 salvage to offset)	possibly total loss of value or no loss of value
B	116	WCP116	36-3-0552	Rock shelter with artefacts	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (relatively small habitable floor area, limited range of contents, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	record in detail; if Zone 2 works proposed avoid impacts if feasible, or unmitigated impact (WCP118/119 salvage to offset)	possibly total loss of value or no loss of value
B	117	WCP117	36-3-0553	Rock shelter with PAD	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (relatively small habitable floor area, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	record in detail; if Zone 2 works proposed avoid impacts if feasible, or unmitigated impact (WCP118/119 salvage to offset)	possibly total loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
B	118	WCP118	36-3-0554	Rock shelter with artefacts	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Re-recorded by SEA during Extension Project survey March-June 2014 as single site	mod L, low R	moderate (modest range of contents, several less common types, moderate to high research potential)		low	low	nil	probably partial or total (possibly partially in Zone 1 and partially in Zone 2 immediately adjacent to Zone 1)	probable direct, possibly indirect	probably partial or total	probably partial loss of value or total loss of value	partly in Zone 1 and in immediately adjacent Zone 2; partial or total impacts likely; moderate significance; moderate to high research potential	surface collection; salvage excavation of shelter deposits including areas adjacent to and forward of driplines to mitigate impacts and address locally relevant research questions	probably partial to total loss of value
B	119	WCP119	36-3-0555	Rock shelter with artefacts	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Re-recorded by SEA during Extension Project survey March-June 2014 as single site	mod L, low R	moderate (modest range of contents, several less common types, moderate to high research potential)		low	low	nil	probably partial or total (possibly partially in Zone 1 and partially in Zone 2 immediately adjacent to Zone 1)	probable direct, possibly indirect	probably partial or total	probably partial loss of value or total loss of value	partly in Zone 1 and in immediately adjacent Zone 2; partial or total impacts likely; moderate significance; moderate to high research potential	surface collection; salvage excavation of shelter deposits including areas adjacent to and forward of driplines to mitigate impacts and address locally relevant research questions	probably partial to total loss of value
B	120	WCP120	36-3-0556	Rock shelter with artefacts	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (relatively small habitable floor area, limited range of contents, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	record in detail; if Zone 2 works proposed avoid impacts if feasible, or unmitigated impact (WCP118/119 salvage to offset)	possibly total loss of value or no loss of value
B	121	WCP121	36-3-0557	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Salvage attempted by Apex in November 2013 but no artefacts relocated.	low L, low R	low (common, low research potential)		low	low	nil	probably none (in approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in approved impact area; already subject to attempted salvage	manage as per approved Project and ACHMP; unmitigated impact if Zone 3 ancillary works proposed	probably no loss of value from Extension Project
A	124	WCP124	36-3-0560	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Corrected again after Modification survey on basis of more accurate GPS reading. Originally recorded by Navin Officer (2005) and reassessed by Kuskie (2013). Probably non-Aboriginal origin.	low L, low R	low (uncertain origin - probably non-Aboriginal, low quality example)		low	low	nil	probably none (in Zone 3 in approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 and approved impact area; scar probably non-Aboriginal	manage as per approved Project and ACHMP; unmitigated impact if Zone 3 ancillary works proposed	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
E	147	WCP 147	36-3-0424	Rock shelter with PAD	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Re-recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (modest habitable floor area but low roof throughout, low research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area, but immediately adjacent to Zone 2)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; low significance	if Zone 3 ancillary works proposed avoid impacts	probably no loss of value from Extension Project
E	148	WCP 148	36-3-0425	Rock shelter with PAD	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Re-recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 but immediately adjacent to Zone 3; impacts unlikely; low significance	if Zone 2 works proposed unmitigated impact	possibly total loss of value or no loss of value
F	155	WCP 155	36-3-0432	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low integrity)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; although area of possible moderate to high potential, minor impacts associated with powerline proposed and salvage already attempted but artefacts could not be relocated; site WCP1 salvage in similar context offsets impacts	if Zone 2 works proposed unmitigated impact	possibly total loss of value or no loss of value
F	156	WCP 156	36-3-0433	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; low significance	if Zone 3 ancillary works proposed avoid impacts or unmitigated impact	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
F	160	WCP 160	36-3-0437	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. EA Figure maps site 600 metres north of AHIMS grid reference of 6416123 (AMG). Northing changed here to 6416723 (AMG). Recorded by Navin Officer (2005). Origin of scar uncertain, probably non-Aboriginal.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1 but location uncertain; origin of scar not conclusive	undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	probably total loss of value
F	162	WCP 162	36-3-0439	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Re-recorded by SEA during Extension Project survey March-June 2014 and grid reference updated.	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	if Zone 2 works proposed unmitigated impact	possibly total loss of value or no loss of value
G	163	WCP 163	36-3-0440	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Origin of scar uncertain, probably non-Aboriginal.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; scar probably non-Aboriginal	if Zone 2 works proposed avoid impacts or undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	possibly total loss of value or no loss of value
G	166	WCP 166	36-3-0443	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Origin of scar uncertain, probably non-Aboriginal.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	probably none (in Zone 3)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; scar probably non-Aboriginal	if Zone 3 ancillary works proposed avoid impacts or undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	probably no loss of value from Extension Project
G	167	WCP 167	36-3-0444	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Origin of scar uncertain, probably non-Aboriginal.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	possibly total or none (possibly in Zone 2 or in Zone 3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or in Zone 3; scar probably non-Aboriginal	if Zone 2 or Zone 3 ancillary works proposed avoid impacts or undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	possibly total loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
G	168	WCP 168	36-3-0445	Rock shelter with PAD	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (in Zone 2, close to Zone 3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 but immediately adjacent to Zone 3, however location uncertain; low significance	verify location and potential impacts; if Zone 2 or Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
G	169	WCP 169	36-3-0446	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Origin of scar uncertain, probably non-Aboriginal.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	probably total (in Zone 1 or in approved Open Cut and Contained Infrastructure Area)	probably direct	probably total	probably total loss of value	in Zone 1 or in approved impact area; scar probably non-Aboriginal	manage as per approved Project and ACHMP; unmitigated impact if Zone 1 works proposed	probably no loss of value from Extension Project
G	170	WCP 170	36-3-0447	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Origin of scar uncertain, probably non-Aboriginal.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	probably none (in Zone 3)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; scar probably non-Aboriginal	if Zone 3 ancillary works proposed avoid impacts or undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	probably no loss of value from Extension Project
G	171	WCP 171	36-3-0448	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Origin of scar uncertain, probably non-Aboriginal.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	probably none (in Zone 3)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; scar probably non-Aboriginal	if Zone 3 ancillary works proposed avoid impacts or undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	probably no loss of value from Extension Project
A	179	WCP 179	36-3-0456	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low research potential)		low	low	nil	probably none (in approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 and approved impact area; already subject to salvage	manage as per approved Project and ACHMP; unmitigated impact if Zone 3 ancillary works proposed	probably no loss of value from Extension Project
C	181	WCP 181	36-3-0458	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; problematic to relocate; WCP530 represents better alternative for test excavation	unmitigated impact	probably total loss of value
F	187	WCP 187	36-3-0464	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; problematic to relocate	unmitigated impact	probably total loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
G	195	WCP195	36-3-0471	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; problematic to relocate	unmitigated impact	probably total loss of value
G	196	WCP196	36-3-0472	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Origin of scar uncertain, probably non-Aboriginal.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	possibly total or none (possibly in Zone 2 or in approved Open Cut and Contained Infrastructure Area)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	outside Zone 1, possibly in Zone 2 or in approved impact area; scar probably non-Aboriginal	if Zone 2 works proposed avoid Extension Project related impacts or undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	possibly total loss of value or no loss of value from Extension Project
G	197	WCP197	36-3-0473	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Origin of scar uncertain, probably non-Aboriginal.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	possibly total or none (possibly in Zone 2 or in approved Open Cut and Contained Infrastructure Area)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	outside Zone 1, possibly in Zone 2 or in approved impact area; scar probably non-Aboriginal	if Zone 2 works proposed avoid Extension Project related impacts or undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	possibly total loss of value or no loss of value from Extension Project
B	209	WCP209	36-3-0485	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low-possibly mod L, low R	low-possibly mod (common, possibly moderate research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential	test and salvage excavation within testing zone 'B9/13' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably partial to total loss of value
B	210	WCP210	36-3-0486	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; problematic to relocate	unmitigated impact	probably total loss of value
B	211	WCP211	36-3-0487	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Salvage attempted by Apex in November 2013 but no artefacts relocated.	low L, low R	low (common, low integrity, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; some salvage already undertaken	unmitigated impact	probably total loss of value
A	212	WCP212	36-3-0488	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005) who consider it to be possibly non-artefactual.	low L, low R	low (common, low research potential, probably non-Aboriginal)		low	low	nil	probably total (in Zone 1 or in approved Open Cut and Contained Infrastructure Area)	probably direct	probably total	probably total loss of value	in Zone 1 or in approved impact area; probably non-Aboriginal	unmitigated impact	probably total loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
A	213	WCP213	36-3-0489	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Salvage attempted by Apex in November 2013 but no artefacts relocated.	low L, low R	low (common, low integrity, low research potential, although one less common item - axe)		low	low	nil	probably none (in approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 and approved impact area; already subject to salvage	manage as per approved Project and ACHMP; attempt further surface collection if Zone 3 ancillary works proposed	probably no loss of value from Extension Project
B	215	WCP215	36-3-0491	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Salvage attempted by Apex in November 2013 but no artefacts relocated.	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; problematic to relocate	unmitigated impact	probably total loss of value
B	216	WCP216	36-3-0492	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Grid references note site extending over 400 metres (AGD 767084-7674457, 6418194-6418415). Only 1 point mapped. Recorded by Navin Officer (2005). Extensive test and salvage excavations by Kayandel (Syme <i>et al</i> 2013), with limited results. Salvage collection by Apex in November 2013.	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; substantial salvage already undertaken	unmitigated impact	probably total loss of value
F	217	WCP217	36-3-0493	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; low significance	if Zone 3 ancillary works proposed avoid impacts or unmitigated impact	probably no loss of value from Extension Project
F	218	WCP218	36-3-0494	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; low significance	if Zone 3 ancillary works proposed avoid impacts or unmitigated impact	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
F	219	WCP219	36-3-0495	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low-possibly mod L, low R	low-possibly mod (common, possibly moderate research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; although area of possible moderate to high potential, minor impacts associated with powerline proposed and some salvage already undertaken; site WCP1 salvage in similar context offsets impacts	if Zone 2 works proposed unmitigated impact	possibly total loss of value or no loss of value
E	229	WCP229	36-3-0505	Rock shelter with PAD	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 but immediately adjacent to Zone 3; impacts unlikely; low significance	if Zone 2 works proposed unmitigated impact	possibly total loss of value or no loss of value
E	230	WCP230	36-3-0506	Rock shelter with PAD	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 but immediately adjacent to Zone 3; impacts unlikely; low significance	if Zone 2 works proposed unmitigated impact	possibly total loss of value or no loss of value
E	231	WCP231	36-3-0507	Rock shelter with PAD	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (relatively small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 but location uncertain; low significance	verify location and potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
G	232	WCP232	36-3-0508	Rock shelter with PAD	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Probably re-recorded by SEA during Extension Project survey March-June 2014 as site WCP567.	low L, low R	low (relatively small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
G	233	WCP233	36-3-0509	Rock shelter with PAD	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; low significance	if Zone 3 ancillary works proposed avoid impacts if feasible or unmitigated impact	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
G	235	WCP235	36-3-0511	Open artefact site	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005).	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; problematic to relocate	unmitigated impact	probably total loss of value
G	236	WCP236	36-3-0512	Scarred tree (possible Aboriginal)	AHIMS incorrectly listed datum as GDA when actually AGD as per site card and report/figure. Corrected here. Recorded by Navin Officer (2005). Probably non-Aboriginal origin.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1 but location uncertain; origin of scar not conclusive	undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	probably total loss of value
G	264	264	pending	Open artefact site	No AHIMS card, no details in any report apart from location marked on Figure 5.1 of Navin Officer 2006 salvage report indicating isolated artefact, grid references provided by Resource Strategies. Unverified.	low L, low R	low (assumed to be isolated artefact based on Navin Officer map key and current survey results in this location)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; highly modified area, low potential; problematic to relocate	unmitigated impact	possibly total loss of value or no loss of value
G	265	265	pending	Open artefact site	No AHIMS card, no details in any report apart from location marked on Figure 5.1 of Navin Officer 2006 salvage report indicating artefact scatter of less than 50 artefacts, grid references provided by Resource Strategies. Unverified.	low L, low R	low (assumed to be small open artefact site based on Navin Officer map key and current survey results in this location)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1 but location uncertain; surface impacts likely; problematic to relocate	undertake further assessment and salvage by surface collection if evidence determined to be of more than low significance, otherwise unmitigated impact	probably total loss of value
G	266	266	pending	Open artefact site	No AHIMS card, no details in any report apart from location marked on Figure 5.1 of Navin Officer 2006 salvage report indicating isolated artefact, grid references provided by Resource Strategies. Unverified.	low L, low R	low (assumed to be isolated artefact based on Navin Officer map key and current survey results in this location)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1 but location uncertain; surface impacts likely; problematic to relocate	unmitigated impact	probably total loss of value
H	267	267	pending	Open artefact site	No AHIMS card, no details in any report apart from location marked on Figure 5.1 of Navin Officer 2006 salvage report indicating artefact scatter of more than 50 artefacts, grid references provided by Resource Strategies. Unverified.	uncertain	uncertain		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2; in Zone 3; uncertain significance but in zone of high potential along Wilpinjong Creek	if Zone 3 ancillary works proposed undertake further assessment and salvage by surface collection and possibly excavation if evidence determined to be of more than low significance, otherwise unmitigated impact	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
G	270	270	pending	Open artefact site	No AHIMS card, no details in any report apart from location marked on Figure 5.1 of Navin Officer 2006 salvage report indicating artefact scatter of less than 50 artefacts, grid references provided by Resource Strategies. Unverified.	uncertain	uncertain		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; uncertain significance but in zone of high potential along Wilpinjong Creek	if Zone 3 ancillary works proposed undertake further assessment and salvage by surface collection and possibly excavation if evidence determined to be of more than low significance, otherwise unmitigated impact	probably no loss of value from Extension Project
G	271	271	pending	Open artefact site	No AHIMS card, no details in any report apart from location marked on Figure 5.1 of Navin Officer 2006 salvage report indicating isolated artefact, grid references provided by Resource Strategies. Unverified.	low L, low R	low (assumed to be isolated artefact based on Navin Officer map key and current survey results in this location)		low	low	nil	possibly total or none (margin of Zone 2 and Zone 3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 or in Zone 3; problematic to relocate; in possible secondary resource zone/area of potential along Wilpinjong Creek; impacts offset by nearby test and salvage excavation as part of a systematic program across the Extension Project	unmitigated impact	possibly total loss of value or no loss of value
G	272	272	pending	Open artefact site	No AHIMS card, no details in any report apart from location marked on Figure 5.1 of Navin Officer 2006 salvage report indicating artefact scatter of less than 50 artefacts, grid references provided by Resource Strategies. Unverified.	uncertain	uncertain		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; uncertain significance but in zone of high potential along Wilpinjong Creek	if Zone 3 ancillary works proposed undertake further assessment and salvage by surface collection and possibly excavation if evidence determined to be of more than low significance, otherwise unmitigated impact	probably no loss of value from Extension Project
G	273	273	pending	Open artefact site	No AHIMS card, no details in any report apart from location marked on Figure 5.1 of Navin Officer 2006 salvage report indicating artefact scatter of less than 50 artefacts, grid references provided by Resource Strategies. Unverified but probably equates to WCP559.	low-possibly mod L, low R	low-possibly mod (common, moderate research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; in secondary resource zone/area of potential along Wilpinjong Creek	if impacts proposed, test and salvage excavation within testing zone 'G2-6' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	possibly total or partial loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
A	279	CE-05-OS	36-3-0681	Open artefact site	Recorded by Kayandel (2006b).	low-possibly mod L, low R	low-possibly mod (common, moderate research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; in secondary resource zone/area of potential along Wilpinjong Creek	if impacts proposed, test and salvage excavation within testing zone 'A41' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	possibly total or partial loss of value or no loss of value
A	280	CE-06-OS	36-3-0682	Open artefact site	Recorded by Kayandel (2006b).	low-possibly mod L, low R	low-possibly mod (common, moderate research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; in secondary resource zone/area of potential along Wilpinjong Creek	if impacts proposed, test and salvage excavation within testing zone 'A41' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	possibly total or partial loss of value or no loss of value
A	281	CE-07-IF	36-3-0683	Open artefact site	Recorded by Kayandel (2006b).	low L, low R	low (common, possibly moderate research potential but isolated, appears non-artefactual)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; uncertain significance but in zone of high potential along Wilpinjong Creek	if Zone 3 ancillary works proposed, undertake test and salvage excavation within testing zone 'A41' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably no loss of value from Extension Project
A	282	CE-08-OS	36-3-0684	Open artefact site	Recorded by Kayandel (2006b). Grid reference on AHIMS incorrect. Corrected from AGD 768539:6421 349 to AGD 768485:6421 409 as listed on site card and consistent with site card mapping.	mod L, low R	moderate (modest range of contents, several less common types, high research potential)		low	low	nil	possibly total or none (probably at least partially in Zone 2)	possibly direct or none	possibly partial or none	possibly partial loss of value or no loss of value	at least partially in Zone 2; in secondary resource zone/area of potential along Wilpinjong Creek; modest range of contents; high research potential	if impacts proposed, test and salvage excavation within testing zone 'A41' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	possibly partial loss of value or no loss of value
A	283	CE-09-OS	36-3-0685	Open artefact site	Recorded by Kayandel (2006b).	low-possibly mod L, low R	low-possibly mod (common, moderate research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; uncertain significance but in zone of high potential along Wilpinjong Creek	if Zone 3 ancillary works proposed, undertake test and salvage excavation within testing zone 'A41' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEI AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
A	284	CE-10-OS	36-3-0686	Open artefact site	Recorded by Kayandel (2006b).	low-possibly mod L, low R	low-possibly mod (common, possibly moderate research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; in secondary resource zone/area of potential along Wilpinjong Creek	if impacts proposed, test and salvage excavation within testing zone 'A41' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	possibly total or partial loss of value or no loss of value
A	285	CE-11-OS	36-3-0687	Open artefact site	Recorded by Kayandel (2006b).	low-possibly mod L, low R	low-possibly mod (common, possibly moderate research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; in secondary resource zone/area of potential along Wilpinjong Creek	if impacts proposed, test and salvage excavation within testing zone 'A41' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	possibly total or partial loss of value or no loss of value
A	286	CE-12-OS	36-3-0688	Open artefact site	Recorded by Kayandel (2006b).	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance; problematic to relocate	unmitigated impact	possibly total loss of value or no loss of value
A	287	CE-13-IF	36-3-0689	Open artefact site	Recorded by Kayandel (2006b).	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance; problematic to relocate	unmitigated impact	possibly total loss of value or no loss of value
G	289	WE1	pending	Scarred tree	289a/289b mislabelled in earlier databases. Recorded by Kayandel (2006). Probably non-Aboriginal origin.	low L, low R	low (uncertain origin - probably non-Aboriginal)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1 but location uncertain; origin of scar not conclusive	undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	probably total loss of value
G	290	WE2	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Numerous shelters in adjacent area.	uncertain	uncertain		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; recorded as 'rock shelter complex'; significance uncertain; locations uncertain	if Zone 3 works proposed in locality verify locations and potential impacts, record in detail and assess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
G	291	WE3	pending	Open artefact site	Recorded by Kayandel (2006).	low L, low R	low (common, low research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; low significance	if Zone 3 ancillary works proposed avoid impacts or unmitigated impact	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
G	292	WE4	pending	Open artefact site	Recorded by Kayandel (2006).	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; problematic to relocate	unmitigated impact	probably total loss of value
D	293	WE5	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Numerous shelters in adjacent area. Appears that Kayandel personnel grid reference datum on day of recording incorrect, if MGA (not AMG as reported), actual MGA coordinate would be 769773:6416600 which corresponds much better to contours and probable location.	uncertain	uncertain		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; recorded as 'rock shelter complex'; significance uncertain; locations uncertain	verify locations; if Zone 3 works proposed in locality record in detail, assess potential impacts and assess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
D	294	WE6	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Appears that Kayandel personnel grid reference datum on day of recording incorrect, if MGA (not AMG as reported), actual MGA coordinate would be 769536:6416691 which corresponds much better to contours and probable location.	uncertain	uncertain		low	low	nil	probably none (in Zone 2 or more likely in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	probably in Zone 3 but location uncertain; recorded as 'rock shelter complex'; significance uncertain	verify locations; if Zone 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and assess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
D	295	WE7	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Appears that Kayandel personnel grid reference datum on day of recording incorrect, if MGA (not AMG as reported), actual MGA coordinate would be 769407:6416785 which corresponds much better to contours and probable location.	uncertain	uncertain		low	low	nil	probably none (currently reported location in approved Open Cut and Contained Infrastructure Area but actual location more likely in Zone 3 outside of approved impact area)	probably none	probably none	probably no loss of value	probably in Zone 3 but location uncertain; significance uncertain	verify location; if Zone 3 works proposed in locality record in detail, assess potential impacts and assess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
D	296	WE8	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Appears that Kayandel personnel grid reference datum on day of recording incorrect, if MGA (not AMG as reported), actual MGA coordinate would be 769503:6416721 which corresponds much better to contours and probable location.	uncertain	uncertain		low	low	nil	probably none (currently reported location in approved Open Cut and Contained Infrastructure Area but actual location more likely in Zone 3 outside of approved impact area)	probably none	probably none	probably no loss of value	probably in Zone 3 but location uncertain; significance uncertain	verify location; if Zone 3 works proposed in locality record in detail, assess potential impacts and assess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
D	297	WE9	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Appears that Kayandel personnel grid reference datum on day of recording incorrect, if MGA (not AMG as reported), actual MGA coordinate would be 769450:6416641 which corresponds much better to contours and probable location.	uncertain	uncertain		low	low	nil	probably none (currently reported location in Zone 2 but actual location more likely in Zone 3 outside of approved impact area)	probably none	probably none	probably no loss of value	probably in Zone 3 but location uncertain; significance uncertain	verify location; if Zone 3 works proposed in locality record in detail, assess potential impacts and assess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
D	298	WE10	pending	Rock shelter with artefacts and Waterhole/ well	Recorded by Kayandel (2006). Appears that Kayandel personnel grid reference datum on day of recording incorrect, if MGA (not AMG as reported), actual MGA coordinate would be 769305:6416622 which corresponds better to contours and probable location.	uncertain	uncertain		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; significance uncertain; location uncertain	verify location; if Zone 3 works proposed in locality record in detail, assess potential impacts and assess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
A	305	WE17	pending	Open artefact site	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain. If MGA (not AMG as reported) actual MGA coordinate would be 766959:6419054.	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (possibly in Zone 2 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or possibly outside of Zones 1-3; low significance; problematic to relocate	unmitigated impact	possibly total loss of value or no loss of value
A	306	WE18	pending	Open artefact site	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance; problematic to relocate	unmitigated impact	possibly total loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
A	307	WE19	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Kayandel grid reference datum on day of recording incorrect, should be MGA (not AMG as reported). MGA location corresponds to site WCP480 and photographs confirm same site.	low-possibly mod L, low R	low (moderate size shelter, possibly moderate research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; low to possibly moderate significance	if Zone 3 ancillary works proposed avoid impacts	probably no loss of value from Extension Project
A	308	WE20	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Kayandel grid reference datum on day of recording incorrect, should be MGA (not AMG as reported). MGA location corresponds to site WCP475 and photographs confirm same site.	low L, low R	low (relatively small to moderate habitable floor area and PAD but possibly shallow, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
A	309	WE21	pending	Open artefact site	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain. If MGA (not AMG as reported) actual MGA coordinate would place this site as part of WCP438.	low L, low R	low (common, low research potential)		low	low	nil	probably none (in Zone 3 and within approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 in approved impact area	manage as per approved Project and ACHMP; unmitigated impact if Zone 3 ancillary works proposed	probably no loss of value from Extension Project
A	310	WE22	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain. If MGA (not AMG as reported) actual MGA coordinate would place this site almost outside of the investigation area around survey area A128.	low L, low R	low (relatively small to moderate habitable floor area and PAD but low roof, sloping floor, low research potential)		low	low	nil	possibly total or none (possibly in Zone 2 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
A	311	WE23	pending	Open artefact site	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (possibly in Zone 2 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or possibly outside of Zones 1-3 but location uncertain; low significance; problematic to relocate	unmitigated impact if in Zones 1-3	possibly total loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
A	312	WE24	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Appears that Kayandel personnel grid reference datum on day of recording incorrect, if MGA (not AMG as reported), actual MGA coordinate would be 767096:6418933 which corresponds better to contours and probable location.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 2 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or possibly outside of Zones 1-3 but location uncertain; significance uncertain	verify location; if Zone 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and assess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
A	313	WE25	pending	Open artefact site	Recorded by Kayandel (2006). Appears that Kayandel personnel grid reference datum on day of recording incorrect, if MGA (not AMG as reported), actual MGA coordinate would be 767121:6418896 which corresponds better to contours and probable location.	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (possibly in Zone 1 or 2 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 1 or 2, but more probably outside of Zones 1-3; low significance; problematic to relocate	unmitigated impact if in Zones 1-3	possibly total loss of value or no loss of value
A	314	WE26	pending	Waterhole/well	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain. Natural feature with no evidence of Aboriginal modification or use.	low L, low R	nil (natural feature, no evidence of use)		low	nil	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; natural feature with no evidence of use	if Zone 2 works proposed unmitigated impact	possibly total loss of value or no loss of value
A	315	WE27	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain. If MGA (not AMG as reported) actual MGA coordinate would place this site almost outside of the investigation area. Appears to be exactly same site as WCP316.	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (possibly in Zone 2 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
A	316	WE28	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain. If MGA (not AMG as reported) actual MGA coordinate would place this site almost outside of the investigation area. Appears to be exactly same site as WCP315.	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (possibly in Zone 2 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
A	317	WE29	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain. If MGA (not AMG as reported) actual MGA coordinate would place this site almost outside of the investigation area.	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (possibly in Zone 2 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
A	318	WE30	pending	Open artefact site	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	low L, low R	low (common, low research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area or possibly outside of Zones 1-3)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 or possibly outside of Zones 1-3; low significance	if Zone 3 ancillary works proposed verify location and avoid impacts or unmitigated impact	probably no loss of value from Extension Project
A	319	WE31	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Number of shelters in adjacent area. Accuracy of reported grid reference datum uncertain. Could correspond to sites WCP 482 and 483 recorded by SEA during Extension Project survey.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 2 or possibly in Zone 3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or possibly in Zone 3 but location uncertain	verify location; if Zone 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
A	320	WE32	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area or possibly outside of Zones 1-3)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 or possibly outside of Zones 1-3, but location uncertain; uncertain significance	verify location; if Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
A	321	WE33	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Number of shelters in adjacent area. Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area or possibly outside of Zones 1-3)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 or possibly outside of Zones 1-3, but location uncertain; uncertain significance	verify location; if Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
A	322	WE34	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area or possibly outside of Zones 1-3)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 or possibly outside of Zones 1-3, but location uncertain; uncertain significance	verify location; if Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
B	323	WE35	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Number of shelters in adjacent area. Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	probably none (outside of Zones 1-3)	probably none	probably none	probably no loss of value	outside Zones 1-3, but location uncertain; uncertain significance	verify location; if within Zone 3 record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
B	324	WE36	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Number of shelters in adjacent area. Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	probably none (outside of Zones 1-3)	probably none	probably none	probably no loss of value	outside Zones 1-3, but location uncertain; uncertain significance	verify location; if within Zone 3 record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
B	325	WE37	pending	Rock shelter with artefacts	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	probably none (outside of Zones 1-3)	probably none	probably none	probably no loss of value	outside Zones 1-3, but location uncertain; uncertain significance	verify location; if within Zone 3 record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
B	326	WE38	pending	Open artefact site	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	low-possibly mod L, low R	low-possibly mod (common, possibly moderate research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential	verify location; test and salvage excavation within testing zone 'B9/13' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably partial to total loss of value
B	327	WE39	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 2 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
B	328	WE40	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 2 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
B	329	WE41	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Northing not on site card. Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 1 or Zone 2 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 1 or 2 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 1, 2 or 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
B	330	WE42	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 1 or possibly in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 1 or 2 but location uncertain	verify location; if Zone 1, 2 or 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
B	331	WE43	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 1 or possibly in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 1 or 2 but location uncertain	verify location; if Zone 1, 2 or 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
B	332	WE44	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 1 or possibly in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 1 or 2 but location uncertain	verify location; if Zone 1, 2 or 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
B	333	WE45	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 1 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 1 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 1, 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
B	334	WE46	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	probably none (in Zone 2 or more likely in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	probably in Zone 3 but location uncertain; significance uncertain	verify location; if Zone 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and assess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
B	336	WE48	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain. May correspond to site WCP516.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 2 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
B	337	WE49	pending	Open artefact site	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (possibly in Zone 2 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or possibly outside of Zones 1-3 but location uncertain	avoid impacts or unmitigated impact	probably no loss of value from Extension Project
B	338	WE50	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 2 or in Zone 3 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or 3 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
B	339	WE51	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 2 or in Zone 3 or possibly outside of Zones 1-3, although current location shows within approved Open Cut and Contained Infrastructure Area)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or 3 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 1, 2 or 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
C	340	WE52	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 1 or possibly in Zone 2 or 3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 1, more likely in Zone 2 or 3 but location uncertain	verify location; if Zone 1, 2 or 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
C	341	WE53	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 1 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 1 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 1, 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
C	342	WE54	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 1 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 1 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 1, 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
C	343	WE55	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	probably none (outside of Zones 1-3)	probably none	probably none	probably no loss of value	outside Zones 1-3, but location uncertain; uncertain significance	verify location; if within Zone 3 record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
C	351	WE63	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 2 or in Zone 3 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 2 or 3 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 2 or Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
C	352	WE64	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	probably none (outside of Zones 1-3)	probably none	probably none	probably no loss of value	outside Zones 1-3, but location uncertain; uncertain significance	verify location; if within Zone 3 record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
C	353	WE65	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	possibly total or none (possibly in Zone 3 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	possibly in Zone 3 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
G	356	WE68	pending	Rock shelter with artefacts	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain.	uncertain	uncertain		low	low	nil	probably total or none (possibly in Zone 2 but probably in Zone 1 or within approved Open Cut and Contained Infrastructure Area)	probably direct or none	probably total or none	probably total loss of value or no loss of value	possibly in Zone 2 but probably in Zone 1 or within approved Open Cut and Contained Infrastructure Area but location uncertain; significance uncertain	verify location; if Zone 1, 2 or 3 works proposed in locality record in detail, assess potential impacts and reassess significance; if within approved area, salvage by surface collection and excavation if low-moderate or higher significance and cannot avoid impacts; unmitigated impact if low significance and not feasible to avoid impacts	possibly total loss of value or no loss of value
C	362	WE74	pending	Waterhole/well	Recorded by Kayandel (2006). Natural feature with no evidence of Aboriginal modification or use. Accuracy of reported grid reference datum uncertain, but potentially correct.	low L, low R	nil (natural feature, no evidence of use)		low	nil	nil	possibly total or none (in Zone 2 or possibly Zone 3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 or 3 but location uncertain; natural feature with no evidence of use	verify location; if Zone 2 or 3 works proposed unmitigated impact	possibly total loss of value or no loss of value
C	364	WE76	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Northing clearly incorrect, probably typo, corrected from 6426 to 6416... Accuracy of reported grid reference datum uncertain, but potentially correct.	uncertain	uncertain		low	low	nil	probably none (outside of Zones 1-3)	probably none	probably none	probably no loss of value	outside Zones 1-3, but location uncertain; uncertain significance	verify location; if within Zone 3 record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
C	365	WE77	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain, but potentially correct.	uncertain	uncertain		low	low	nil	probably none (outside of Zones 1-3)	probably none	probably none	probably no loss of value	probably outside Zones 1-3 but location uncertain; uncertain significance	verify location; if within Zone 2 or 3 record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
C	366	WE78	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain, but potentially correct.	uncertain	uncertain		low	low	nil	probably none (possibly in Zone 3 but probably outside of Zones 1-3)	probably none	probably none	probably no loss of value	possibly in Zone 3 but probably outside Zones 1-3 but location uncertain; uncertain significance	verify location; if within Zone 3 record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
C	367	WE79	pending	Rock shelter with artefacts	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain, but potentially correct.	uncertain	uncertain		low	low	nil	possibly total or none (probably in Zone 3 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	probably in Zone 3 or possibly outside of Zones 1-3 but location uncertain	verify location; if Zone 3 works proposed in locality record in detail, assess potential impacts and reassess significance; avoid impacts if low-moderate or higher significance, or unmitigated impact if low significance and not feasible to avoid impacts	probably no loss of value from Extension Project
C	368	WE80	pending	Open artefact site	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain, but potentially correct.	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (probably in Zone 3 or possibly outside of Zones 1-3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	probably in Zone 3 or possibly outside of Zones 1-3 but location uncertain; low significance	if Zone 3 ancillary works proposed verify location and avoid impacts or unmitigated impact	probably no loss of value from Extension Project
C	373	WE85	pending	Rock shelter with PAD	Recorded by Kayandel (2006). Accuracy of reported grid reference datum uncertain, but potentially correct to within 50 metres. Appears to correspond to WCP526 recorded during Extension Project survey.	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (probably in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	probably in Zone 2	if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
A	438	WCP 438	36-3-2640	Open artefact site	Recorded by SEA 23/1/13 during survey of Modification.	low-possibly mod L, low R	low-possibly mod (common, moderate range of contents, low research potential)		low	low	nil	probably none (in Zone 3 and within approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 in approved impact area	manage as per approved Project and ACHMP; surface collection if Zone 3 ancillary works proposed	probably no loss of value from Extension Project
B	439	WCP 439	36-3-2649	Open artefact site	Recorded by SEA 23/1/13 during survey of Modification. Salvage collection by Apex in November 2013.	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (in Zone 2 and possibly partially within approved Open Cut and Contained Infrastructure Area)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 and possibly partially within approved impact area; low significance; already subject to salvage	if Zone 2 works proposed unmitigated impact	possibly total loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEI AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
B	440	WCP 440	36-3-2648	Open artefact site	Recorded by SEA 23/1/13 during survey of Modification. Salvage collection by Apex in November 2013.	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (in Zone 2 and possibly partially within approved Open Cut and Contained Infrastructure Area)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 and possibly partially within approved impact area; low significance; already subject to salvage	if Zone 2 works proposed unmitigated impact	possibly total loss of value or no loss of value
G	448	WCP 448	36-3-2639	Open artefact site	Recorded by SEA 24/1/13 during survey of Modification.	low L, low R	low (common, low integrity, low research potential)		low	low	nil	probably none (in Zone 3 and within approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 in approved impact area	manage as per approved Project and ACHMP; unmitigated impact if Zone 3 ancillary works proposed	probably no loss of value from Extension Project
G	449	WCP 449	36-3-2677	Open artefact site	Recorded by Apex Archaeology in September 2013 during due diligence survey	low L, low R	low (common, possibly moderate research potential but isolated)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	in Zone 3; problematic to relocate; in secondary resource zone/area of potential along Wilpinjong Creek; impacts offset by nearby test and salvage excavation as part of a systematic program across the Extension Project	if Zone 3 ancillary works proposed, undertake test and salvage excavation within testing zone 'G2-6' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably no loss of value from Extension Project
A	451	WCP 451	36-3-2679	Open artefact site	Recorded by Apex Archaeology in September 2013 during due diligence survey	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; problematic to relocate	unmitigated impact	probably total loss of value
A	452	WCP 452	36-3-2680	Open artefact site	Recorded by Apex Archaeology in September 2013 during due diligence survey. Re-recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
A	36-3-0103	Wilpinjong;	36-3-0103	Scarred tree	Originally recorded by Warren Bluff. Aboriginal origin of scar cannot be discounted. Location uncertain.	low L, low R	low (uncertain origin, tree dead)		low	low	nil	probably none (in Zone 3)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; scar origin or location uncertain	if Zone 3 ancillary works proposed avoid impacts or undertake further assessment and salvage if confirmed as Aboriginal scar and impacts cannot be avoided	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
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G	36-3-0352	Slate Gully	36-3-0352	Open artefact site	Recorded by David Maynard. No AHIMS card, no details in any report apart from OEH data indicating 2 artefacts. Unverified.	low L, low R	low (assumed to be small open artefact site based on AHIMS data and current survey results in this location)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
A	36-3-0653	WC OS 16 with PAD	36-3-0653	Open artefact site	Recorded by OzArk (2005). Re-recorded by SEA during Extension Project survey March-June 2014.	low-possibly mod L, low R	low-possibly mod (common, possibly moderate research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; in secondary resource zone/area of potential along Wilpinjong Creek	if impacts proposed, test and salvage excavation within testing zone 'A9/11/12' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	possibly total or partial loss of value or no loss of value
A	36-3-0659	WC IF 5	36-3-0659	Open artefact site	Recorded by OzArk (2005).	low L, low R	low (common, possibly moderate research potential but isolated, low integrity)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; in secondary resource zone/area of potential along Wilpinjong Creek	if impacts proposed, test and salvage excavation within testing zone 'A9/11/12' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	possibly total or partial loss of value or no loss of value
A	36-3-0660	WC OS 15 with PAD	36-3-0660	Open artefact site	Recorded by OzArk (2005).	low-possibly mod L, low R	low-possibly mod (common, possibly moderate research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; in zone of high potential along Wilpinjong Creek	if Zone 3 ancillary works proposed, undertake test and salvage excavation within testing zone 'A9/11/12' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably no loss of value from Extension Project
G	36-3-0666	WC IF 2	36-3-0666	Open artefact site	Recorded by OzArk (2005).	low-possibly mod L, low R	low-possibly mod (common, possibly moderate research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; in secondary resource zone/area of potential along Wilpinjong Creek	if impacts proposed, test and salvage excavation within testing zone 'G2-6' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	possibly total or partial loss of value or no loss of value
A	36-3-0690	CE-14-OS	36-3-0690	Open artefact site	Recorded by Kayandel (2006b).	low L, low R	low (common, low research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; low significance	if Zone 3 ancillary works proposed avoid impacts or unmitigated impact	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
A	36-3-1261	S2MC115	36-3-1261	Open artefact site	Recorded by Hamm (2008). Re-recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
A	36-3-1262	S2MC116	36-3-1262	Open artefact site	Recorded by Hamm (2008).	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; problematic to relocate	unmitigated impact	probably total loss of value
A	36-3-1375	S2MC228	36-3-1375	Open artefact site	Recorded by Hamm (2008).	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; problematic to relocate	unmitigated impact	probably total loss of value
C	36-3-2669	WCPL-OS-1	36-3-2669	Open artefact site	Recorded by Kayandel (Hubschmann and Markus 2011) during testing in Pit 5, possibly 'probe 3' in 'transect 1'.	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; already subject to removal	unmitigated impact	probably total loss of value
C	36-3-2671	WCPL-OS-3	36-3-2671	Open artefact site	Recorded by Kayandel (Hubschmann and Markus 2011) during testing in Pit 5, possibly in 'transect 6'.	low L, low R	low (common, low research potential)		low	low	nil	probably none (in Zone 3 and within approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 in approved impact area; already subject to removal	manage as per approved Project and ACHMP; unmitigated impact if Zone 3 ancillary works proposed	probably no loss of value from Extension Project
G	454	WCP 454	pending	Open artefact site	Recorded by SEA 13/11/13 during due diligence survey for soil test pits.	low-possibly mod L, low R	low-possibly mod (common, possibly moderate research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential	test and salvage excavation within testing zone 'G65/97/98/118' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably partial to total loss of value
H	457	WCP 457	36-3-2833	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low-possibly mod L, low R	low-possibly mod (common, moderate research potential)		low	low	nil	possibly partial or none (partially in Zone 2, partially in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	possibly direct or none	possibly partial or none	possibly partial loss of value or no loss of value	partially in Zone 2; in secondary resource zone/area of potential along Wilpinjong Creek	if impacts proposed, test and salvage excavation within testing zone 'H1-3' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	possibly partial loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

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						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
H	458	WCP 458	36-3-2834	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low-possibly mod L, low R	low-possibly mod (common, possibly moderate research potential, but isolated)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; in zone of high potential along Wilpinjong Creek	if Zone 3 ancillary works proposed, undertake test and salvage excavation within testing zone 'H1-3' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably no loss of value from Extension Project
A	459	WCP 459	36-3-2835	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
A	460	WCP 460	36-3-2836	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance; problematic to relocate	unmitigated impact	probably total loss of value
A	461	WCP 461	36-3-2837	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
A	462	WCP 462	36-3-2838	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
A	463	WCP 463	36-3-2839	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
A	464	WCP 464	36-3-2840	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
A	465	WCP 465	36-3-2841	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low-possibly mod L, low R	low (low to moderate size habitable floor area and PAD, low to possibly moderate research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 but immediately adjacent to Zone 3; low to possibly moderate significance; avoidance of impacts feasible	verify potential impacts; if Zone 2 or Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
A	466	WCP 466	36-3-2842	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low-possibly mod L, low R	low (low to moderate size habitable floor area and PAD, low to possibly moderate research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 but immediately adjacent to Zone 3; low to possibly moderate significance; avoidance of impacts feasible	verify potential impacts; if Zone 2 or Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

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A	467	WCP 467	36-3-2843	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 but immediately adjacent to Zone 3; low significance; avoidance of impacts feasible	verify potential impacts; if Zone 2 or Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
A	468	WCP 468	36-3-2844	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small to moderate habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (possibly in Zone 2 or in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 or immediately adjacent in Zone 3; low significance; avoidance of impacts feasible	verify potential impacts; if Zone 2 or Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
A	469	WCP 469	36-3-2845	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (possibly in Zone 2 or in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 or immediately adjacent in Zone 3; low significance; avoidance of impacts feasible	verify potential impacts; if Zone 2 or Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
A	470	WCP 470	36-3-2846	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	in Zone 3; low significance; avoidance of impacts feasible	verify potential impacts; if Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
A	471	WCP 471	36-3-2871	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (low to moderate size habitable floor area and PAD, sloping floor, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 but close to Zone 3; low significance; avoidance of impacts feasible	verify potential impacts; if Zone 2 or Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
A	472	WCP 472	36-3-2847	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (possibly in Zone 2 or in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 or immediately adjacent in Zone 3; low significance; avoidance of impacts feasible	verify potential impacts; if Zone 2 or Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

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						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
A	473	WCP 473	36-3-2848	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (moderate size habitable floor area and PAD but sloping floor, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 but close to Zone 3; low significance; avoidance of impacts feasible	verify potential impacts; if Zone 2 or Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
A	474	WCP 474	36-3-2849	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
A	475	WCP 475	36-3-2850	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014. Appears to correspond to previously recorded Kayandel (2006) site WCP308.	low L, low R	low (relatively small to moderate habitable floor area and PAD but possibly shallow, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
A	476	WCP 476	36-3-2851	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (relatively small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
A	477	WCP 477	36-3-2852	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	in Zone 3; low significance; avoidance of impacts feasible	verify potential impacts; if Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
A	478	WCP 478	36-3-2853	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	in Zone 3; low significance; avoidance of impacts feasible	verify potential impacts; if Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
A	479	WCP 479	36-3-2854	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	in Zone 3; low significance; avoidance of impacts feasible	verify potential impacts; if Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
A	480	WCP 480	36-3-2855	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014. Appears to correspond to previously recorded Kayandel (2006) site WCP307.	low-possibly mod L, low R	low (moderate size shelter, possibly moderate research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3; low to possibly moderate significance	verify potential impacts; if Zone 3 ancillary works proposed avoid impacts	probably no loss of value from Extension Project
A	481	WCP 481	36-3-2856	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
B	482	WCP 482	36-3-2857	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014. May correspond to previously recorded Kayandel (2006) site complex WCP319.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
B	483	WCP 483	36-3-2858	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014. May correspond to previously recorded Kayandel (2006) site complex WCP319.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
B	484	WCP 484	36-3-2859	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	unmitigated impact	possibly total loss of value or no loss of value
B	485	WCP 485	36-3-2860	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity)		low	low	nil	probably total or partial (in Zone 1 and partially in Zone 2)	probably direct	probably total or partial	probably total or partial loss of value	in Zone 1 and partially in Zone 2; surface impacts likely; low significance	unmitigated impact	probably total or partial loss of value
B	486	WCP 486	36-3-2861	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
B	487	WCP 487	36-3-2862	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
B	488	WCP 488	36-3-2863	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity)		low	low	nil	probably none (in Zone 3 and within approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	outside Zones 1 and 2, in Zone 3 in approved impact area	manage as per approved Project and ACHMP; unmitigated impact if Zone 3 ancillary works proposed	probably no loss of value from Extension Project

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

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						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
B	489	WCP 489	36-3-2864	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (relatively small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
B	490	WCP 490	36-3-2865	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	unmitigated impact	possibly total loss of value or no loss of value
B	491	WCP 491	36-3-2866	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, possibly moderate research potential but isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential	test and salvage excavation within testing zone 'B9/13' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably partial to total loss of value
B	492	WCP 492	36-3-2867	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low-possibly mod L, low R	low-possibly mod (common, moderate research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential	test and salvage excavation within testing zone 'B9/13' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably partial to total loss of value
B	493	WCP 493	36-3-2868	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
B	494	WCP 494	36-3-2869	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
B	495	WCP 495	36-3-2872	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low-possibly mod L, low R	low-possibly mod (several less common types, possibly moderate research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential	surface collection; test and salvage excavation within nearby testing zones 'B9/13' and 'B15/16' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably partial to total loss of value
B	496	WCP 496	36-3-2873	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low roof, sloping floor, low research potential)		low	low	nil	probably none (in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	probably none	probably none	probably no loss of value	in Zone 3; low significance; avoidance of impacts feasible	verify potential impacts; if Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
B	497	WCP 497	36-3-2874	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low-possibly mod L, low R	low-possibly mod (one less common type, possibly moderate research potential but uncertain)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential	surface collection; test and salvage excavation within nearby testing zones 'B9/13' and 'B15/16' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably partial to total loss of value
B	498	WCP 498	36-3-2875	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
B	499	WCP 499	36-3-2876	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
B	500	WCP 500	36-3-2877	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (moderate size habitable floor area and PAD but sloping floor, low research potential)		low	low	nil	probably none (in Zone 2 but on edge of Project area and possibly outside Zones 1-3)	probably none	probably none	probably no loss of value	in Zone 2 but possibly outside of Zones 1-3 and Project area; low significance; avoidance of impacts feasible	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
B	501	WCP 501	36-3-2878	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
B	502	WCP 502	36-3-2879	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (moderate size habitable floor area and PAD but mostly low roof, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
B	503	WCP 503	36-3-2880	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, sloping floor, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
B	504	WCP 504	36-3-2881	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low-possibly mod L, low R	low (moderate size habitable floor area and PAD, low to possibly moderate research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low to possibly moderate significance	verify potential impacts; if Zone 2 ancillary works proposed avoid impacts if feasible; if impacts cannot be avoided test excavation to determine significance and further salvage excavation if assessed as moderate or high significance	possibly total loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
B	505	WCP 505	36-3-2882	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low-possibly mod L, low R	low (moderate size habitable floor area and PAD, low to possibly moderate research potential but sloping floor)		low	low	nil	probably none (possibly in Zone 3 but probably outside of Zones 1-3)	probably none	probably none	probably no loss of value	possibly in Zone 3 but probably outside Zones 1-3; low-possibly moderate significance	verify potential impacts; if Zone 3 ancillary works proposed avoid impacts	probably no loss of value from Extension Project
B	506	WCP 506	36-3-2883	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
B	507	WCP 507	36-3-2884	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
B	508	WCP 508	36-3-2885	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low integrity, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
B	509	WCP 509	36-3-2886	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low integrity, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
B	510	WCP 510	36-3-2887	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
B	511	WCP 511	36-3-2888	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low integrity, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
B	512	WCP 512	36-3-2889	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
B	513	WCP 513	36-3-2890	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
B	514	WCP 514	36-3-2891	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
B	515	WCP 515	36-3-2892	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, sloping floor, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

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B	516	WCP 516	36-3-2893	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014. May correspond to previously recorded Kayandel (2006) site WCP336.	low L, low R	low (small PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
C	517	WCP 517	36-3-2894	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low entrance, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
C	518	WCP 518	36-3-2895	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2 or in Zone 3 outside of approved Open Cut and Contained Infrastructure Area)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2 or immediately adjacent in Zone 3; low significance; avoidance of impacts feasible	verify potential impacts; if Zone 2 or Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
C	519	WCP 519	36-3-2896	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
C	520	WCP 520	36-3-2897	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
C	521	WCP 521	36-3-2898	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
C	522	WCP 522	36-3-2899	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low integrity, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
C	523	WCP 523	36-3-2900	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
C	524	WCP 524	36-3-2901	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
C	525	WCP 525	36-3-2902	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
C	526	WCP 526	36-3-2903	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low integrity, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

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						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
C	527	WCP 527	36-3-2904	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low entrance, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
C	528	WCP 528	36-3-2905	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
C	529	WCP 529	36-3-2906	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
C	530	WCP 530	36-3-2907	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low-possibly mod L, low R	low-possibly mod (common, possibly moderate research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential	test and salvage excavation within testing zone 'C31/C38' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably partial to total loss of value
C	531	WCP 531	36-3-2908	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
C	532	WCP 532	36-3-2909	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
C	533	WCP 533	36-3-2910	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
C	534	WCP 534	36-3-2911	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
D	535	WCP 535	36-3-2912	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
D	536	WCP 536	36-3-2913	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance but one less common material	surface collection	probably partial to total loss of value
D	537	WCP 537	36-3-2914	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
E	538	WCP 538	36-3-2915	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	unmitigated impact	possibly total loss of value or no loss of value
E	539	WCP 539	pending	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low-mod L, low R	low-mod (less common context, modest range, possibly moderate research potential but shallow deposit)		low	low	nil	possibly total, partial or none (in Zone 2)	possibly direct or none	possibly total, partial or none	possibly total loss of value or partial loss of value or no loss of value	in Zone 2; low to moderate significance; uncommon context/site; relevant research questions specific to site	if impacts proposed, surface collection and salvage excavation of shallow deposit by broad area hand excavation to test the occupation model and predictive model, address relevant research questions and mitigate impacts	possibly partial loss of value or no loss of value
E	540	WCP 540	pending	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
E	541	WCP 541	36-3-2916	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, isolated)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	unmitigated impact	possibly total loss of value or no loss of value
E	542	WCP 542	36-3-2917	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	unmitigated impact	possibly total loss of value or no loss of value
E	543	WCP 543	36-3-2918	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low integrity, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
G	544	WCP 544	36-3-2919	Waterhole/ well	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	nil (natural feature, no evidence of use)		low	nil	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; natural feature with no evidence of use	if Zone 2 works proposed unmitigated impact	possibly total loss of value or no loss of value
E	545	WCP 545	36-3-2920	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	unmitigated impact	possibly total loss of value or no loss of value
E	546	WCP 546	36-3-2921	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
F	547	WCP 547	36-3-2922	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
F	548	WCP 548	36-3-2923	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEI AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
F	549	WCP 549	36-3-2924	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
F	550	WCP 550	36-3-2925	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, isolated)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	unmitigated impact	possibly total loss of value or no loss of value
F	551	WCP 551	pending	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
F	552	WCP 552	36-3-2926	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (moderate size habitable floor area and PAD but sloping floor, low research potential)		low	low	nil	possibly total or none (in Zone 3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 3; low significance	verify potential impacts; if Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
F	553	WCP 553	36-3-2927	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (relatively small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (in Zone 3)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 3; low significance	verify potential impacts; if Zone 3 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
F	554	WCP 554	36-3-2928	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (relatively small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
F	555	WCP 555	36-3-2929	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (relatively small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
F	556	WCP 556	36-3-2930	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
F	558	WCP 558	36-3-2932	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	unmitigated impact	possibly total loss of value or no loss of value
G	559	WCP 559	36-3-2933	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low-possibly mod L, low R	low-possibly mod (common, possibly moderate research potential)		low	low	nil	possibly total, partial or none (in Zone 2)	possibly direct or none	possibly total, partial or none	possibly total loss of value or partial loss of value or no loss of value	in Zone 2; in secondary resource zone/area of potential along Wilpinjong Creek	if impacts proposed, test and salvage excavation within testing zone 'G2-6' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	possibly total or partial loss of value or no loss of value
G	560	WCP 560	36-3-2934	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (relatively small to moderate habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEI AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
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G	561	WCP 561	36-3-2935	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
G	562	WCP 562	36-3-2936	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
G	563	WCP 563	36-3-2937	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
G	564	WCP 564	36-3-2938	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
G	565	WCP 565	36-3-2939	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
G	566	WCP 566	36-3-2940	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low roof, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	verify potential impacts; if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
G	567	WCP 567	36-3-2941	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014. Probably equates to site WCP232 originally recorded by Navin Officer (2005).	low L, low R	low (relatively small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
G	568	WCP 568	36-3-2942	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
G	569	WCP 569	36-3-2943	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
G	570	WCP 570	36-3-2944	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
G	571	WCP 571	36-3-2945	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
G	572	WCP 572	36-3-2946	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low-possibly mod L, low R	low-possibly mod (one less common type, possibly moderate research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential	surface collection; test and salvage excavation within testing zone 'G65/97/98/118' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably partial to total loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
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G	573	WCP 573	36-3-2947	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (one less common type, possibly moderate research potential in adjacent areas but low integrity at site)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential	surface collection; test and salvage excavation within testing zone 'G65/97/98/118' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably partial to total loss of value
G	574	WCP 574	36-3-2948	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low integrity, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
G	575	WCP 575	36-3-2949	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, possibly moderate research potential nearby but isolated and low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential	test and salvage excavation within testing zone 'G65/97/98/118' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably total loss of value
G	576	WCP 576	36-3-2950	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, possibly moderate research potential nearby but isolated and low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential	test and salvage excavation within testing zone 'G65/97/98/118' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably total loss of value
G	577	WCP 577	36-3-2951	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, isolated, but possibly part of complex of sites on adjacent pagoda)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential; adjacent to Slate Gully pagoda and possibly associated	test and salvage excavation within testing zone 'G65/97/98/118' as part of a systematic program across the Extension Project to further investigate and refine the occupation model and predictive model and mitigate impacts	probably total loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
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G	578	WCP 578	36-3-2952	Rock shelter with artefacts and art	Recorded by SEA during Extension Project survey March-June 2014.	high L, low-possibly mod R	high (large habitable floor area and relatively large PAD, rock art, less common context, potential differential use/restricted access, high research potential, part of complex of sites on pagoda/hillock in Slate Gully)	high	mod	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential; part of Slate Gully pagoda complex; high local and possibly moderate regional significance; avoidance of impacts problematic without significant economic loss to proponent	additional research and salvage excavation to investigate locally relevant research questions and mitigate impacts; detailed recording of rock art	probably total or substantial loss of value
G	579	WCP 579	36-3-2953	Rock shelter with artefacts and ochre quarry	Recorded by SEA during Extension Project survey March-June 2014.	high L, low-possibly mod R	high (large habitable floor area and PAD, less common context, potential differential use, rare or unusual item, complex - ochre quarry, high research potential, part of complex of sites on pagoda/hillock in Slate Gully)	high	mod	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; in possible secondary resource zone/area of potential; part of Slate Gully pagoda complex; high local and moderate regional significance; avoidance of impacts problematic without significant economic loss to proponent	additional research and salvage excavation to investigate locally relevant research questions and mitigate impacts	probably total or substantial loss of value
G	580	WCP 580	36-3-2954	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential, but part of complex of sites on pagoda/hillock in Slate Gully)	high	low	nil	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; part of Slate Gully pagoda complex; low significance	unmitigated impact; offset by additional research and salvage excavation of sites WCP 578 and 579	probably total loss of value
G	581	WCP 581	pending	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
G	582	WCP 582	36-3-2793	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
G	583	WCP 583	36-3-2794	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small PAD, sloping floor, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
G	584	WCP 584	36-3-2795	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (relatively small habitable floor area and PAD, low roof, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
G	585	WCP 585	pending	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (relatively small habitable floor area and PAD, mostly low roof, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
G	586	WCP 586	pending	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
G	587	WCP 587	36-3-2797	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
G	588	WCP 588	36-3-2798	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (relatively small habitable floor area and PAD, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
G	589	WCP 589	36-3-2799	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
G	590	WCP 590	36-3-2800	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	unmitigated impact	possibly total loss of value or no loss of value
G	591	WCP 591	36-3-2801	Rock shelter with PAD	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (small habitable floor area and PAD, sloping floor, low research potential)		low	low	nil	possibly total or none (in Zone 2)	possibly direct or none	possibly total or none	possibly total loss of value or no loss of value	in Zone 2; low significance	if Zone 2 works proposed avoid impacts if feasible or unmitigated impact	possibly total loss of value or no loss of value
G	592	WCP 592	36-3-2802	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (low research potential, isolated)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
G	593	WCP 593	36-3-2803	Open artefact site	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (common, low research potential, low integrity)		low	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; surface impacts likely; low significance	unmitigated impact	probably total loss of value
G	594	WCP 594	36-3-2804	Waterhole/ well	Recorded by SEA during Extension Project survey March-June 2014.	low L, low R	low (natural feature, no evidence of use, but part of complex of sites on pagoda/hillock in Slate Gully)	high	low	nil	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	in Zone 1; natural feature with no evidence of use, but part of site complex on pagoda in Slate Gully	unmitigated impact	probably total loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEI AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
Zones 1-3		Zones 1-3 Investigation Area		Cultural area/value	Contemporary cultural value of entire investigation area as identified by Aboriginal stakeholders.	low L, low R	n/a	high	low	low	nil	total in Zone 1, partial in Zone 2 and possibly partial in Zone 3	probably direct	probably total in Zone 1, partial in Zone 2 and partial in Zone 3	probably total loss of value in Zone 1 and partial loss of value in Zones 2 and 3	overall impacts of Extension low within a regional context; conservation areas/offsets nearby; mitigation and other management measures can further reduce impacts	mitigation measures as outlined above and in Extension Project report recommendations	probably partial loss of value
Zones 1-3		Use of subsistence and other resources		Cultural area/value	Contemporary value and previous use of plant and animal resources across the entire investigation area as identified by Aboriginal stakeholders.	low L, low R	n/a		low	low	nil	total in Zone 1, partial in Zone 2 and possibly partial in Zone 3	probably direct	probably total in Zone 1, partial in Zone 2 and partial in Zone 3	probably total loss of value in Zone 1 and partial loss of value in Zones 2 and 3	overall impacts of Extension low within a regional context; conservation areas/offsets nearby; mitigation and other management measures can further reduce impacts	mitigation measures as outlined above and in Extension Project report recommendations	probably partial loss of value
Slate Gully pagoda / site complex	577-580, 594	Slate Gully pagoda / site complex		Cultural area/value	visually prominent hillock/pagoda with extensive rock formations situated in the valley floor of Slate Gully, which hosts a rock shelter with artefacts and art (WCP578), a rock shelter with artefacts and ochre quarry (WCP579), a rock shelter with PAD (WCP580) and a waterhole/well (WCP594), with an artefact scatter (WCP577) at the base	high L, low R	high (complex of sites on pagoda/hillock in Slate Gully of representative value, high research potential; unique complex of sites in an unusual context; nature of occupation at these sites, relationship of these sites with each other and with other sites in the region, potential movement of people and/or goods (eg. porcellanite and white ochre), differential use of nearby shelters (restricted and non-restricted access), and evidence associated with non-secular activities (art and ceremony) are locally relevant research issues for which the evidence that may be able to contribute knowledge may not be available from other sources.	high	low to mod	low	nil	probably total (in Zone 1)	probably direct	probably total	probably total loss of value	avoidance of impacts preferred but feasibility constrained by significant economic cost; salvage excavation and additional research could contribute substantial knowledge in relation to locally relevant research questions and partially offset impacts	salvage excavation of sites WCP 577, 578, 579 and 580 focused on addressing locally relevant research questions; additional research including in relation to ochre and art	probably partial to total loss of value

Wilpinjong Extension Project - Assessment of Significance, Impacts and Management Strategies

Area	WCP ID#	Site Name	OEH AHIMS #	Site Type	Comments	Significance						Potential Impacts From Extension Project				Management Strategy		Consequent Impacts
						Overall	Archaeological / Scientific	Aboriginal / Cultural	Aesthetic	Educational	Historic	Surface	Type of Harm	Degree of Harm	Consequence of Harm	Rationale	Recommended Strategy	
Zones 1-3		Contemporary significance of Aboriginal objects		Cultural area/value (refer above to individual sites)	Contemporary cultural value of individual sites as identified by Aboriginal stakeholders.													