

## Morgan Wilcox

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**From:** Morgan Wilcox  
**Sent:** 15 May, 2019 1:29 PM  
**To:** 'Grace Toomey'  
**Subject:** RE: J180131 - Dubbo Quarry Continuation Project - Consultation - Agency Request

Thank you Grace,


Did you have a list of Aboriginal knowledge holders with whom we can speak with about the project?

I note that, as per the consultation requirements, a public advertisement will also be placed in the Daily Liberal calling for Aboriginal stakeholder registration for the project within a fortnight.

Kind regards  
Morgan

**Morgan Wilcox**  
Senior Archaeologist



**T** 02 4907 4800  
**M** 0400 264 916  
**D** 02 4907 4824  
 Connect with us

**NEWCASTLE | Level 1, 146 Hunter Street, Newcastle 2300**

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**From:** Grace Toomey <Grace.Toomey@dubbo.nsw.gov.au>  
**Sent:** 13 May, 2019 9:59 AM  
**To:** Morgan Wilcox <mwilcox@emmconsulting.com.au>  
**Subject:** RE: J180131 - Dubbo Quarry Continuation Project - Consultation - Agency Request

Hi Morgan

I will table the attached letter at our Dubbo Aboriginal Community Working Party meeting tomorrow and get back to you on the relevant contact person for this project

Cheers

**Grace Toomey**  
Aboriginal Liaison Officer  
Dubbo Regional Council  
**P** 02 6801 4406 **F** 02 6801 4259  
**M** 0408 689 688  
**E** [Grace.Toomey@dubbo.nsw.gov.au](mailto:Grace.Toomey@dubbo.nsw.gov.au)

## Morgan Wilcox

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**From:** Helen Knight <Helen.Knight@environment.nsw.gov.au>  
**Sent:** 16 May, 2019 12:36 PM  
**To:** Morgan Wilcox  
**Subject:** RAPs List for the Dubbo Quarry Continuation Project  
**Attachments:** OEH Response - RAP Stakeholder requests - Dubbo Quarry Continuation Project.pdf

Hi Morgan,

Find attached OEH's response with the RAPs List for the Dubbo Quarry Continuation Project

If you receive any return to sender letters, would you be able to advise us so we can amend our lists for future reference

Regards, Helen



**Helen Knight**

Conservation Planning & GIS Data  
Information Officer

North West Planning Team  
Conservation and Regional  
Delivery

48–52 Wingewarra Street, Dubbo 2830

PO Box 211, Dubbo 2830

T 02 6883 5327 F 02 6884 8675

W: [www.environment.nsw.gov.au](http://www.environment.nsw.gov.au)

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DOC19/390564

Morgan Wilcox  
Senior Archaeologist  
EMM Consulting Pty Ltd  
PO Box 506  
Newcastle NSW 2300  
Email: mwilcox@emmconsulting.com.au

Dear Morgan

**WRITTEN NOTIFICATION AS REQUIRED UNDER OFFICE OF ENVIRONMENT AND HERITAGE (OEH) ABORIGINAL CULTURAL HERITAGE REQUIREMENT FOR PROPONENTS 2010 – Dubbo Quarry Continuation Project Proposal**

I refer to your letter dated 9 May 2019 to the Office of Environment and Heritage (OEH) regarding the above matter.

A list of known Aboriginal parties that OEH considers 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 of Section 80C of the National Parks and Wildlife Regulation 2009.

Should you require further information regarding issues that are the responsibility of the OEH please contact Helen Knight, Conservation Planning Officer on (02) 6883 5327

Yours sincerely

**SAMANTHA WYNN**  
**Senior Team Leader Planning - North West**  
**Conservation and Regional Delivery**

16 May 2019

Contact officer: HELEN KNIGHT  
02 6883 5327

## ATTACHMENT 1

**Table 1: List of aboriginal stakeholder groups within the Dubbo Local Government Area - that may have an interest in the project; provided as per the “OEH aboriginal cultural heritage requirement for proponents 2010”.**

| <b>Organisation/Affiliation</b>                    | <b>Name/Title</b>          | <b>Address</b>                               |
|--|----------------------------|--|
| Binjang Wellington Wiradjuri heritage Survey       | Jamie Grey                 | 260 Myall St, Dubbo NSW 2830                 |
| Brian Draper                                       |                            | 7 Sovereign St, Dubbo NSW 2830               |
| Central West Catchment Management Authority        | Aboriginal Reference Group | PO Box 227, Wellington NSW 2820              |
| Dubbo Aboriginal Community Working Party           | Grace Toomey               | C/- Dubbo Council, PO Box 81, Dubbo NSW 2380 |
| Dubbo Aboriginal Community Working Party           | Paul Carr                  | C/- Dubbo Council, PO Box 81, Dubbo NSW 2380 |
| DUBBO LALC   | Chairperson                | PO Box 1565, Dubbo NSW 2830                  |
| Katrina Mckinnon                                   |                            | 33 Hinton Drive, Gunnedah NSW 2380           |
| Mooka  | Neville Williams           | PO Box 70, Cowra NSW 2794                    |
| Natasha Rodgers                                    |                            | 7 Toy Court, Wodonga VIC 3690                |
| Paul Brydon  |                            | 166 Minore Street, Narromine NSW 2821        |
| Peter Peckham                                      |                            | 27 Jennings Street, Geurie, NSW 2831         |
| Trevor Robinson                                    |                            | PO Box 73, Peak Hill NSW 2869                |
| Wamarr Cultural Consultants                        | Craig Riley                | 17 Marsh Street, Wellington NSW 2820         |
| Wellington LALC                                    | Chairperson                | 163 Simpson Street, Wellington NSW 2820      |
| Wellington Valley Wiradjuri Aboriginal Corporation | Chairperson                | PO Box 2290, Orange NSW 2800                 |
| Wiradjuri Council of Elders                        | Robert Clegg               | 28 Hodges Street, Parkes NSW 2870            |
| Wiradjuri Interim Working Party                    |                            | PO Box 73, Peak Hill NSW 2869                |
| Wirrimbah Direct Descendants                       | Coral Peckham              | PO Box 2070, Dubbo NSW 2830                  |

## Morgan Wilcox

---

**From:** Elizabeth LOANE <ELIZABETH.LOANE@det.nsw.edu.au>  
**Sent:** 27 May, 2019 10:44 AM  
**To:** Morgan Wilcox  
**Subject:** FW: J180131 - Dubbo Quarry Continuation Project - Consultation - Agency Request  
**Attachments:** EMM - Dubbo - Dubbo.pdf

Dear Morgan,

We refer to the attached.

Kind regards,  
Liz

Elizabeth Loane  
Project Officer, Aboriginal Owners  
Office of The Registrar ALRA 1983  
Phone: 02 8633 1693  
Email: [elizabeth.loane@det.nsw.edu.au](mailto:elizabeth.loane@det.nsw.edu.au)  
PO Box 5068 Parramatta NSW 2124  
Website: [www.oralra.nsw.gov.au](http://www.oralra.nsw.gov.au)

---

**From:** Morgan Wilcox <[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)>  
**Sent:** Thursday, 9 May 2019 5:17 PM  
**To:** Admin officer, AANSW <[~COR0826Adminofficer@aboriginalaffairs.nsw.gov.au](mailto:~COR0826Adminofficer@aboriginalaffairs.nsw.gov.au)>  
**Subject:** J180131 - Dubbo Quarry Continuation Project - Consultation - Agency Request

To whom it may concern,

Please see attached agency request seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road, Dubbo NSW within the Dubbo Regional Council Local Government Area.

Please provide a list of relevant organisations or persons by **24 May 2019** to the details below:

Dubbo Quarry Continuation Project  
c/o EMM Consulting Pty Ltd  
Attn: Morgan Wilcox  
PO Box 506  
Newcastle NSW 2300  
Email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

Kind regards  
Morgan

**Morgan Wilcox**  
Senior Archaeologist

**T** 02 4907 4800  
**M** 0400 264 916  
**D** 02 4907 4824



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\*\*\*\*\*

27 May 2019

By email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

Morgan Wilcox  
Senior Archaeologist  
EMM Consulting  
PO Box 506  
NEWCASTLE NSW 2300

Dear Morgan,

**Request - Search for Registered Aboriginal Owners**

We refer to your letter dated 9 May 2019 (Letter) regarding an Aboriginal Cultural Heritage Assessment for the proposed development at Dubbo NSW as indicated in the map attached to the Letter.

Under Section 170 of the *Aboriginal Land Rights Act 1983* the Office of the Registrar is required to maintain the Register of Aboriginal Owners (RAO). A search of the RAO has shown that there are not currently any Registered Aboriginal Owners in the project area.

We suggest you contact Dubbo Local Aboriginal Land Council on 02 6884 5276 as they may be able to assist you in identifying Aboriginal stakeholders who wish to participate.

Yours sincerely

A handwritten signature in black ink that reads "E Loane".

**Elizabeth Loane**  
**Project Officer, Aboriginal Owners**  
Office of the Registrar, ALRA

### **Notice of Aboriginal Consultation**

**Project Name:**

**Dubbo Quarry Continuation Project**

**Location: Sheraton Road Dubbo NSW**

Holcim (Australia) Pty Ltd is seeking approval for continued operations at Dubbo Quarry, currently operating on Sheraton Road, Dubbo, within the Dubbo Regional Council local government area. The project will primarily involve extension of the existing extraction area into partial Lot 222 DP1247780 and establishment of a new extraction area on partial Lot 100 DP628628.

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

The purpose of community consultation with Aboriginal people is to assist the proposed applicant in: 1) assessing the Aboriginal heritage values of the area, 2) preparing an Environmental Impact Statement under Part 4, Division 4.1 of the Environmental Planning and Assessment Act 1979, and 3) to assist regulators in the assessment of Aboriginal heritage reports prepared for this project.

Registrations of interest must be submitted in writing on or before close of business Monday 10 June 2019. Registrations should include the name of a contact person, address and other relevant contact details, preferably including an email address. The names of registered Aboriginal parties will be passed on to the relevant Local Aboriginal Land Council and the Office of Environment and Heritage unless a request to the contrary is made.

Send registrations of interest to:

Dubbo Quarry Continuation Project

c/o EMM Consulting Pty Ltd

Attn: Morgan Wilcox

PO Box 506

Newcastle NSW 2300

Email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

Registration of interest does not guarantee paid involvement.

Proponent contact: Luke Edminson  
[luke.edminson@afargeholcim.com](mailto:luke.edminson@afargeholcim.com)

RM6560372

27/05/2019 - PUBLIC NOTICES

27 May 2019

Brian Draper  
7 Sovereign St  
Dubbo NSW 2830

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Brian,

EMM Consulting Pty Ltd (EMM) on behalf of Holcim (Australia) Pty Ltd (Holcim) is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area (LGA). Holcim are seeking approval for the continuation of operations at Dubbo Quarry through extension of the existing extraction area into part Lot 222 DP1247780 and establishment of a new extraction area on part Lot 100 DP628628 (refer to attached figure).

The project is a State Significant Development (SSD) under the State Environmental Planning Policy (State and Regional Development) 2011 (SRD SEPP). Therefore, a development application (DA) for the project is required to be submitted under Part 4, Division 4.1 of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act). The NSW Minister for Planning, or the Minister's delegate, is the consent authority.

Your organisation was identified by government agencies as having potential interest in registering for consultation in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*.

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

- your name/organisation;
- appointed representative; and
- current contact details (postal address, email, telephone number/s).

EMM is seeking to engage all future correspondence with registered Aboriginal Parties (RAPs) via email. This method is considered the most reliable, cost-effective, and timely manner for consultation. Therefore, EMM requests your agreement to undertake the consultation via email as the official method of contact. A simple response in writing stating 'I agree to be contacted by email as the main source of consultation' is requested.

This information must be received by close of business on **10 June 2019**:

Dubbo Quarry Continuation Project  
c/o EMM Consulting Pty Ltd  
Attn: Morgan Wilcox  
PO Box 506  
Newcastle NSW 2300  
Email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

As required by OEH guidelines, details of people registering as Aboriginal Parties will be forwarded to OEH and the relevant Local Aboriginal Land Council unless you specify otherwise.

Please note that registration of interest does not guarantee paid employment or fieldwork.

If you have chosen to register for this project, we will be in contact shortly after the registration period is closed to provide a presentation of the method for the Aboriginal heritage investigation of the project for your review and comment.

Please feel free to contact me with any questions or queries about the project. You can contact me on (02) 4901 4824 or my email as provided below.

Yours sincerely

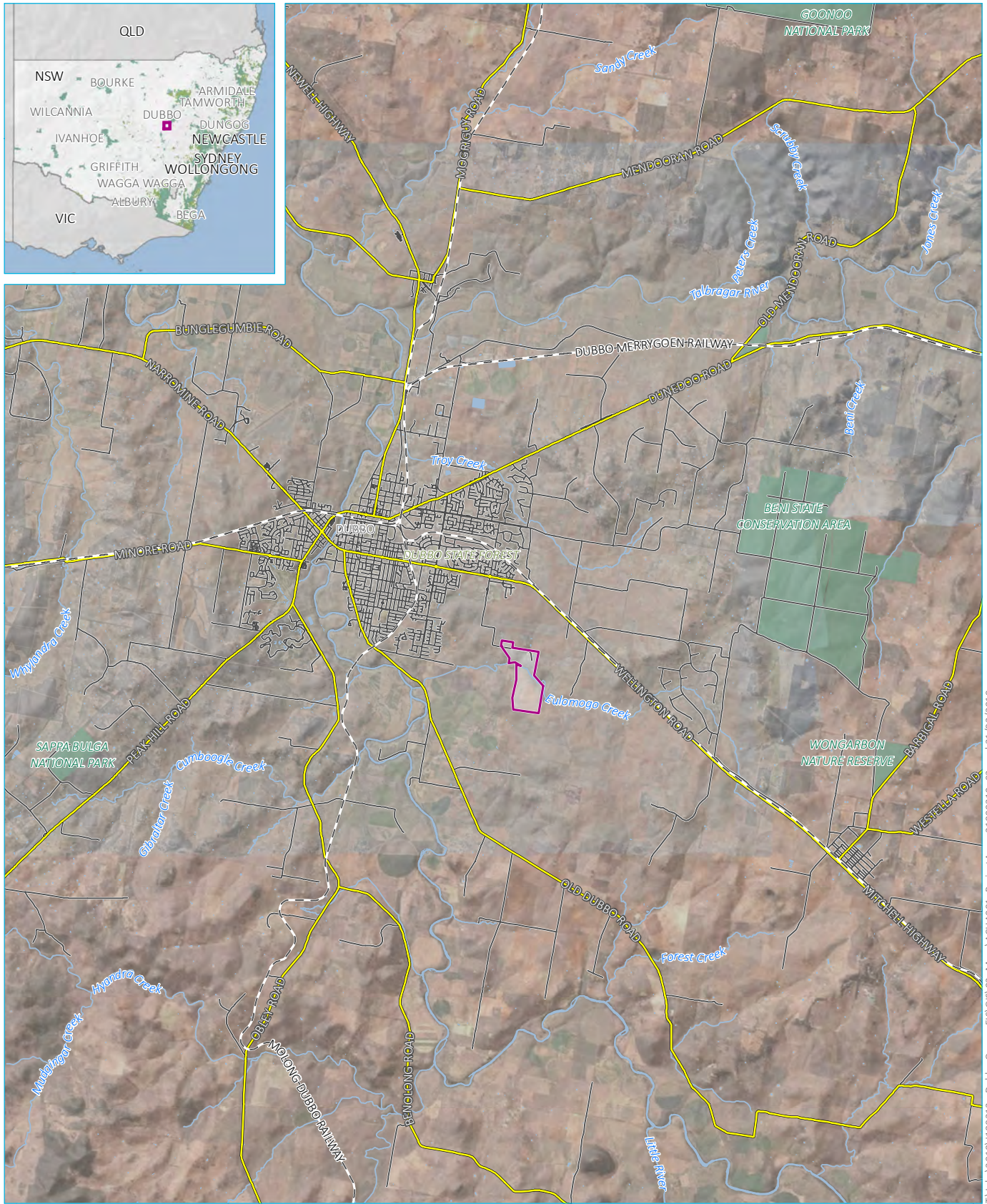
A handwritten signature in black ink, appearing to read 'M Wilcox', with a stylized flourish at the end.

**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)





Source: EMM (2019); DFSI (2017); GA (2011)

- KEY**
- Project Area
  - Waterbody
  - NPWS reserve
  - State forest
  - Rail line
  - Main road
  - Local road
  - Watercourse/drainage line

Project area location

Dubbo Quarry Extension  
Aboriginal cultural heritage assessment  
Figure 1



T:\Jobs\2018\1180313 - Dubbo Quarry ESG\GIS\02\_Maps\ACH\A01\_ProjectArea\_21090319\_02.mxd 21/03/2019

27 May 2019

Chairperson  
Wellington Valley Wiradjuri Aboriginal Corporation  
PO Box 2290  
Orange NSW 2800

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Sir/Madam,

EMM Consulting Pty Ltd (EMM) on behalf of Holcim (Australia) Pty Ltd (Holcim) is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area (LGA). Holcim are seeking approval for the continuation of operations at Dubbo Quarry through extension of the existing extraction area into part Lot 222 DP1247780 and establishment of a new extraction area on part Lot 100 DP628628 (refer to attached figure).

The project is a State Significant Development (SSD) under the State Environmental Planning Policy (State and Regional Development) 2011 (SRD SEPP). Therefore, a development application (DA) for the project is required to be submitted under Part 4, Division 4.1 of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act). The NSW Minister for Planning, or the Minister's delegate, is the consent authority.

Your organisation was identified by government agencies as having potential interest in registering for consultation in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*.

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

- your name/organisation;
- appointed representative; and
- current contact details (postal address, email, telephone number/s).

EMM is seeking to engage all future correspondence with registered Aboriginal Parties (RAPs) via email. This method is considered the most reliable, cost-effective, and timely manner for consultation. Therefore, EMM requests your agreement to undertake the consultation via email as the official method of contact. A simple response in writing stating 'I agree to be contacted by email as the main source of consultation' is requested.

This information must be received by close of business on **10 June 2019**:

Dubbo Quarry Continuation Project  
c/o EMM Consulting Pty Ltd  
Attn: Morgan Wilcox  
PO Box 506  
Newcastle NSW 2300

Email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

As required by OEH guidelines, details of people registering as Aboriginal Parties will be forwarded to OEH and the relevant Local Aboriginal Land Council unless you specify otherwise.

Please note that registration of interest does not guarantee paid employment or fieldwork.

If you have chosen to register for this project, we will be in contact shortly after the registration period is closed to provide a presentation of the method for the Aboriginal heritage investigation of the project for your review and comment.

Please feel free to contact me with any questions or queries about the project. You can contact me on (02) 4901 4824 or my email as provided below.

Yours sincerely

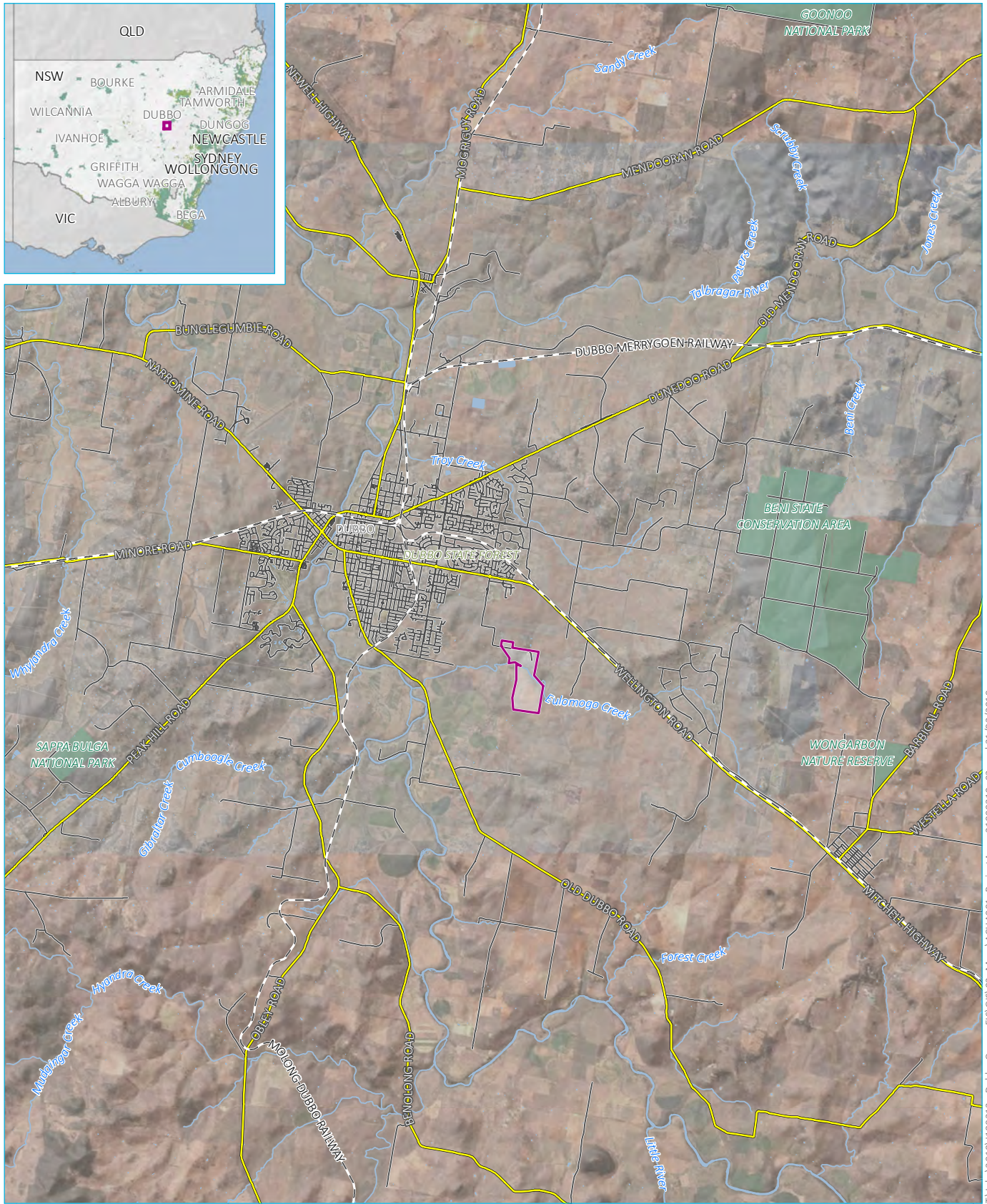
A handwritten signature in black ink, appearing to read 'M Wilcox', written in a cursive style.

**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)





Source: EMM (2019); DFSI (2017); GA (2011)

- KEY**
- Project Area
  - Waterbody
  - NPWS reserve
  - State forest
  - Rail line
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  - Local road
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Project area location

Dubbo Quarry Extension  
Aboriginal cultural heritage assessment  
Figure 1



T:\Jobs\2018\1180313 - Dubbo Quarry ESG\GIS\02\_Maps\ACH\A01\_ProjectArea\_21090319\_02.mxd 21/03/2019

27 May 2019

Coral Peckham  
Wirrimbah Direct Descendants  
PO Box 2070  
Dubbo NSW 2830

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Coral,

EMM Consulting Pty Ltd (EMM) on behalf of Holcim (Australia) Pty Ltd (Holcim) is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area (LGA). Holcim are seeking approval for the continuation of operations at Dubbo Quarry through extension of the existing extraction area into part Lot 222 DP1247780 and establishment of a new extraction area on part Lot 100 DP628628 (refer to attached figure).

The project is a State Significant Development (SSD) under the State Environmental Planning Policy (State and Regional Development) 2011 (SRD SEPP). Therefore, a development application (DA) for the project is required to be submitted under Part 4, Division 4.1 of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act). The NSW Minister for Planning, or the Minister's delegate, is the consent authority.

Your organisation was identified by government agencies as having potential interest in registering for consultation in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*.

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

- your name/organisation;
- appointed representative; and
- current contact details (postal address, email, telephone number/s).

EMM is seeking to engage all future correspondence with registered Aboriginal Parties (RAPs) via email. This method is considered the most reliable, cost-effective, and timely manner for consultation. Therefore, EMM requests your agreement to undertake the consultation via email as the official method of contact. A simple response in writing stating 'I agree to be contacted by email as the main source of consultation' is requested.

This information must be received by close of business on **10 June 2019**:

Dubbo Quarry Continuation Project  
c/o EMM Consulting Pty Ltd  
Attn: Morgan Wilcox  
PO Box 506  
Newcastle NSW 2300

Email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)


As required by OEH guidelines, details of people registering as Aboriginal Parties will be forwarded to OEH and the relevant Local Aboriginal Land Council unless you specify otherwise.

Please note that registration of interest does not guarantee paid employment or fieldwork.

If you have chosen to register for this project, we will be in contact shortly after the registration period is closed to provide a presentation of the method for the Aboriginal heritage investigation of the project for your review and comment.

Please feel free to contact me with any questions or queries about the project. You can contact me on (02) 4901 4824 or my email as provided below.

Yours sincerely

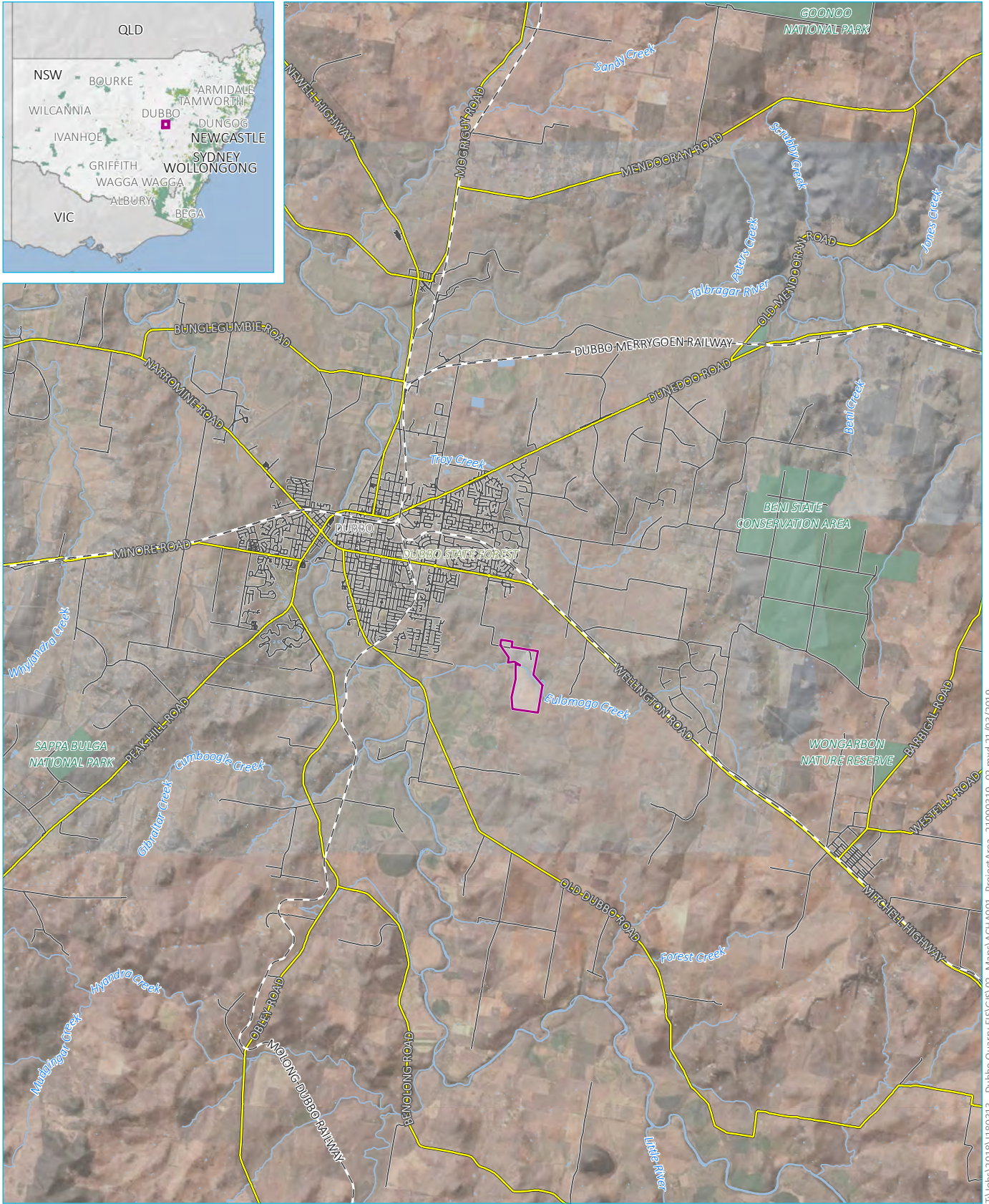
A handwritten signature in black ink, appearing to read 'M Wilcox', written in a cursive style.

**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)





Source: EMM (2019); DFSI (2017); GA (2011)

- KEY**
- Project Area
  - Waterbody
  - NPWS reserve
  - State forest
  - Rail line
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  - Local road
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Dubbo Quarry Extension  
Aboriginal cultural heritage assessment  
Figure 1



T:\Jobs\2018\1180313 - Dubbo Quarry ESG\GIS\02\_Maps\ACH\A01\_ProjectArea\_21090319\_02.mxd 21/03/2019

27 May 2019

Craig Riley  
Wamarr Cultural Consultants  
17 Marsh St  
Wellington NSW 2820

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Craig,

EMM Consulting Pty Ltd (EMM) on behalf of Holcim (Australia) Pty Ltd (Holcim) is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area (LGA). Holcim are seeking approval for the continuation of operations at Dubbo Quarry through extension of the existing extraction area into part Lot 222 DP1247780 and establishment of a new extraction area on part Lot 100 DP628628 (refer to attached figure).

The project is a State Significant Development (SSD) under the State Environmental Planning Policy (State and Regional Development) 2011 (SRD SEPP). Therefore, a development application (DA) for the project is required to be submitted under Part 4, Division 4.1 of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act). The NSW Minister for Planning, or the Minister's delegate, is the consent authority.

Your organisation was identified by government agencies as having potential interest in registering for consultation in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*.

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

- your name/organisation;
- appointed representative; and
- current contact details (postal address, email, telephone number/s).

EMM is seeking to engage all future correspondence with registered Aboriginal Parties (RAPs) via email. This method is considered the most reliable, cost-effective, and timely manner for consultation. Therefore, EMM requests your agreement to undertake the consultation via email as the official method of contact. A simple response in writing stating 'I agree to be contacted by email as the main source of consultation' is requested.

This information must be received by close of business on **10 June 2019**:

Dubbo Quarry Continuation Project  
c/o EMM Consulting Pty Ltd  
Attn: Morgan Wilcox  
PO Box 506  
Newcastle NSW 2300



Email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

As required by OEH guidelines, details of people registering as Aboriginal Parties will be forwarded to OEH and the relevant Local Aboriginal Land Council unless you specify otherwise.

Please note that registration of interest does not guarantee paid employment or fieldwork.

If you have chosen to register for this project, we will be in contact shortly after the registration period is closed to provide a presentation of the method for the Aboriginal heritage investigation of the project for your review and comment.

Please feel free to contact me with any questions or queries about the project. You can contact me on (02) 4901 4824 or my email as provided below.

Yours sincerely

A handwritten signature in black ink, appearing to read 'M Wilcox', written in a cursive style.

**Morgan Wilcox**  
Senior Archaeologist  
[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)



Source: EMM (2019); DFSI (2017); GA (2011)

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Aboriginal cultural heritage assessment  
Figure 1



T:\Jobs\2018\1180313 - Dubbo Quarry ESG\GIS\02\_Maps\ACH\A01\_ProjectArea\_21090319\_02.mxd 21/03/2019



## Morgan Wilcox

---

**From:** Morgan Wilcox  
**Sent:** Monday, 27 May 2019 5:04 PM  
**To:** graham.kelly@lls.nsw.gov.au  
**Cc:** peta.holcombe@lls.nsw.gov.au; admin.centralwest@lls.nsw.gov.au  
**Subject:** Dubbo Quarry ACHA - Aboriginal Consultation - Invitation to register  
**Attachments:** DubboQuarryACHA\_Invitation to register\_Central West CMA\_Aboriginal Reference Group\_Graham Kelly.pdf

Dear Graham (Central West Catchment Management Authority Aboriginal Reference Group),

EMM Consulting on behalf of Holcim (Australia) Pty Ltd is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area.

Please see attached an invitation to register.

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

- your name/organisation;
- appointed representative; and
- current contact details (postal address, email, telephone number/s).

EMM is seeking to engage all future correspondence with registered Aboriginal parties (RAPs) via email. This method is considered the most reliable, cost-effective, and timely manner for consultation. As such, EMM requests your agreement to undertake the consultation via email as the official method of contact. A simple response in writing stating 'I agree to be contacted by email as the main source of consultation' is requested.


This information must be received by Morgan Wilcox (see contact details below) by close of business on **Monday 10 June 2019**:

Dubbo Quarry Continuation Project  
c/o EMM Consulting Pty Ltd  
Attn: Morgan Wilcox  
PO Box 506  
Newcastle NSW 2300  
Email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

Kind regards  
Morgan

**Morgan Wilcox**  
Senior Archaeologist



**T** 02 4907 4800  
**M** 0400 264 916  
**D** 02 4907 4824  
 Connect with us

**NEWCASTLE | Level 1, 146 Hunter Street, Newcastle 2300**



27 May 2019

Graham Kelly  
Central West Catchment Management Authority Aboriginal Reference Group  
PO Box 227  
Wellington NSW 2820

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Graham,

EMM Consulting Pty Ltd (EMM) on behalf of Holcim (Australia) Pty Ltd (Holcim) is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area (LGA). Holcim are seeking approval for the continuation of operations at Dubbo Quarry through extension of the existing extraction area into part Lot 222 DP1247780 and establishment of a new extraction area on part Lot 100 DP628628 (refer to attached figure).

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- appointed representative; and
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This information must be received by close of business on **10 June 2019**:

Dubbo Quarry Continuation Project  
c/o EMM Consulting Pty Ltd  
Attn: Morgan Wilcox  
PO Box 506  
Newcastle NSW 2300

Email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)


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Please note that registration of interest does not guarantee paid employment or fieldwork.

If you have chosen to register for this project, we will be in contact shortly after the registration period is closed to provide a presentation of the method for the Aboriginal heritage investigation of the project for your review and comment.

Please feel free to contact me with any questions or queries about the project. You can contact me on (02) 4901 4824 or my email as provided below.

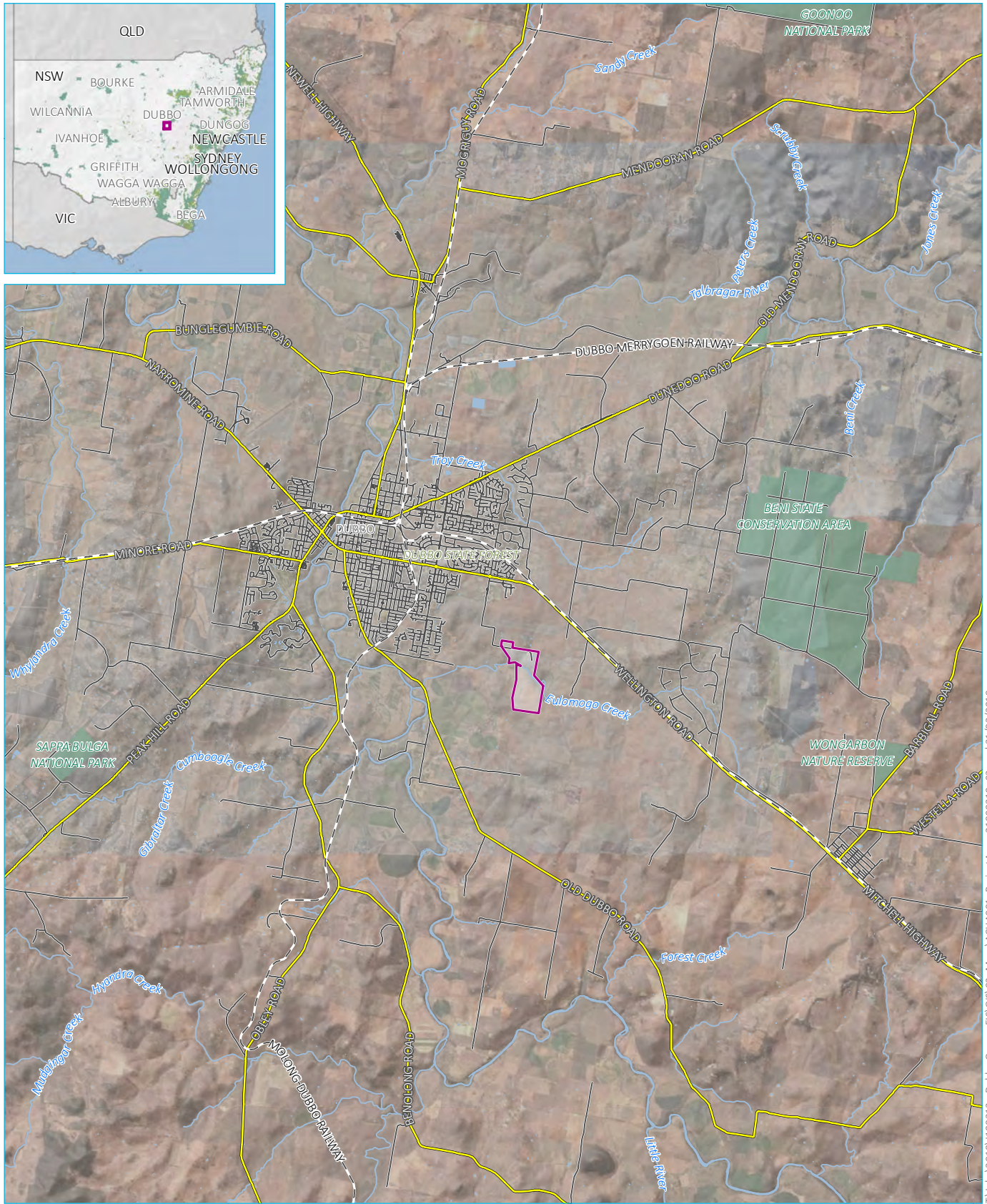
Yours sincerely

A handwritten signature in black ink, appearing to read 'M Wilcox', written in a cursive style.

**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)



Source: EMM (2019); DFSI (2017); GA (2011)

- KEY**
- Project Area
  - Waterbody
  - NPWS reserve
  - State forest
  - Rail line
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  - Local road
  - Watercourse/drainage line

Project area location

Dubbo Quarry Extension  
Aboriginal cultural heritage assessment  
Figure 1



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## Morgan Wilcox

---

**From:** Morgan Wilcox  
**Sent:** Monday, 27 May 2019 5:07 PM  
**To:** Grace Toomey  
**Cc:** council@dubbo.nsw.gov.au  
**Subject:** Dubbo Quarry ACHA - Aboriginal Consultation - Invitation to register  
**Attachments:** DubboQuarryACHA\_Invitation to register\_DCC Aboriginal Community Working Party\_Grace Toomey & Paul Carr.pdf

Dear Grace and Paul (Dubbo City Council Aboriginal Community Working Party)

EMM Consulting on behalf of Holcim (Australia) Pty Ltd is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area.

Please see attached an invitation to register.

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

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This information must be received by Morgan Wilcox (see contact details below) by close of business on **Monday 10 June 2019**:

Dubbo Quarry Continuation Project  
c/o EMM Consulting Pty Ltd  
Attn: Morgan Wilcox  
PO Box 506  
Newcastle NSW 2300  
Email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

Kind regards  
Morgan

**Morgan Wilcox**  
Senior Archaeologist



**T** 02 4907 4800  
**M** 0400 264 916  
**D** 02 4907 4824  
 Connect with us

**NEWCASTLE | Level 1, 146 Hunter Street, Newcastle 2300**

27 May 2019

Grace Toomey & Paul Carr  
Dubbo City Council Aboriginal Community Working Party  
PO Box 81  
Dubbo NSW 2830

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Grace & Paul,

EMM Consulting Pty Ltd (EMM) on behalf of Holcim (Australia) Pty Ltd (Holcim) is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area (LGA). Holcim are seeking approval for the continuation of operations at Dubbo Quarry through extension of the existing extraction area into part Lot 222 DP1247780 and establishment of a new extraction area on part Lot 100 DP628628 (refer to attached figure).

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Newcastle NSW 2300



Email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

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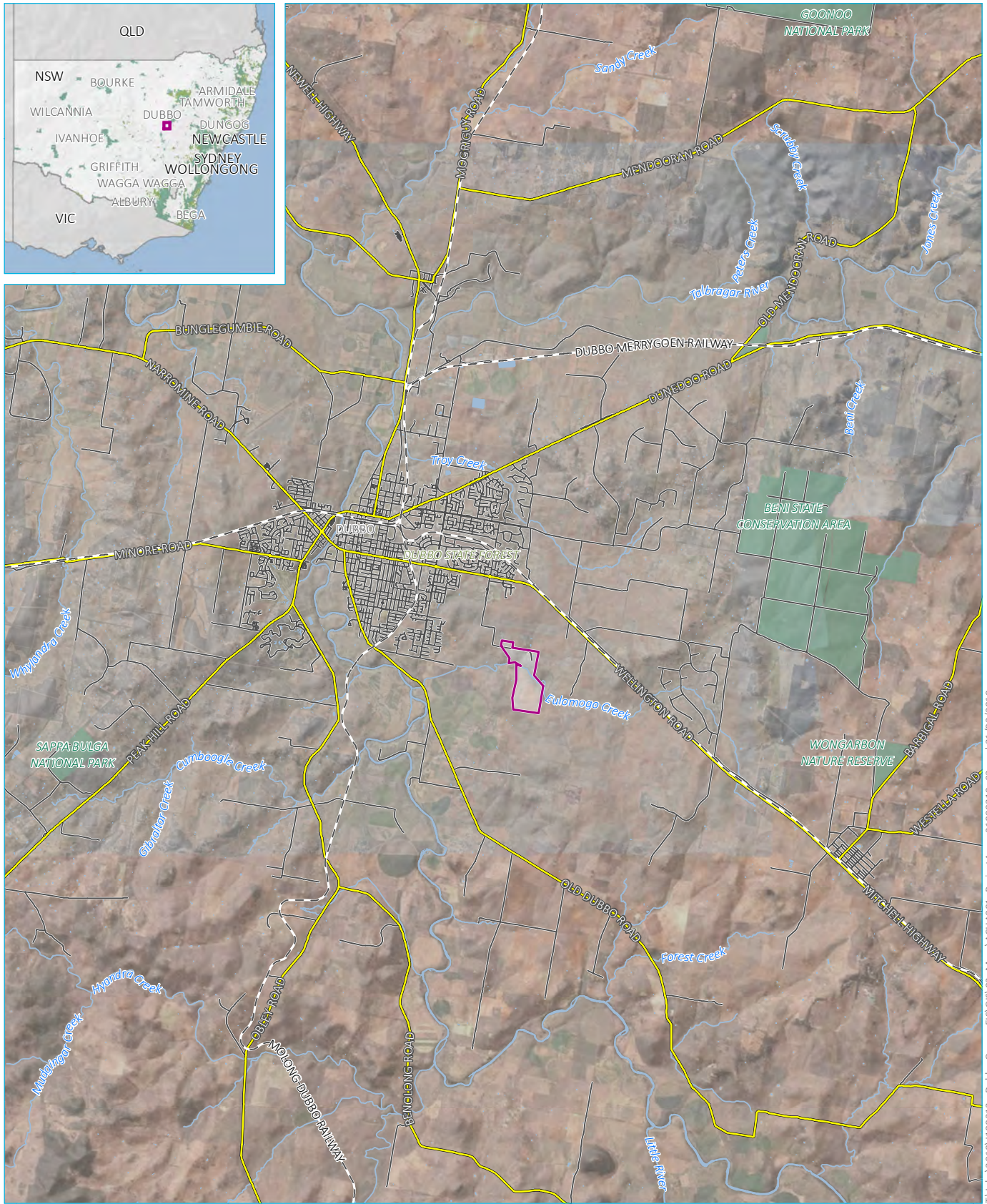
Yours sincerely

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**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)



Source: EMM (2019); DFSI (2017); GA (2011)

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  - Watercourse/drainage line

Project area location

Dubbo Quarry Extension  
Aboriginal cultural heritage assessment  
Figure 1



## Morgan Wilcox

---

**From:** Morgan Wilcox  
**Sent:** Monday, 27 May 2019 5:00 PM  
**To:** Suellyn Rees  
**Cc:** raiwyn@dlalc.com.au  
**Subject:** Dubbo Quarry ACHA - Aboriginal Consultation - Invitation to register  
**Attachments:** DubboQuarryACHA\_Invitation to register\_Dubbo LALC.pdf

Dear Suellyn and Dubbo Local Aboriginal Lands Council,

EMM Consulting on behalf of Holcim (Australia) Pty Ltd is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area.

Please see attached an invitation to register.

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

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Attn: Morgan Wilcox  
PO Box 506  
Newcastle NSW 2300  
Email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

Kind regards  
Morgan

**Morgan Wilcox**  
Senior Archaeologist



**T** 02 4907 4800  
**M** 0400 264 916  
**D** 02 4907 4824  
**in** Connect with us

**NEWCASTLE | Level 1, 146 Hunter Street, Newcastle 2300**

Please consider the environment before printing my email.



27 May 2019

Suellyn Rees  
Dubbo Local Aboriginal Lands Council  
PO Box 1565  
Dubbo NSW 2830

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Suellyn,

EMM Consulting Pty Ltd (EMM) on behalf of Holcim (Australia) Pty Ltd (Holcim) is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area (LGA). Holcim are seeking approval for the continuation of operations at Dubbo Quarry through extension of the existing extraction area into part Lot 222 DP1247780 and establishment of a new extraction area on part Lot 100 DP628628 (refer to attached figure).

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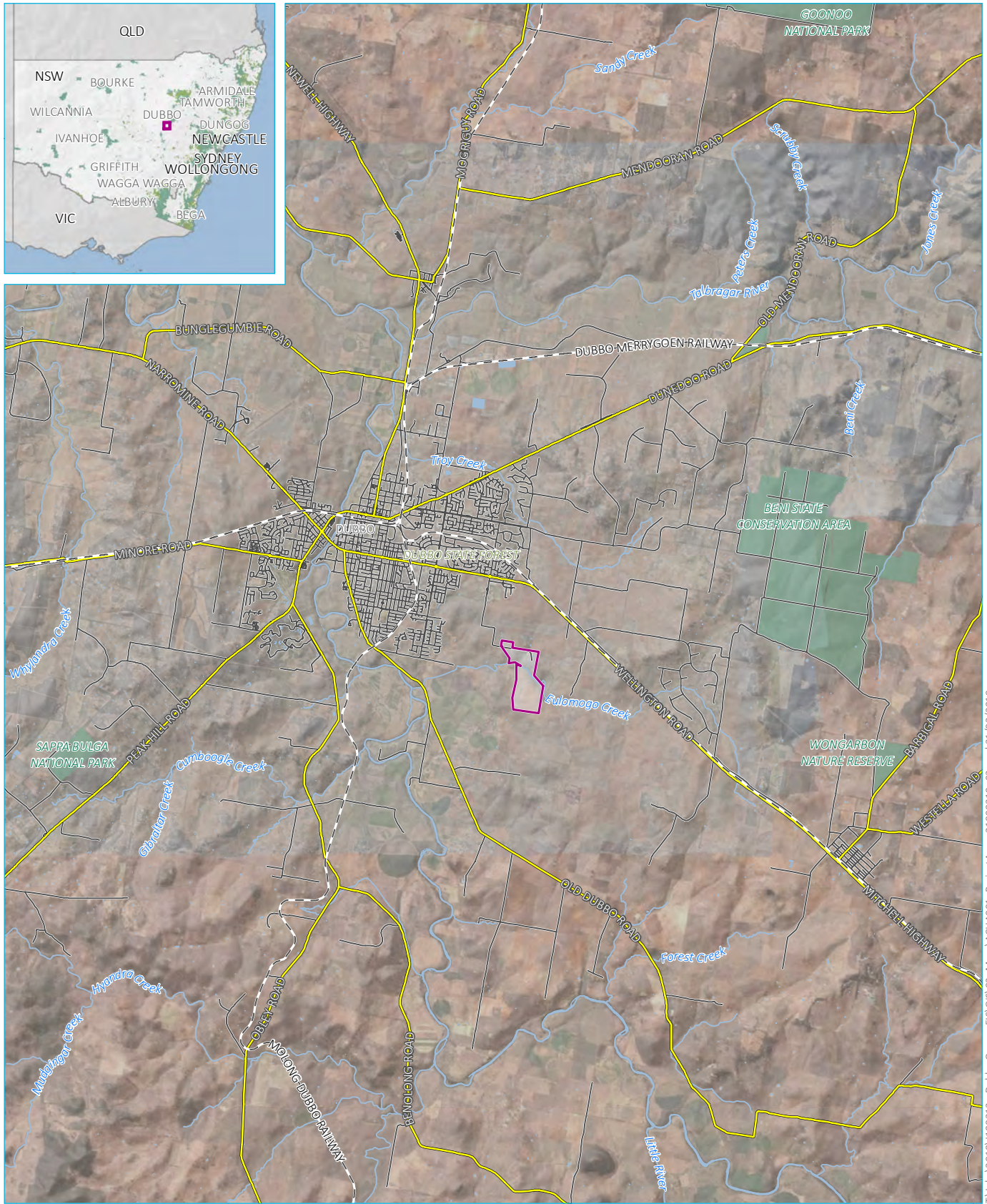
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**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)



Source: EMM (2019); DFSI (2017); GA (2011)

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- Project Area
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Project area location

Dubbo Quarry Extension  
Aboriginal cultural heritage assessment  
Figure 1



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27 May 2019

Jamie Grey  
Binjang Wellington Wiradjuri Heritage Survey  
260 Myall St  
Dubbo NSW 2830

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Jamie,

EMM Consulting Pty Ltd (EMM) on behalf of Holcim (Australia) Pty Ltd (Holcim) is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area (LGA). Holcim are seeking approval for the continuation of operations at Dubbo Quarry through extension of the existing extraction area into part Lot 222 DP1247780 and establishment of a new extraction area on part Lot 100 DP628628 (refer to attached figure).

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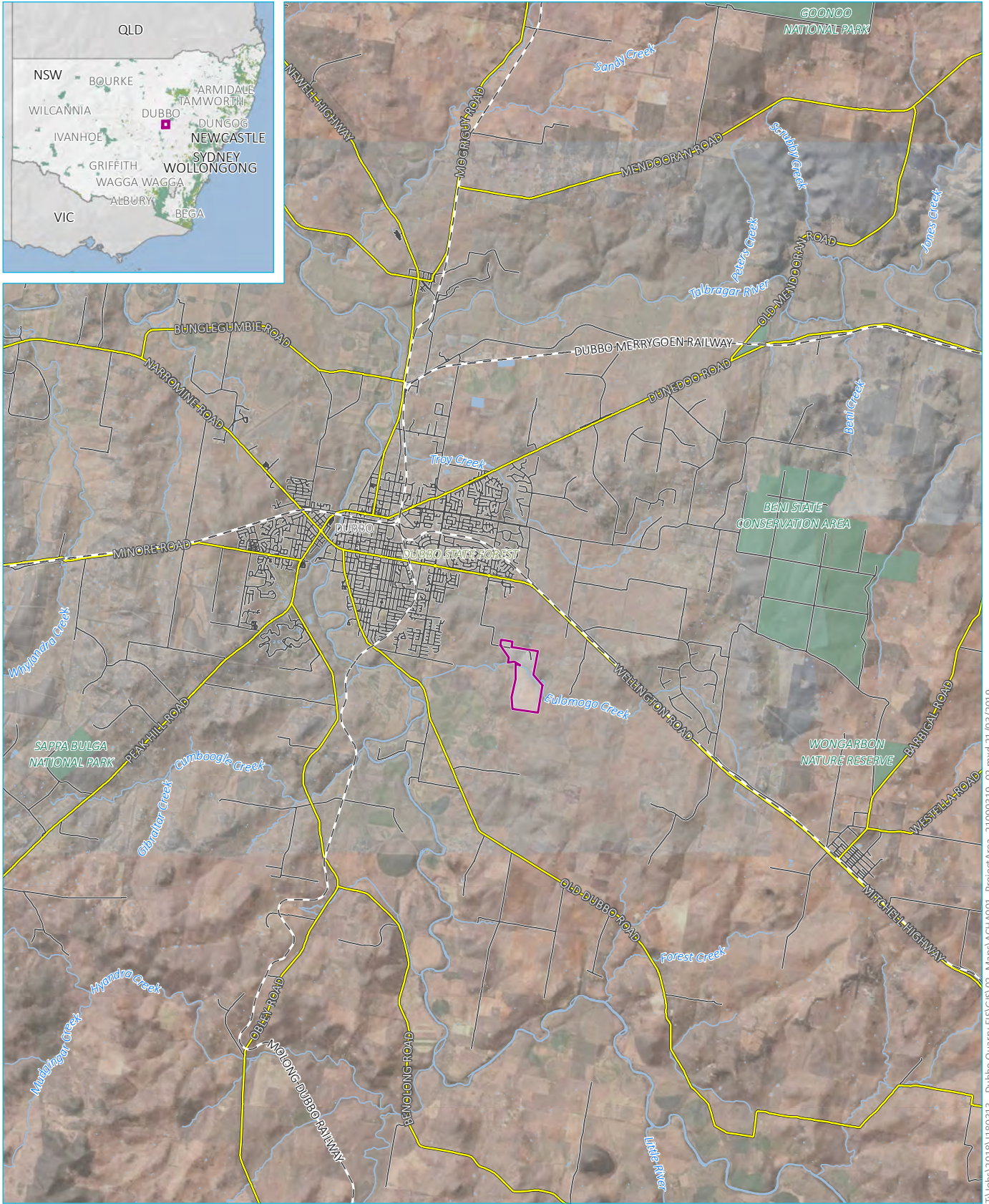
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**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)





Source: EMM (2019); DFSI (2017); GA (2011)

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Project area location

Dubbo Quarry Extension  
Aboriginal cultural heritage assessment  
Figure 1



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27 May 2019

Katrina Mckinnon  
33 Hinton Dr  
Gunnedah NSW 2380

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Katrina,

EMM Consulting Pty Ltd (EMM) on behalf of Holcim (Australia) Pty Ltd (Holcim) is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area (LGA). Holcim are seeking approval for the continuation of operations at Dubbo Quarry through extension of the existing extraction area into part Lot 222 DP1247780 and establishment of a new extraction area on part Lot 100 DP628628 (refer to attached figure).

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Newcastle NSW 2300  
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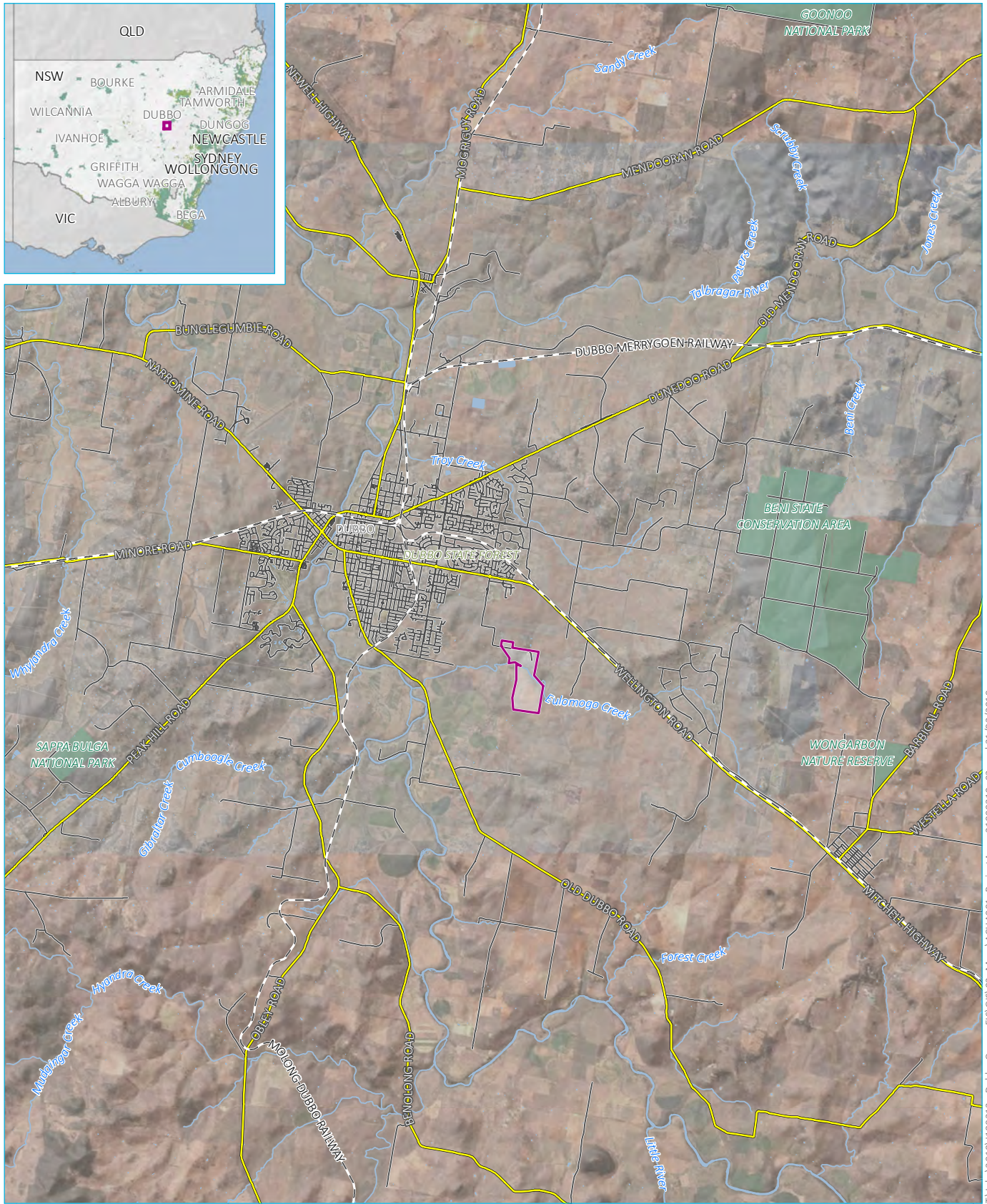
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**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)





Source: EMM (2019); DFSI (2017); GA (2011)

- KEY**
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Figure 1



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27 May 2019

Natasha Rodgers  
7 Toy Court  
Wodonga VIC 3690

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Natasha,

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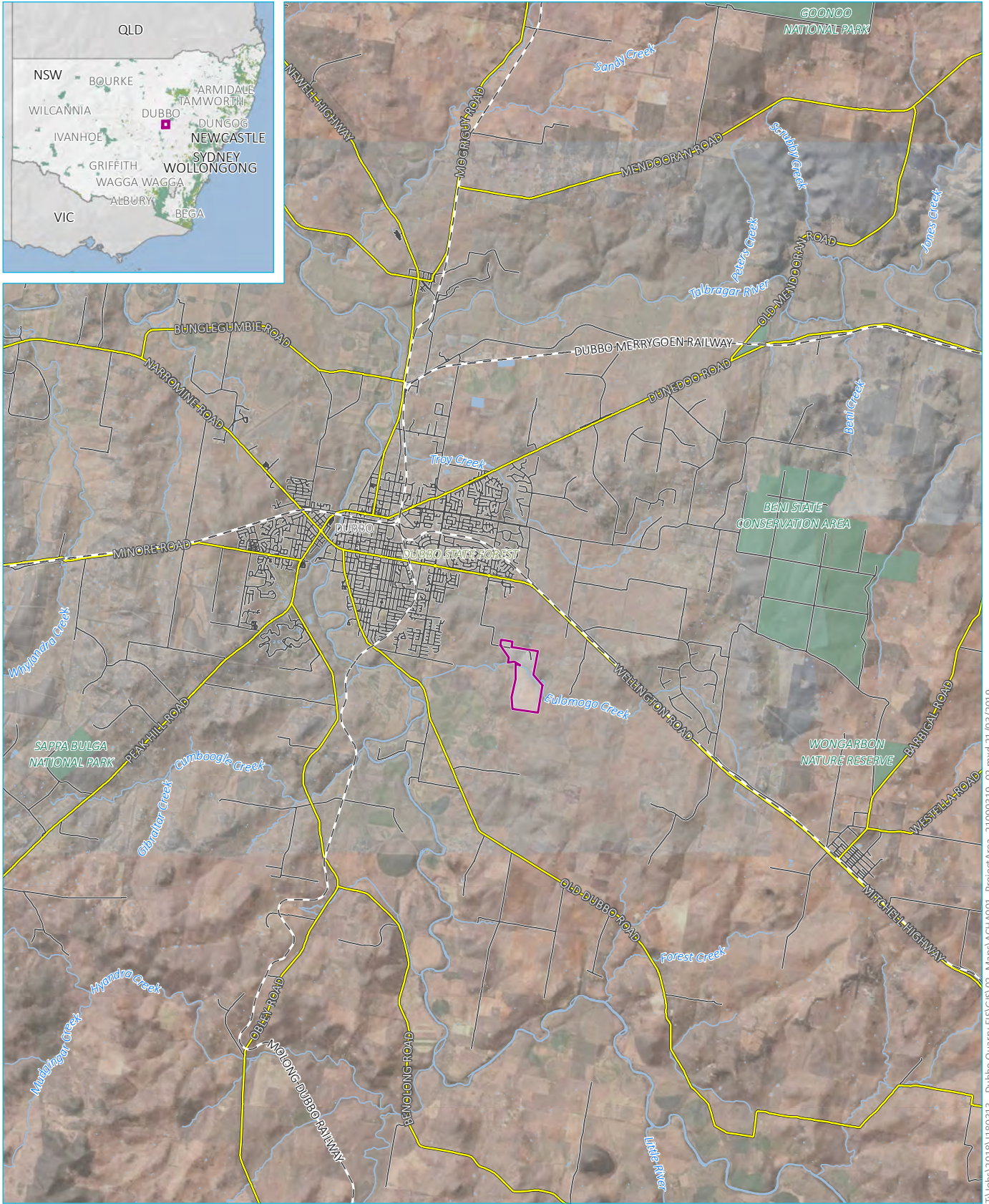
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**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)





Source: EMM (2019); DFSI (2017); GA (2011)

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27 May 2019

Neville Williams  
Mooka  
PO Box 70  
Cowra NSW 2794

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Neville,

EMM Consulting Pty Ltd (EMM) on behalf of Holcim (Australia) Pty Ltd (Holcim) is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area (LGA). Holcim are seeking approval for the continuation of operations at Dubbo Quarry through extension of the existing extraction area into part Lot 222 DP1247780 and establishment of a new extraction area on part Lot 100 DP628628 (refer to attached figure).

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**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)



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27 May 2019

Paul Brydon  
166 Minore St  
Narromine NSW 2821

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Paul,

EMM Consulting Pty Ltd (EMM) on behalf of Holcim (Australia) Pty Ltd (Holcim) is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area (LGA). Holcim are seeking approval for the continuation of operations at Dubbo Quarry through extension of the existing extraction area into part Lot 222 DP1247780 and establishment of a new extraction area on part Lot 100 DP628628 (refer to attached figure).

The project is a State Significant Development (SSD) under the State Environmental Planning Policy (State and Regional Development) 2011 (SRD SEPP). Therefore, a development application (DA) for the project is required to be submitted under Part 4, Division 4.1 of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act). The NSW Minister for Planning, or the Minister's delegate, is the consent authority.

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

- your name/organisation;
- appointed representative; and
- current contact details (postal address, email, telephone number/s).

EMM is seeking to engage all future correspondence with registered Aboriginal Parties (RAPs) via email. This method is considered the most reliable, cost-effective, and timely manner for consultation. Therefore, EMM requests your agreement to undertake the consultation via email as the official method of contact. A simple response in writing stating 'I agree to be contacted by email as the main source of consultation' is requested.

This information must be received by close of business on **10 June 2019**:

Dubbo Quarry Continuation Project  
c/o EMM Consulting Pty Ltd  
Attn: Morgan Wilcox  
PO Box 506  
Newcastle NSW 2300  
Email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

As required by OEH guidelines, details of people registering as Aboriginal Parties will be forwarded to OEH and the relevant Local Aboriginal Land Council unless you specify otherwise.

Please note that registration of interest does not guarantee paid employment or fieldwork.

If you have chosen to register for this project, we will be in contact shortly after the registration period is closed to provide a presentation of the method for the Aboriginal heritage investigation of the project for your review and comment.

Please feel free to contact me with any questions or queries about the project. You can contact me on (02) 4901 4824 or my email as provided below.

Yours sincerely

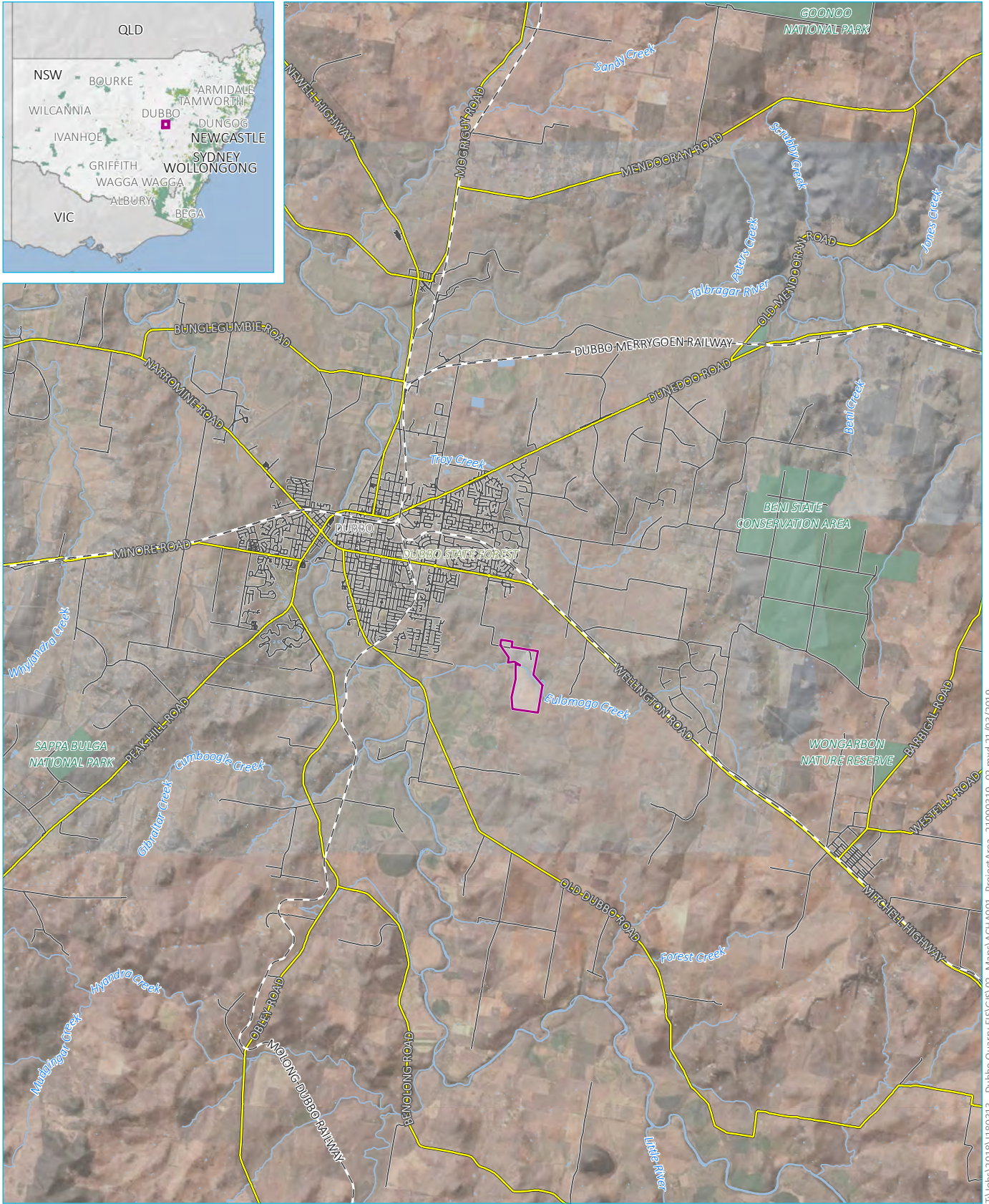
A handwritten signature in black ink, appearing to read 'M Wilcox', with a stylized flourish at the end.

**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)





Source: EMM (2019); DFSI (2017); GA (2011)

- KEY**
- Project Area
  - Waterbody
  - NPWS reserve
  - State forest
  - Rail line
  - Main road
  - Local road
  - Watercourse/drainage line

Project area location

Dubbo Quarry Extension  
Aboriginal cultural heritage assessment  
Figure 1



T:\Jobs\2018\1180313 - Dubbo Quarry ESG\GIS\02\_Maps\ACH\A01\_ProjectArea\_21090319\_02.mxd 21/03/2019



27 May 2019

Peter Peckham  
27 Jennings St  
Geurie NSW 2831

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Peter,

EMM Consulting Pty Ltd (EMM) on behalf of Holcim (Australia) Pty Ltd (Holcim) is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area (LGA). Holcim are seeking approval for the continuation of operations at Dubbo Quarry through extension of the existing extraction area into part Lot 222 DP1247780 and establishment of a new extraction area on part Lot 100 DP628628 (refer to attached figure).

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Attn: Morgan Wilcox  
PO Box 506  
Newcastle NSW 2300  
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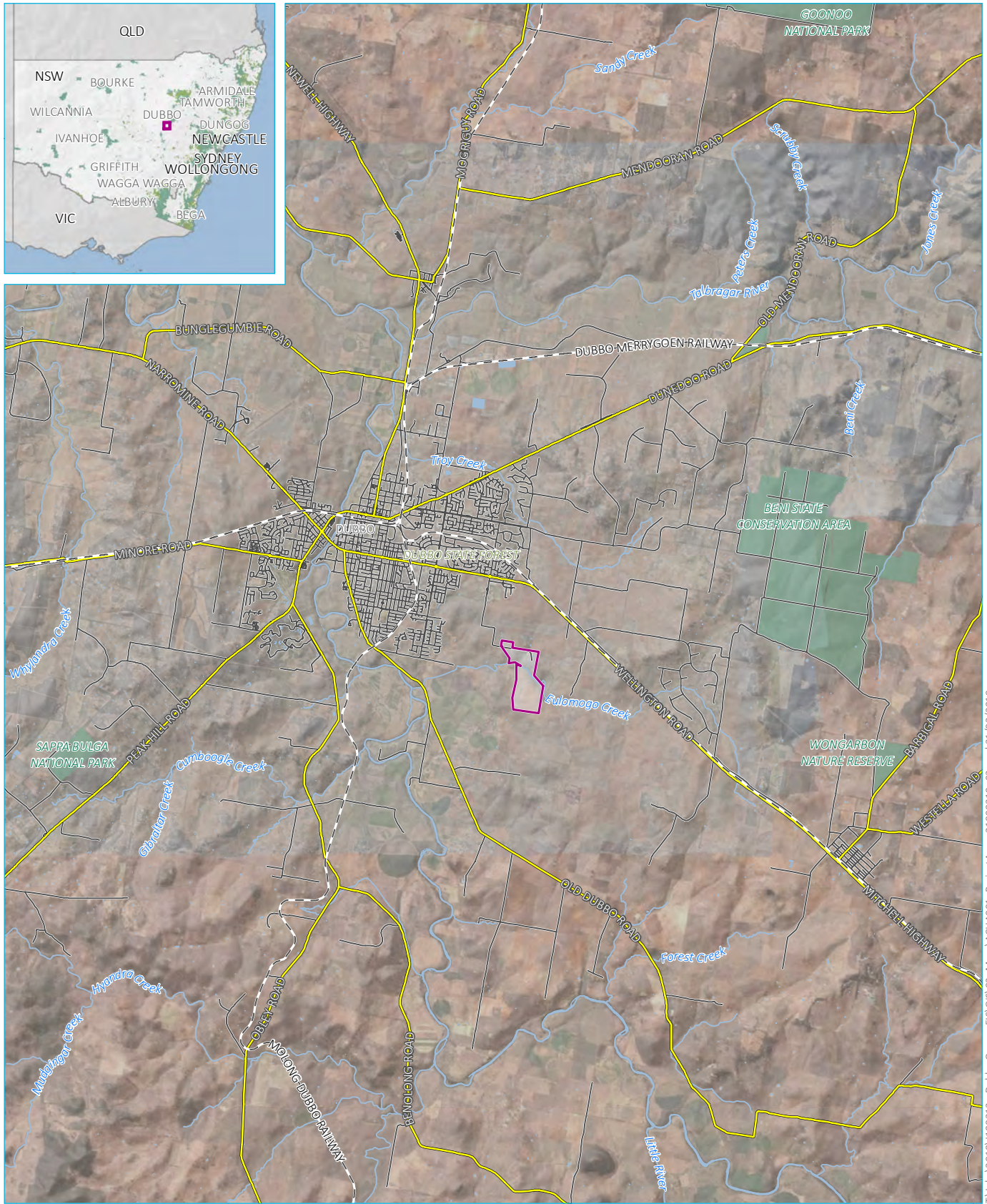
Yours sincerely

A handwritten signature in black ink, appearing to read 'M Wilcox', with a stylized flourish at the end.

**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)



Source: EMM (2019); DFSI (2017); GA (2011)

- KEY**
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Project area location

Dubbo Quarry Extension  
Aboriginal cultural heritage assessment  
Figure 1



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27 May 2019

Robert Clegg  
Wiradjuri Council of Elders  
28 Hodges St  
Parkes NSW 2870

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Robert,

EMM Consulting Pty Ltd (EMM) on behalf of Holcim (Australia) Pty Ltd (Holcim) is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area (LGA). Holcim are seeking approval for the continuation of operations at Dubbo Quarry through extension of the existing extraction area into part Lot 222 DP1247780 and establishment of a new extraction area on part Lot 100 DP628628 (refer to attached figure).

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Email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

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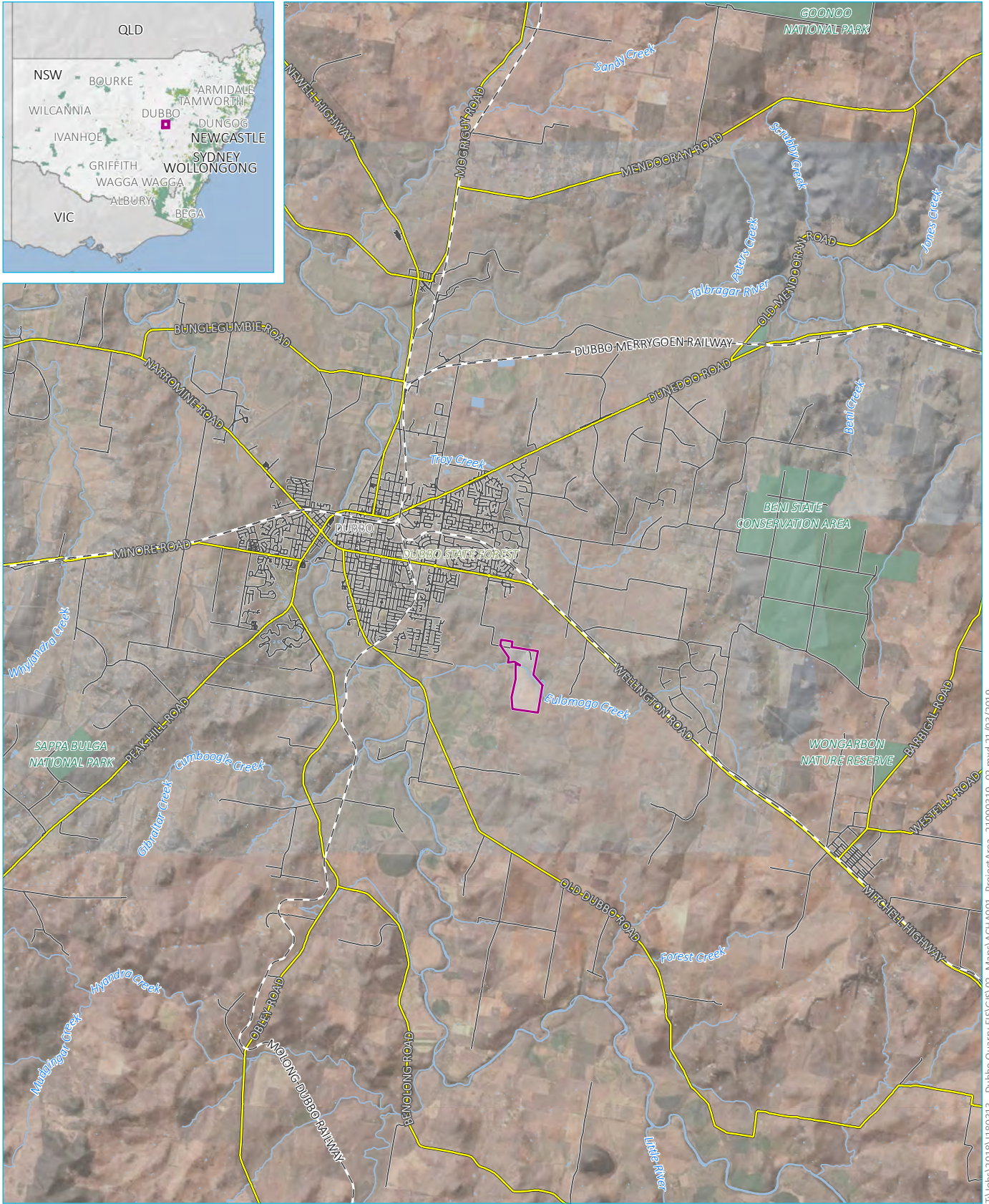
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**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)





Source: EMM (2019); DFSI (2017); GA (2011)

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Project area location

Dubbo Quarry Extension  
Aboriginal cultural heritage assessment  
Figure 1



27 May 2019

Trevor Robinson  
PO Box 73  
Peak Hill NSW 2869

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Trevor,

EMM Consulting Pty Ltd (EMM) on behalf of Holcim (Australia) Pty Ltd (Holcim) is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area (LGA). Holcim are seeking approval for the continuation of operations at Dubbo Quarry through extension of the existing extraction area into part Lot 222 DP1247780 and establishment of a new extraction area on part Lot 100 DP628628 (refer to attached figure).

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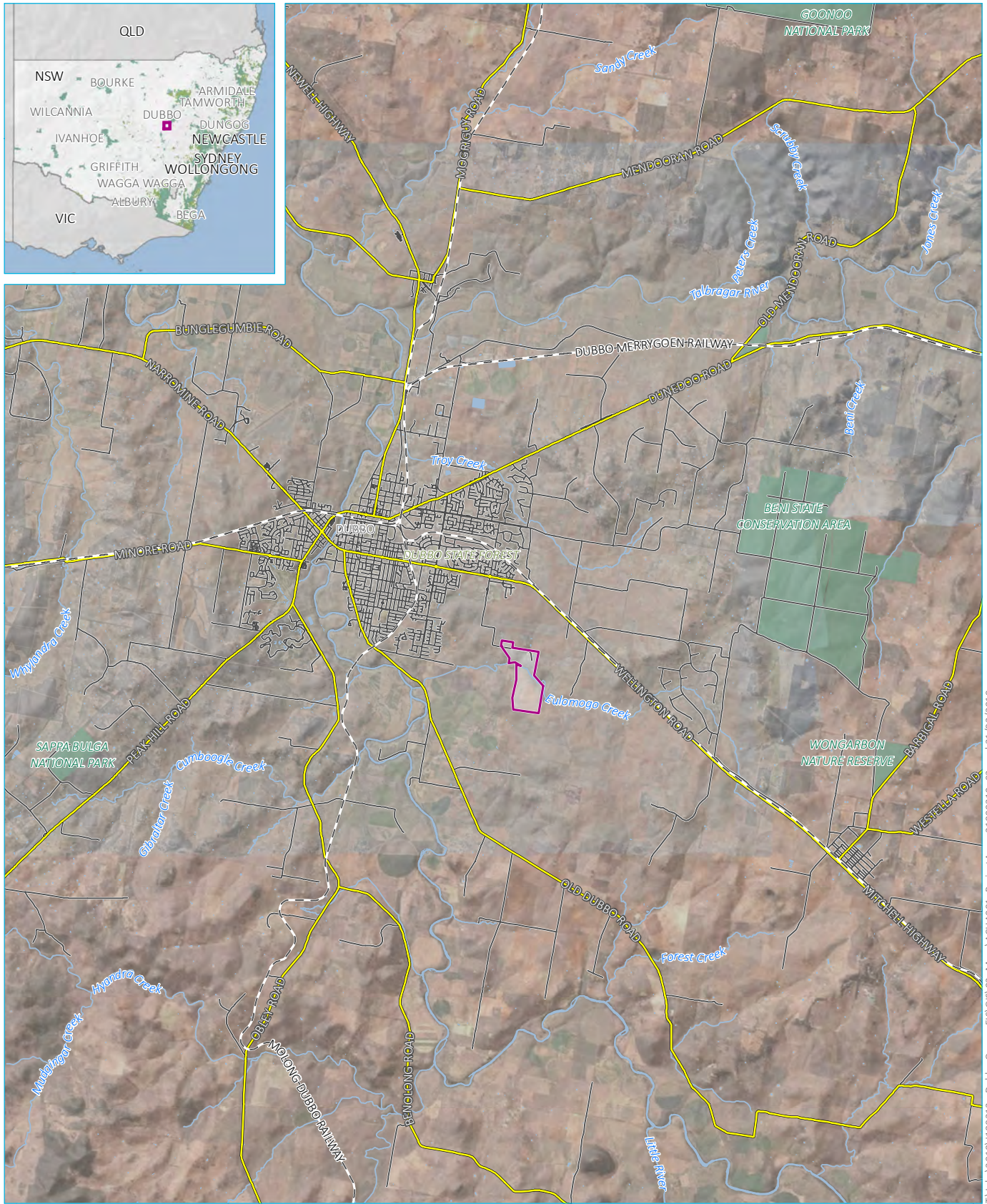
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**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)





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27 May 2019

Wiradjuri Interim Working Party  
PO Box 73  
Peak Hill NSW 2869

**Re: Dubbo Quarry Continuation Project - Invite to register**

---

Dear Sir/Madam,

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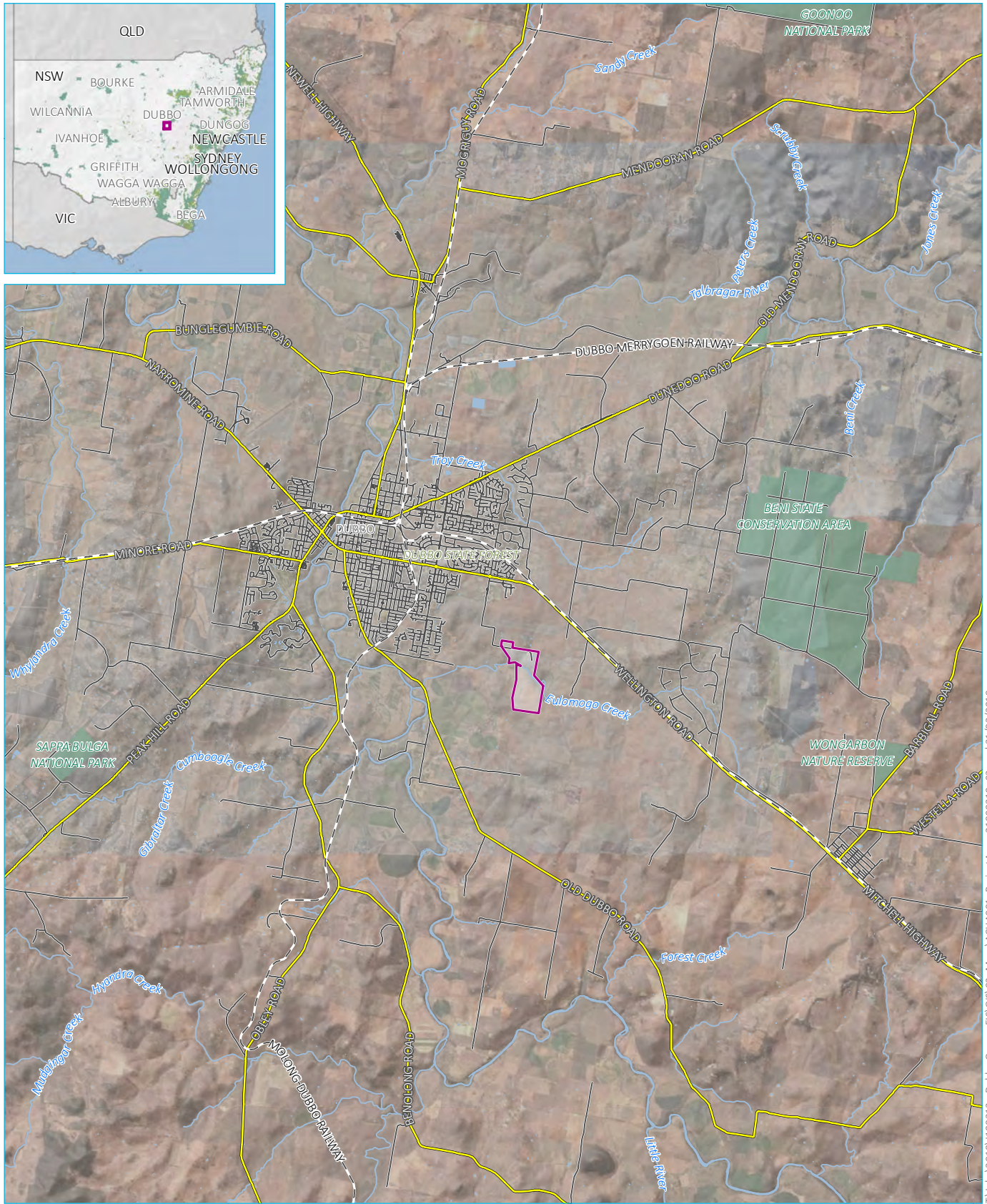
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Senior Archaeologist

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Figure 1



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## Morgan Wilcox

---

**From:** Suellyn Rees <suellyn@dlalc.com.au>  
**Sent:** Wednesday, 29 May 2019 8:27 AM  
**To:** Morgan Wilcox  
**Subject:** RE: Dubbo Quarry ACHA - Aboriginal Consultation - Invitation to register

Dear Morgan,

Please register the Dubbo Local Aboriginal Land Council as an Aboriginal organisation who holds knowledge relevant to determining the cultural significance in the area of the existing Dubbo Quarry per below.

We have an Assessor on staff who is also a Traditional Owner with a wealth of knowledge in this area.

*Kind regards*

Suellyn Rees

CEO

Mobile: 0427 121 912



Dubbo Local Aboriginal Lands Council|Cnr Darling & Wingewarra Sts|POBox1565|Dubbo,NSW 2830|Ph 02 6884 5276

"Dubbo LALC would like to acknowledge the traditional custodians of this land and pay respects to the Elders both past and present"

---

**From:** Morgan Wilcox <mwilcox@emmconsulting.com.au>  
**Sent:** Monday, 27 May 2019 5:00 PM  
**To:** Suellyn Rees <suellyn@dlalc.com.au>  
**Cc:** Raiwyn Towney <raiwyn@dlalc.com.au>  
**Subject:** Dubbo Quarry ACHA - Aboriginal Consultation - Invitation to register

Dear Suellyn and Dubbo Local Aboriginal Lands Council,

EMM Consulting on behalf of Holcim (Australia) Pty Ltd is seeking to identify Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the existing Dubbo Quarry, located at Sheraton Road Dubbo NSW within the Dubbo Regional Council Local Government Area.

Please see attached an invitation to register.

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

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- appointed representative; and
- current contact details (postal address, email, telephone number/s).

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This information must be received by Morgan Wilcox (see contact details below) by close of business on **Monday 10 June 2019**:

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c/o EMM Consulting Pty Ltd  
Attn: Morgan Wilcox  
PO Box 506  
Newcastle NSW 2300  
Email: [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

Kind regards  
Morgan

**Morgan Wilcox**  
Senior Archaeologist



**T** 02 4907 4800  
**M** 0400 264 916  
**D** 02 4907 4824  
 Connect with us

**NEWCASTLE | Level 1, 146 Hunter Street, Newcastle 2300**

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## Morgan Wilcox

---

**From:** Grace Toomey <Grace.Toomey@dubbo.nsw.gov.au>  
**Sent:** Tuesday, 28 May 2019 2:22 PM  
**To:** Morgan Wilcox  
**Cc:** 'Paul CARR'  
**Subject:** RE: Dubbo Quarry ACHA - Aboriginal Consultation - Invitation to register

Hi Morgan

I would like to register on behalf of the Dubbo Aboriginal Community working Party and nominate Paul Carr, Chairperson of Dubbo Local Aboriginal Land Council. I have copied Paul in this email.

Cheers

**Grace Toomey**  
Aboriginal Liaison Officer  
Dubbo Regional Council  
**P** 02 6801 4406 **F** 02 6801 4259  
**M** 0408 689 688  
**E** [Grace.Toomey@dubbo.nsw.gov.au](mailto:Grace.Toomey@dubbo.nsw.gov.au)



<http://dubbo.nsw.gov.au>

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---

**From:** Morgan Wilcox <[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)>  
**Sent:** Monday, 27 May 2019 5:07 PM  
**To:** Grace Toomey <[Grace.Toomey@dubbo.nsw.gov.au](mailto:Grace.Toomey@dubbo.nsw.gov.au)>  
**Cc:** DRC Mailbox <[council@dubbo.nsw.gov.au](mailto:council@dubbo.nsw.gov.au)>  
**Subject:** Dubbo Quarry ACHA - Aboriginal Consultation - Invitation to register

Dear Grace and Paul (Dubbo City Council Aboriginal Community Working Party)

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Kind regards  
Morgan

### Morgan Wilcox

Senior Archaeologist



**T** 02 4907 4800

**M** 0400 264 916

**D** 02 4907 4824

 Connect with us

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## Morgan Wilcox

---

**From:** Morgan Wilcox  
**Sent:** Tuesday, 11 June 2019 1:26 PM  
**To:** 'Helen Knight'  
**Cc:** 'rog.nw@environment.nsw.gov.au'  
**Subject:** RE: RAPs List for the Dubbo Quarry Continuation Project  
**Attachments:** DubboQuarryACHA\_Invitation to register\_Dubbo LALC.pdf; Media Notice - 27 May 2019.JPG

Good afternoon Helen,

In accordance with item 4.1.6 of the consultation requirements please see below list of Aboriginal parties who registered to be consulted for the above project.

| Registered Aboriginal Parties                         | Contact(s)                | Address                       |
|---|---------------------------|-------------------------------|
| Dubbo Local Aboriginal Lands Council                  | Suellyn Rees              | PO Box 1565<br>Dubbo NSW 2830 |
| Dubbo City Council Aboriginal Community Working Party | Paul Carr<br>Grace Toomey | PO Box 81<br>Dubbo NSW 2830   |

As requested, please be advised that letters to the following parties were not delivered due to the reasons provided.

| Organisation   | Contact(s)       | Address                           | Comments  |
|--|------------------|-----------------------------------|-----------|
| Central West Catchment Management Authority Aboriginal Reference Group | Graham Kelly     | PO Box 227 Wellington<br>NSW 2820 | Item not  |
| Mooka  | Neville Williams | PO Box 70<br>Cowra NSW 2794       | Returned  |
|  | Natasha Rodgers  | 7 Toy Court<br>Wodonga VIC 3690   | Letter re |
|  | Trevor Robinson  | PO Box 73<br>Peak Hill NSW 2869   | Returned  |
| Wellington Valley Wiradjuri Aboriginal Corporation                     | Chairperson      | PO Box 2290<br>Orange NSW 2800    | Returned  |
| Wiradjuri Council of Elders  | Robert Clegg     | 28 Hodges St<br>Parkes NSW 2870   | Returned  |
| Wiradjuri Interim Working Party  | None provided    | PO Box 73<br>Peak Hill NSW 2869   | Returned  |

Please also find attached:

1. Copy of the letter notification requesting registrations for the project.
2. Copy of the advertisement requesting registrations for the project.


Should you require anything further please don't hesitate to ask.

Kind regards  
Morgan

**Morgan Wilcox**  
Senior Archaeologist





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M 0400 264 916  
D 02 4907 4824  
 Connect with us

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---

**From:** Helen Knight <Helen.Knight@environment.nsw.gov.au>

**Sent:** 16 May, 2019 12:36 PM

**To:** Morgan Wilcox <mwilcox@emmconsulting.com.au>

**Subject:** RAPs List for the Dubbo Quarry Continuation Project

Hi Morgan,

Find attached OEH's response with the RAPs List for the Dubbo Quarry Continuation Project

If you receive any return to sender letters, would you be able to advise us so we can amend our lists for future reference

Regards, Helen



**Helen Knight**

Conservation Planning & GIS Data  
Information Officer

North West Planning Team  
Conservation and Regional  
Delivery

48–52 Wingewarra Street, Dubbo 2830

PO Box 211, Dubbo 2830

T 02 6883 5327 F 02 6884 8675

W: [www.environment.nsw.gov.au](http://www.environment.nsw.gov.au)

---

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Any views expressed in this email are those of the individual sender except where the sender expressly and with authority states them to be the views of the NSW Office of Environment and Heritage.

PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS EMAIL

## Morgan Wilcox

---

**From:** Morgan Wilcox  
**Sent:** Tuesday, 11 June 2019 1:28 PM  
**To:** 'Suellyn Rees'  
**Subject:** RAPs List for the Dubbo Quarry Continuation Project  
**Attachments:** DubboQuarryACHA\_Invitation to register\_Dubbo LALC.pdf; Media Notice - 27 May 2019.JPG

Good afternoon Suellyn,

In accordance with item 4.1.6 of the consultation requirements please see below list of Aboriginal parties who registered to be consulted for the Dubbo Quarry Continuation Project.

| Registered Aboriginal Parties                         | Contact(s)                | Address                       |
|---|---------------------------|-------------------------------|
| Dubbo Local Aboriginal Lands Council                  | Suellyn Rees              | PO Box 1565<br>Dubbo NSW 2830 |
| Dubbo City Council Aboriginal Community Working Party | Paul Carr<br>Grace Toomey | PO Box 81<br>Dubbo NSW 2830   |

Please also find attached:


1. Copy of the letter notification requesting registrations for the project.
2. Copy of the advertisement requesting registrations for the project.

Should you require anything further please don't hesitate to ask.

Kind regards  
Morgan

**Morgan Wilcox**  
Senior Archaeologist



**T** 02 4907 4800  
**M** 0400 264 916  
**D** 02 4907 4824  
 Connect with us

**NEWCASTLE | Level 1, 146 Hunter Street, Newcastle 2300**

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## Morgan Wilcox

---

**From:** Morgan Wilcox  
**Sent:** 11 June, 2019 12:58 PM  
**To:** 'Suellyn Rees'  
**Subject:** Dubbo Quarry Continuation Project: Stage 2/3 Consultation Letter  
**Attachments:** J180313\_Aboriginal Consultation\_Stage 2 and Stage 3 Letter\_V1.0.pdf

Dear Suellyn (and the Dubbo LALC),

Thank you for registering to be consulted as part of the Aboriginal cultural heritage assessment for the Dubbo Quarry Continuation Project.

See attached letter addressing Stage 2 and Stage 3 of the consultation requirements.


Please review the attached and provide any feedback or comments to me via reply email by **Tuesday 9 July 2019**.

Any questions at all please do not hesitate to contact me.

Kind regards  
Morgan

**Morgan Wilcox**  
Senior Archaeologist



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## Morgan Wilcox

---

**From:** Morgan Wilcox  
**Sent:** 11 June, 2019 12:57 PM  
**To:** 'carrs.brocky@gmail.com'  
**Cc:** 'Grace Toomey'  
**Subject:** Dubbo Quarry Continuation Project: Stage 2/3 Consultation Letter  
**Attachments:** J180313\_Aboriginal Consultation\_Stage 2 and Stage 3 Letter\_V1.0.pdf

Dear Paul, Grace,

Thank you for registering to be consulted as part of the Aboriginal cultural heritage assessment for the Dubbo Quarry Continuation Project.

See attached letter addressing Stage 2 and Stage 3 of the consultation requirements.


Please review the attached and provide any feedback or comments to me via reply email by **Tuesday 9 July 2019**.

Any questions at all please do not hesitate to contact me.

Kind regards  
Morgan

**Morgan Wilcox**  
Senior Archaeologist



**T** 02 4907 4800  
**M** 0400 264 916  
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11 June 2019

**Re: Dubbo Quarry Continuation Project: Presentation of information, request for cultural information, and request for feedback about proposed Aboriginal cultural assessment methods**

---

Dear Registered Aboriginal Party,

## 1 Introduction

Thank you for registering your interest in being consulted on Aboriginal cultural heritage matters for the Dubbo Quarry Continuation Project (henceforth referred to as 'the project'). EMM Consulting Pty Limited (EMM), on behalf of Holcim (Australia) Pty Ltd (Holcim), is preparing an Aboriginal cultural heritage assessment (ACHA) for the project. The ACHA will support a broader Environmental Impact Statement (EIS) currently being prepared for the project.

The aims of this letter are to:

- provide an overview of the project and approval pathway;
- establish the purpose and aims of the Aboriginal consultation process;
- provide your party with an opportunity to inform EMM about any Aboriginal cultural heritage values associated with the project and how they may affect, inform or refine the project and/or assessment methods;
- identify any culturally appropriate protocols that registered parties wish to be adopted during the information gathering process (eg protocols during field survey, or handling of culturally sensitive information);
- present a draft of the intended ACHA methods for your review and comment; and
- notify your party of upcoming fieldwork.

We welcome your written feedback at your earliest opportunity, and no later than **9 July 2019** (ie 28 days from issue of this letter). Whilst letters attached to email is the preferred mode of written communication as it reduces postal waiting periods, EMM are happy to discuss alternatives with your party if this is unsuitable.

## 2 Project description

Holcim are the owners and operators of Dubbo Quarry (the quarry) located on Sheraton Road, Dubbo. The quarry has operated since 1980 under a development consent granted by Dubbo Regional Council (DRC). Accessible basalt resources within the existing quarry boundary are close to exhaustion. Holcim is, therefore, seeking planning approval for the project which involves the continued operation of the quarry through the development of two new resource areas.

The project area encompasses a total area of 146 ha, including part Lot 222 DP1247780 and part Lot 100 DP628628 (as shown on Figure 1).

The project involves continued operations into two new resource areas:

- the Western Extension Area (WEA) located within Lot 100, west and north-west of the existing quarry pit; and
- the South Pit Area (SPA) located within Lot 222, to the south of the existing quarry boundary on the southern side of Eulomogo Creek.

Other project features would include:

- a private access/haul road in the form of a bridge or level crossing across Eulomogo Creek;
- relocation of the quarry access road along the northern boundary of Lot 100;
- a possible mobile crushing and screening plant within SPA; and
- water management systems for existing and new areas.

During the preparation of the EIS, the project development footprint may be refined on the basis of stakeholder engagement, environmental assessment and constraints identification, engineering assessment and financing considerations.

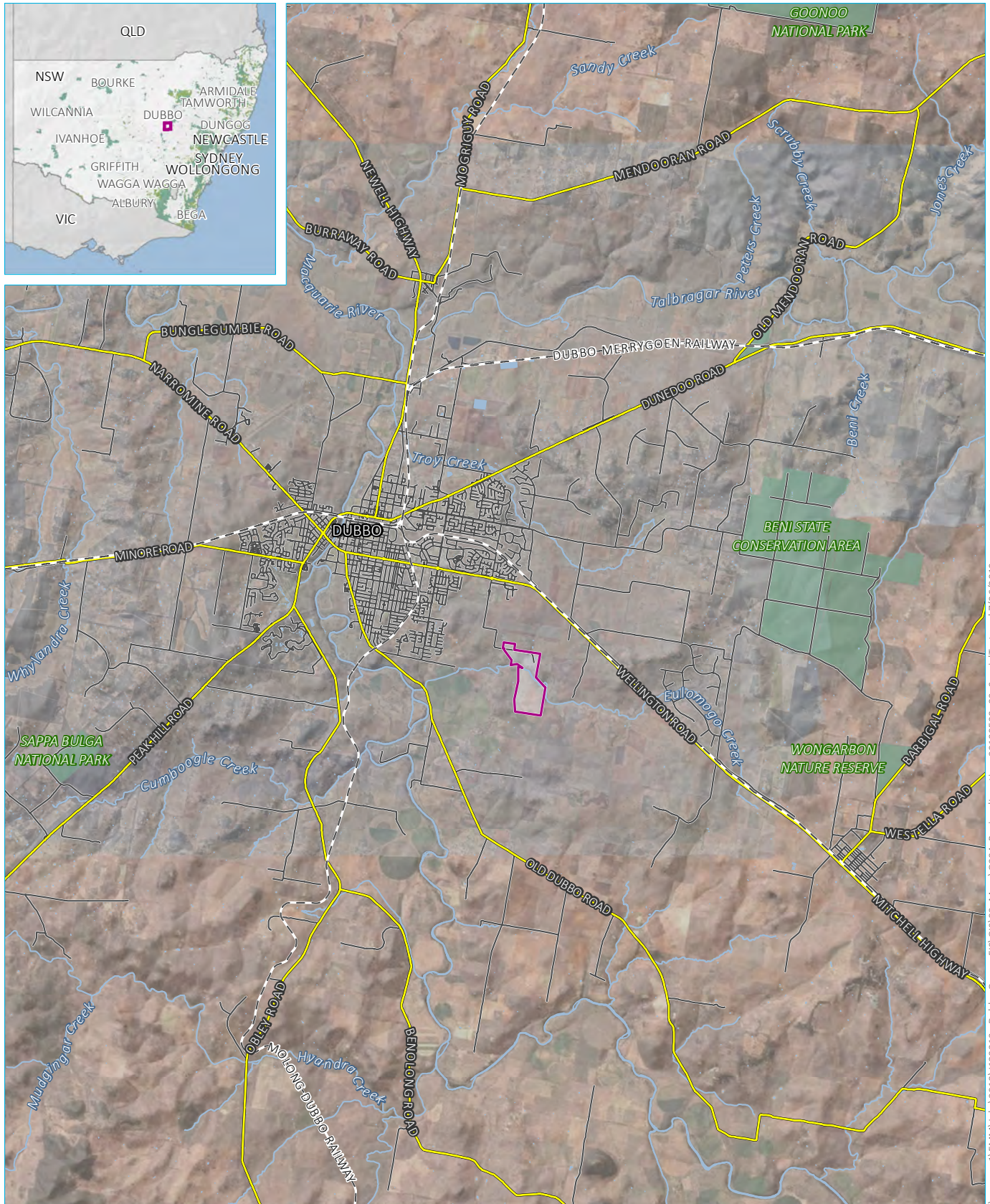
### 3 Project approval pathway

The project is declared State significant development (SSD) under Part 4, Division 4.7 of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act). The NSW Minister for Planning is the consent authority for the project.

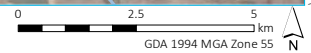
A development application (DA) for SSD is required to be submitted with an EIS prepared in accordance with the Secretary's Environmental Assessment Requirements (SEARs). Although project SEARs have not yet been issued, EMM anticipates they will specify that an ACHA is required to accompany the EIS.

By virtue of section 4.41 of the EP&A Act, an Aboriginal Heritage Impact Permit (AHIP) under section 90 of the NSW *National Parks and Wildlife Act 1974* is not required for SSD. If the project is approved, any Aboriginal objects and/or places impacted would be managed under an Aboriginal Heritage Management Plan (AHMP), likely following endorsement by the NSW Department of Planning and Environment (DPE) and Office of Environment and Heritage (OEH).





Source: EMM (2019); DFSI (2017); GA (2011)



**KEY**

- Project Area
- Waterbody
- NPWS reserve
- State forest
- Rail line
- Main road
- Local road
- Watercourse/drainage line

Project area location

Dubbo Quarry Continuation Project  
Aboriginal cultural heritage assessment  
Figure 1



\\emmsvr1\EMM\Jobs\2018\1180313 - Dubbo Quarry EIS\GIS\02\_Maps\G004\_RegionalLocation\_20190508\_02\_SpecialText.tmx:7/06/2019

## 4 Preliminary desktop assessment

### 4.1 Overview

The following information is provided so that your party is introduced to the landscape within the project area and its archaeological context. The intent is that this will allow areas of potential cultural importance to be identified early for consideration in the archaeological survey. The information provided is an overview only, and the ACHA will provide more detailed background research and analysis that has been used to develop the predictive model of potential Aboriginal site locations which will guide the archaeological survey.

### 4.2 Landscape overview

The project area lies within the Brigalow Belt South Bioregion, and predominantly falls within the Talbragar Basalts ecosystem and Dubbo Basalts landscape unit. The topography of the Dubbo Basalts landscape unit is characterised by slightly elevated plains and low hills on flat lying Tertiary volcanics (basalt and trachyte). General elevation across this landscape ranges from 300 m to 330 m above sea level (ASL) with a local relief of 10 m. Topography of the project area features very subtly undulating slopes and plains ranging in elevation from 280–310 m ASL predominantly on a westerly aspect, with local relief in proximity to Eulomogo Creek.

The geology of the project area is dominated by basalt deposits and outcropping, with areas of sandstone outcropping. Soils are characterised by friable surface soils with moderate to high susceptibility to erosion. Undisturbed soils typically comprise strongly structured reddish-brown friable or cracking clay loams and light clay topsoils, with a dark reddish-brown clay subsoil at 40 cm.

The project area lies within the catchment system of the Macquarie River which is located approximately 2.7 km east of the project area. The project area is transected by Eulomogo Creek and features associated second and first order ephemeral drainage lines. The local hydrology would likely have provided a semi-permanent water supply, in addition to water collecting in stone outcropping during rainfall events.

Historical land use impacts within the project area has resulted in extensive vegetation clearance and cultivation which has increased susceptibility to sheet and gully erosion. The project area is currently broadly used for quarrying activities, pastoralism and cultivation. Existing land-use practices surrounding the site include commercial quarrying activities to the immediate north a solar farm further north, and rural residential properties. More distant land uses include low-density housing approximately 1.5 km to the west and a school precinct area to the north-west near the junction of Sheraton Road and the Mitchell Highway.

### 4.3 Archaeological background

#### 4.3.1 AHIMS search results

EMM conducted a search of the Aboriginal Heritage Information Management System (AHIMS) database on 25 February 2019 which identified 77 sites within a 10 km x 10 km search area centred on the project area. The aim of the search was to identify if any Aboriginal sites or places are registered within the project area and to aid predictions for the project area from the frequency and distribution of Aboriginal site types in the broader landscape.

The location of AHIMS sites is shown on Figure 2 and a breakdown of AHIMS sites by type is provided in Table 1.

There are no AHIMS sites recorded within the project area. However, there are 13 sites within 1 km of the project area boundary, including two grinding groove sites, one modified tree, one isolated artefact and nine artefact scatters.





\\lemssvr1\EMM\jobs\2018\1180313 - Dubbo Quarry GIS\02\_Maps\G003\_AHIMS\_21090604\_02.mxd 7/06/2019

Source: EMM (2019); DFSI (2017); GA (2011); Nearmap (2018)

**KEY**

- Project Area
- Contour (10 m)
- Main road
- Stream order
  - 1st order
  - 2nd order
  - 3rd order
  - 4th order
  - 9th order
- AHIMS by site type
  - Aboriginal ceremony & dreaming, hearth, grinding groove, artefacts
  - Artefact (number not specified)
  - Artefact scatter
  - Burial, modified tree
  - Grinding groove
  - Isolated find
  - Midden, artefacts
  - Modified tree
  - Modified tree, midden, artefacts
  - PAD
  - Stone quarry, artefacts

**AHIMS data and the project area**

Dubbo Quarry Continuation Project  
Aboriginal cultural heritage assessment  
Figure 2





**Table 1: AHIMS extensive search results (as of 25 February 2019)**

| Site type  | Number of sites | Representation (%) |
|--|-----------------|--------------------|
| Open camp sites  | 38              | 49%                |
| <i>Artefact site (number of artefacts not specified)</i>           | 24              | 31%                |
| <i>Artefact scatter</i>  | 8               | 10%                |
| <i>Isolated find</i>   | 6               | 8%                 |
| Culturally modified tree   | 30              | 39%                |
| Grinding groove  | 2               | 2.5%               |
| Burial with culturally modified tree (carved)                      | 2               | 2.5%               |
| Potential archaeological deposit (PAD)                             | 1               | 1%                 |
| Quarry site with artefacts   | 1               | 1%                 |
| Culturally modified tree (scarred) with midden and artefacts       | 1               | 1%                 |
| Midden with artefacts  | 1               | 1%                 |
| Aboriginal ceremony & dreaming, hearth, grinding groove, artefacts | 1               | 1%                 |
| <b>Total</b>   | <b>77</b>       |                    |

#### 4.3.2 Archaeological studies and their implications

This section provides a summary of the background research completed for the ACHA and discusses its implications for the project area based on landscape analysis. This provides a preamble to the predictive model presented in Section 4.4 which provides more succinct predictive statements for site types within the project area.

The following is a summary of previous investigations undertaken in the locality, including sites identified by the AHIMS extensive search, which are discussed in order of proximity to the project area.

##### *Aboriginal due diligence assessment, proposed extension to Dubbo Quarry, Sheraton Road (Umwelt 2018)*

As part of the current proposal to extend Dubbo Quarry, Holcim engaged Umwelt in 2018 to complete an Aboriginal heritage due diligence assessment of part of former Lot 22 DP793541 which now lies within Lot 100 due to a lot boundary adjustment. A site inspection identified the main landform as a broad crest with gently inclined slope to the west (Umwelt 2018, p. 5). The ground surface had been highly disturbed due to clearance of native vegetation and pastoral use, leading to significant erosion. Umwelt identified the level of erosion within their subject area as particularly important, particularly when considered in conjunction with the extremely shallow topsoils present in the subject area. They concluded that these characteristics together indicate a low archaeological potential as there is less chance that intact deposits will remain in skeletal topsoil.

No Aboriginal sites were identified as a result of the inspection. Mature eucalypts within the project area were examined for cultural scarring and no artefacts or evidence of flaking or fracturing on the basalt outcropping or pebbles was identified.

##### *Archaeological survey of industrial candidate area no 1. – Mitchell/Eulomogo, east of Dubbo (CWAHS 1998)*

In 1998, Central West Archaeological and Heritage Services Pty Ltd (CWAHS 1998) completed an archaeological assessment of 300 ha of privately-owned land identified as a potential area for a future industrial estate as part of an Urban Development Strategy. CWAHS' study area included land to the north and east of the project area and part of its northern portion (former Lot 22 DP793541).



A total of nine Aboriginal sites were recorded as a result of the assessment, including six open camp sites, two axe grinding groove sites and one scarred tree (CWAHS 1998). All nine sites are situated within 83–805 m from the project area.

The findings of the CWAHS assessment conformed with the distributional models of the report which predicted that sites would occur along the banks of perennial and ephemeral creek lines, with large open camp sites within 1 km of Eulomogo Creek. The variability of larger open camp sites on hillslopes exceeding 1 km from waterways is inferred to indicate that large amounts of basal outcropping would have trapped and pooled sufficient water during periods of rain (CHAHS 1998, p. 32).

CWAHS (1998, p. 33) note that the extent of disturbance resulting from changing and current land use has had significant implications for the preservation of Aboriginal sites and the loss of archaeological integrity within the study area most notably as a result of clearance and the continued destruction of known sites as a result of cultivation.

#### *Aboriginal due diligence assessment subdivision of Lot 2 DP880413 Sheraton Road (OzArk 2017)*

In 2017, OzArk Environmental and Heritage Management Pty Ltd (OzArk) completed a due diligence assessment of Lot 2 DP 880413, located on Sheraton Road to the immediate east of the project area.

Three previously recorded sites, recorded by CWAHS as discussed above, were identified in addition to one new site, Hillview-IF1 (AHIMS 36-1-0707) approximately 290 m from the project area. Hillview-IF1 is an isolated mudstone multidirectional core located on a gentle mid-slope landform in a cleared, grazed and possibly ploughed paddock, beside a paddock fence (OzArk 2017, p. 22). The potential for subsurface archaeological deposits was assessed as being low–moderate due to distance from water, the gentle sloping landform, and levels of ground disturbance.

An area of potential archaeological sensitivity encompassing a 30 m buffer from Eulomogo Creek was also identified by the assessment, delineated on the basis of landform potential and the presence of previously recorded Aboriginal objects, sites and potential archaeological deposits (PAD) (OzArk 2017, p. 31).

#### *Archaeological Survey for the Proposed Keswick Housing Sub-division, Dubbo NSW (CWAHS 1995)*

In 1995, CWAHS completed an archaeological assessment of 415 ha of rural land where a residential housing development was proposed, located to the immediate east of the project area. A total of 12 Aboriginal sites were recorded as a result of the assessment, including six culturally modified trees, four open camp sites, and two isolated finds. Three of these sites are located within 600 m of the project area.

CWAHS (1995, p. 46) attributes the notable absence of larger artefact types such as stone axes or grind stones from the landscape, which would once have been present in association with grinding groove sites and millstones, to artefact collectors of the early 1900s. For example, Gresser (1941) refers to large collections of artefacts removed from sites in the locality now known to be kept in the Australian Museum.

#### *Assessment of Aboriginal sites in the Dubbo City Area (Koettig 1985)*

In 1985, Margrit Koettig completed an archaeological assessment of Dubbo city and its limits as part of a Local Environmental Planning study. The assessment was undertaken in consultation with the local and regional Aboriginal Land Councils who also participated in fieldwork.

A total of 72 Aboriginal sites were recorded as a result of the study including 60 open campsites (five with associated scarred trees and three with associated hearth features), 11 scarred trees and one carved tree (Koettig 1985, p. 71). Ten of the 72 sites, M13 to M22 (AHIMS 36-1-0106 to 36-1-0115), are located within 3.5 km of the project area, including three scarred River Gums trees and seven open camp sites.

A wide variety of raw lithic materials were identified by the study including quartz, silcrete, quartzite, indurated mudstone, chert and others (Koettig 1985, p. 117). Artefact assemblages were dominated by

flakes, flaked pieces and cores; however, backed blades, hammerstones, hatchets, and a grindstone were also recorded (Koettig 1985, pp. 124-125). Artefact densities were noted to markedly decrease in correlation to increased distance from the Macquarie or Talbragar Rivers (Koettig 1985, p. 127).

#### *Dubbo Local Government Aboriginal Heritage Study (OzArk 2007)*

In 2007, OzArk completed a Dubbo local government area (LGA) wide Aboriginal cultural heritage study on behalf of Dubbo City Council. This project overlaid all AHIMS registered sites within the LGA on a mapped geomorphological GIS layer of landforms.

Results of the study confirmed that most Aboriginal sites are recorded within 100 m of water accompanied by a general trend of fewer sites being recorded more distant from water. The majority of sites were recorded on Quaternary alluvium soils. This geological unit occurs near major waterways such as Macquarie River and the major creek lines and supports the more complex ecological communities in the region. Therefore, on a local and regional model, the likelihood of associated Aboriginal sites increases with proximity to water.

This study recorded a total of 26 Aboriginal sites. Nine of the 26 sites are located in general proximity (3.5–7 km) to the project area. These sites include four scarred trees (DLGA-ST-01, 02, 06 and 07), two isolated finds (DLGA-IF-01 and 02) and three open camp sites (DLGA-OS-01 to 03). All nine sites are located along the immediate margins of the Macquarie River thereby conforming with the findings of the study which noted that the banks of the Macquarie River exhibited elevated archaeological sensitivity.

#### 4.4 Predictive model

A predictive model of Aboriginal site locations has been developed from synthesising background information and applying it to the project area. The model enabled predictions to be made about the location of Aboriginal sites within the project area and this information will guide the archaeological survey. This will be updated and/or modified prior to survey based on the outcomes of registered Aboriginal parties (RAP) feedback within the 28-day period for information contained in this letter.

Predictions for the types of Aboriginal sites likely to be identified within the project area are as follows.

- **Open stone artefact sites** (scatters and isolated finds) are the most likely site types to occur due to the prevalence of this site type in the locality and the proximity of the project area to Eulomogo Creek.
- **Areas of PAD** have the potential to occur given the proximity to Eulomogo Creek. The project area exhibits varying levels of disturbance and it is possible that less disturbed areas may retain archaeological deposits.
- **Grinding grooves** are known to occur in the local area and have the potential to occur where stone outcropping is present in proximity to Eulomogo Creek.
- **Modified trees** (scarred or carved) may occur if mature trees of a sufficient age to bear the marks of traditional Aboriginal scarring or carving are present. The project area has been subject to a high level of historical land clearing practices; however, a number of isolated mature trees remain within the project area which have the potential to display evidence of cultural modification.
- **Quarry sites** have the potential to occur within areas of geological outcropping; however, previous investigations in the local area have only identified one possible quarry site.
- **Ceremonial grounds, mythological sites, and burials** can occur anywhere in the landscape, but their identification is very rare. Generally, they would be visually identifiable by mounds of earth or stone markers arranged in a conspicuous layout. These are unlikely to occur or survive in the project area because of the high levels of ground disturbance.

## 5 Draft assessment method

### 5.1 Objectives and methods overview

The purpose of the ACHA is to identify, assess and manage the Aboriginal heritage values related to the project area, specifically those that are at risk of being impacted. Aboriginal heritage values will be identified from the following methods:

- consultation with RAPs to identify Aboriginal sites, social or cultural values of the project area and places of special significance that should be considered;
- search of the AHIMS register for records of previously registered Aboriginal sites (a completed search has not identified any previously recorded sites within the project area);
- development of a predictive model of Aboriginal site location from combining:
  - a review of past Aboriginal heritage studies, ethno-historical information related to the region and local area;
  - analysis of the environmental context (eg water, landforms, geology and soils); and
  - information from existing sites on the AHIMS register and/or knowledge held by Aboriginal parties.
- an archaeological survey by archaeologists and representatives from RAPs (refer to Section 5.4);
- archaeological test excavation (if appropriate and required – refer to Section 5.5);
- assessing the significance of Aboriginal places and/or objects identified in the course of the archaeological investigations and through Aboriginal community consultation;
- assessing the impact of the project on identified Aboriginal cultural heritage values; and
- proposing appropriate management measures for potentially impacted Aboriginal cultural heritage values in response to their assessed significance.

### 5.2 Assessment guidelines

The assessment will be undertaken in accordance with the anticipated project SEARs. This will involve undertaking best practice archaeological investigation, Aboriginal consultation, and significance assessment in accordance with the relevant Aboriginal heritage impact assessment guidelines, which include:

- *Guide to investigating, assessing and reporting on Aboriginal Cultural Heritage in NSW* (DECCW 2011);
- *Aboriginal Cultural Heritage Consultation Requirements for Proponents* (DECCW 2010); and
- *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (the Code) (DECCW 2010a).

### 5.3 Aboriginal consultation

#### 5.3.1 Overview of consultation

The roles, functions and responsibilities of all parties involved in the consultation process are outlined in Table 2. In accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents* (DECCW 2010), each private Aboriginal organisation or individual who responded with a written request to



be registered for consultation is referred to as a RAP. Government agencies who registered interest will also be consulted in parallel with RAPs.

**Table 2** Roles, functions and responsibilities

| Stakeholder                             | Roles and responsibilities   |
|---|--|
| RAPs and registered Government agencies | <p>Provide cultural perspectives, views, knowledge and advice to EMM.</p> <p>Indicate areas of cultural significance.</p> <p>Provide Aboriginal representatives for archaeological fieldwork (if desired and suitably qualified and insured).</p> <p>Have an awareness and understanding of the commercial environment and constraints in which the proponent operates.</p> <p>Demonstrate awareness and understanding of the opportunities to provide input into the ACHA and management recommendations.</p> <p>Identify, raise, and discuss cultural concerns, perspectives and assessment requirements (if any).</p> |
| EMM (on behalf of Holcim)               | <p>Undertake the ACHA, including coordinating and directing the fieldwork.</p> <p>Facilitate the Aboriginal consultation process.</p> <p>Consider the cultural perspectives, views, knowledge and advice of the RAPs in assessing cultural significance and developing management measures.</p> <p>Provide clear management measures that comply with relevant legislation, guidelines and significance.</p>   |
| All stakeholders                        | <p>Mutual respect (each person has the right to have a say and be heard).</p> <p>Communicate in a professional manner.</p>   |

### 5.3.2 Providing cultural information

Aboriginal heritage incorporates a wide range of values such as stories, traditions and cultural practices. EMM welcomes any advice from the Aboriginal community about any form of Aboriginal cultural heritage values (which might include archaeological sites or other types of values) relevant to the project area and its surrounds.

Knowledge of areas of cultural significance may include, but are not limited to:

- sites or places associated with ceremonies, spiritual/mythological beliefs and traditional knowledge, which date from pre-contact period (note that these activities do not have to have persisted until the present time);
- sites or places associated with historical associations, which date from the post-contact period and are remembered today (eg plant and animal resource use areas and known camp sites); and
- sites or places of contemporary significance, for which the significance has been acquired in recent times.

EMM is seeking cultural information about the project area from registered RAPs in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents* (DECCW 2010). If you are aware of any form of Aboriginal cultural heritage values (which might include archaeological sites or other types of values), please let us know so that we can take these values into account in the assessment.

EMM relies on the Aboriginal community for advice on non-archaeological Aboriginal values for the project area. We are happy to meet to discuss any information which you may be willing to share and will respect confidentiality where requested. Email is our preferred method of communication (see contact details at the end of this letter) but we will also accept letters and faxes, and information given in person over the coming months.

## 5.4 Archaeological survey

### 5.4.1 Survey aims

EMM proposes to conduct an archaeological field survey of the project area with the assistance of RAP representatives. Based on the outcomes of the survey and further refinement of project infrastructure, further survey may be required.

The survey area has been defined by the project area and, therefore, most of the survey will take place within the project area. There may be opportunities to inspect areas of interest outside the project area if it will help inform the assessment. **We welcome your party's advice on areas of cultural importance that should be inspected as part of the survey.**

The primary aims of the survey will be to:

- identify Aboriginal sites or potential Aboriginal places with the assistance of Aboriginal knowledge holders;
- characterise the landscape to aid predictions of surface and sub-surface archaeological potential;
- identify areas that may require further investigation if planned for development;
- identify areas that should be avoided by project construction where possible; and
- identify areas with minor or no heritage constraints that are suitable for development.

### 5.4.2 Sampling strategy

#### i Overview

The project area has been divided into classes of landform units for sampling during the survey. The extent of sampling within each class of landform unit will be proportionate to its level of archaeological sensitivity as presented in the predictive model. It should be acknowledged that the entire ground surface within the project area will not be surveyed, but a representative sample of each landform unit class will be gathered to characterise the archaeology, or its potential, of the project area.

The survey sampling strategy will be updated based on feedback from the RAPs and may incorporate areas of known or potential Aboriginal objects or places from knowledge held by RAPs.

#### ii Landform division for sampling

The project area has been divided into broad landform unit classes using the *Australian Soil and Land Survey Field Book* (National Committee on Soil and Terrain 2009), which will guide the boundaries of survey transects. The landform unit classes comprise:

- watercourses – this includes stream channels and a 50 m corridor of land adjacent to the watercourses;
- crests – this includes hill crests, spurs, and ridges;
- hill slopes – this is further divided into two categories: very gentle to gently inclined slopes (representing areas suitable for camping activities) and slopes of moderate inclination and above (representing steeper terrain not typically suitable for open camp sites; and
- flats – this includes flat terrain including undulating plains, floodplains and terraces.

### iii Sampling approach

The survey will focus on areas predicted to have high archaeological sensitivity to verify the accuracy of the predictive model and identify its implications for the development footprint. In general terms, areas to be targeted for high sensitivity will comprise:

- watercourses and level to gently inclined landforms within 200 m of streams for open camp sites;
- areas of outcropping stone identified in the predictive model to have potential stone quarries, shelters, art or stone arrangements;
- areas with potential to have mature trees for modified trees; and
- areas identified by RAPs warranting inspection (to be updated after RAP review period).

## 5.5 Test excavation

The requirement for an archaeological test excavation as part of the ACHA is yet to be determined. Test excavation programs are typically implemented after survey fieldwork in areas where potential archaeological deposits (PADs) have been identified. If test excavation is required, EMM plan to follow the Code (DECCW 2010a). Deviations from the Code may be required depending on the nature of any PADs identified and their location.

Archaeological test excavation may be necessary if sub-surface Aboriginal objects with potential conservation value have a high probability of being present in an area, and the area cannot be substantially avoided by the project (DECCW 2010a: 24). The proposed archaeological survey will aim to firstly identify areas of higher archaeological potential for avoidance, but excavation may still be required depending on the nature of proposed ground disturbance and the location of the development footprint within the project area.

EMM welcomes input from RAPs during the review period of this document and during field survey about the suitability of excavation in particular areas, acknowledging that there may be limitations around culturally sensitive areas.

EMM will provide adequate notice and seek RAP and OEH feedback prior to undertaking any test excavation program.

## 5.6 Post fieldwork

After fieldwork, a draft ACHA report will be prepared by EMM. Each RAP will be invited to submit relevant information on Aboriginal heritage values which will be addressed in the report. Each group (or individual if not part of a group) will be issued with a draft report for review and comment within a 28-day timeframe. All comments will be addressed in the final report.



## 6 Indicative timing

The following indicative timeframe is anticipated for the assessment. The timeframe is subject to change which may be influenced by changes in project design or additional requirements such as further survey or test excavation.

**Table 2** Indicative timing

| Stage   | Timing                                     |
|---|--|
| RAP response to presentation of information and methods (this letter) | Within 28 days of letter distribution      |
| Field survey  | To be determined (possibly July or August) |
| Preparation of draft report for RAP review                            | August/September 2019                      |
| RAP consultation meeting about draft ACHA (if required)               | During ACHA review period                  |
| Submission of final report to DPE                                     | October 2019 (tentative)                   |

## 7 What's next?

We look forward to receiving your responses to the proposed methodology or any cultural information or protocols you would like to provide that may influence the project. Your response will be documented and considered as part of the ACHA. Please remember to respond prior to **9 July 2019**.

EMM will be contacting RAPs shortly with an additional letter to organise fieldwork participation. Further information about the survey plan will be distributed prior to the survey.

## 8 Any questions or information?

Please feel free to contact the undersigned with any questions or queries about the project via email (provided below) or telephone on 02 4907 4800.

Yours sincerely,



**Morgan Wilcox**

Senior Archaeologist

[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

## Morgan Wilcox

---

**From:** Morgan Wilcox  
**Sent:** Friday, 28 June 2019 4:37 PM  
**To:** Suellyn Rees  
**Subject:** Dubbo Quarry Continuation Project ACHA - Invitation to participate on survey  
**Attachments:** J180313\_DubboQuarryContinuationProject\_FieldworkRequest\_V1.0.pdf

Good afternoon Suellyn,

See attached an invitation to participate in survey to be completed as part of the Aboriginal cultural heritage assessment (ACHA) for the Dubbo Quarry Continuation Project. You are invited to nominate for one paid representative to participate in the survey.

Please read the attached carefully prior to applying, as all applicants must be willing to agree with the information provided and satisfy the criteria regarding employment. Applications must be received by **12 July 2019** to ensure the fieldwork can commence within the scheduled timeframe.


I also draw your attention to the Stage 2/3 letter provided to you as per the below email. We are now half way through the review period for that document which closes **9 July 2019**. Should you have any comments or matters you would like to discuss please feel free to contact me via phone or email.

Kind regards  
Morgan

### Morgan Wilcox

Senior Archaeologist



**T** 02 4907 4800  
**M** 0400 264 916  
**D** 02 4907 4824  
 Connect with us

**NEWCASTLE | Level 1, 146 Hunter Street, Newcastle 2300**

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---

**From:** Morgan Wilcox  
**Sent:** 11 June, 2019 12:58 PM  
**To:** 'Suellyn Rees' <suellyn@dlalc.com.au>  
**Subject:** Dubbo Quarry Continuation Project: Stage 2/3 Consultation Letter

Dear Suellyn (and the Dubbo LALC),

Thank you for registering to be consulted as part of the Aboriginal cultural heritage assessment for the Dubbo Quarry Continuation Project.

See attached letter addressing Stage 2 and Stage 3 of the consultation requirements.

Please review the attached and provide any feedback or comments to me via reply email by **Tuesday 9 July 2019**.

Any questions at all please do not hesitate to contact me.

Kind regards  
Morgan

**Morgan Wilcox**

Senior Archaeologist



**T** 02 4907 4800

**M** 0400 264 916

**D** 02 4907 4824

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## Morgan Wilcox

---

**From:** Morgan Wilcox  
**Sent:** Friday, 28 June 2019 4:35 PM  
**To:** carrs.brocky@gmail.com  
**Cc:** Grace Toomey  
**Subject:** Dubbo Quarry Continuation Project ACHA - Invitation to participate on survey  
**Attachments:** J180313\_DubboQuarryContinuationProject\_FieldworkRequest\_V1.0.pdf

Good afternoon Paul, Grace,

See attached an invitation to participate in survey to be completed as part of the Aboriginal cultural heritage assessment (ACHA) for the Dubbo Quarry Continuation Project. You are invited to nominate for one paid representative to participate in the survey.

Please read the attached carefully prior to applying, as all applicants must be willing to agree with the information provided and satisfy the criteria regarding employment. Applications must be received by **12 July 2019** to ensure the fieldwork can commence within the scheduled timeframe.


I also draw your attention to the Stage 2/3 letter provided to you as per the below email. We are now half way through the review period for that document which closes **9 July 2019**. Should you have any comments or matters you would like to discuss please feel free to contact me via phone or email.

Kind regards  
Morgan

### Morgan Wilcox

Senior Archaeologist



**T** 02 4907 4800  
**M** 0400 264 916  
**D** 02 4907 4824  
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---

**From:** Morgan Wilcox  
**Sent:** 11 June, 2019 12:57 PM  
**To:** 'carrs.brocky@gmail.com' <carrs.brocky@gmail.com>  
**Cc:** 'Grace Toomey' <Grace.Toomey@dubbo.nsw.gov.au>  
**Subject:** Dubbo Quarry Continuation Project: Stage 2/3 Consultation Letter

Dear Paul, Grace,

Thank you for registering to be consulted as part of the Aboriginal cultural heritage assessment for the Dubbo Quarry Continuation Project.

See attached letter addressing Stage 2 and Stage 3 of the consultation requirements.

Please review the attached and provide any feedback or comments to me via reply email by **Tuesday 9 July 2019**.



Any questions at all please do not hesitate to contact me.

Kind regards  
Morgan

**Morgan Wilcox**

Senior Archaeologist



**T** 02 4907 4800

**M** 0400 264 916

**D** 02 4907 4824

 Connect with us

**NEWCASTLE | Level 1, 146 Hunter Street, Newcastle 2300**

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28 June 2019

**Re: Dubbo Quarry Continuation Project - Invitation to participate in fieldwork**

---

Dear Registered Aboriginal Party,

## 1 Introduction

This letter is to invite you to apply to participate in survey fieldwork as part of the Aboriginal cultural heritage assessment (ACHA) for the Dubbo Quarry Continuation Project. It provides details of the fieldwork participation. You must agree to the contractual arrangement to be eligible.

The survey is anticipated to run from **Tuesday 16 July to Thursday 18 July 2019** (inclusive).

**Your party is invited to apply for one paid representative to participate in the field survey.** Applicants must be willing to agree with the information provided below and satisfy the criteria regarding employment.

If applicants are sole traders or individuals, we will only accept applications from the sole trader or individual nominated as part of the registration.

If applicants are an organisation, please nominate one person who will be part of the field survey.

The aim of fieldwork participation is to assist in the archaeological investigation.

As specified by the NSW Office of Environment and Heritage (OEH) guidelines, involvement in fieldwork is separate from the Aboriginal community consultation process. We will continue to consult with all registered parties regardless of the outcomes of the fieldwork application process.

## 2 Scope of work

The field survey aims are to understand the landforms within the project area, identify Aboriginal heritage values (including Aboriginal sites and areas of potential archaeological deposit), to inform the ACHA component of the environmental impact statement (EIS), including preparation of recommendations to manage potential impacts to Aboriginal sites and areas of archaeological potential.

The scope of work for field survey participation by registered Aboriginal parties (RAPs) is limited to involvement in field survey. No reports are requested as part of this arrangement. Reports submitted voluntarily are welcome but are not part of this contractual arrangement.

Separate to the scope of work for field surveys, all RAPs will be issued with a draft ACHA report for review and comment.

### 3 Fieldwork dates

The field survey is proposed to be completed over three days from **Tuesday 16 July to Thursday 18 July 2019** (inclusive). Fieldwork days will be from **8:00 am to 4:30 pm**.

The meeting point for the field survey will be provided prior to the fieldwork. Survey participants will need to be inducted and sign onto a Safe Work Method Statement prior to fieldwork.

**Applications must be received by Friday 12 July 2019** to ensure the field survey can commence within the scheduled timeframe.

### 4 Roles and responsibilities

The roles and responsibilities of EMM archaeologists, RAPs and Holcim representatives (where required) during field surveys are outlined in Table 1. Specific work, health and safety responsibilities are included in the Safe Work Method Statement, which must also be signed prior to field surveys.

**Table 1 Field survey roles and responsibilities**

| Team members                            | Roles and responsibilities  |
|---|---|
| EMM archaeologists                      | <ul style="list-style-type: none"><li>• direct the field surveys;</li><li>• record Aboriginal sites and environmental data;</li><li>• oversee safety (refer to Safe Work Method Statement);</li><li>• consider and respect cultural perspectives, views, knowledge and advice and record data and/or direct field surveys based on these outcomes; and</li><li>• apply professional code of conduct at all times.</li></ul>   |
| RAPs                                    | <ul style="list-style-type: none"><li>• actively participate in field surveys, including assisting with Aboriginal site identification and recording where requested;</li><li>• provide cultural perspectives, views, knowledge and advice to EMM archaeologists;</li><li>• indicate areas of cultural significance (if known), including:<ul style="list-style-type: none"><li>- sites or places associated with ceremonies, spiritual/mythological beliefs and traditional knowledge, which date from pre-contact period and which may have persisted until the present time;</li><li>- sites or places with historical associations, which date from the post-contact period and are remembered today (eg plant and animal resource use areas and known camp sites); and</li><li>- sites or places of contemporary significance (apart from those areas for which Aboriginal objects remain), for which the significance has been acquired in recent times;</li></ul></li><li>• be fit for work and have suitable experience to assist on the archaeological survey;</li><li>• adhere to all safety protocols provided in the Safe Work Method Statement; and</li><li>• apply professional code of conduct at all times.</li></ul> |
| Holcim representatives (where required) | <ul style="list-style-type: none"><li>• provide general project oversight and in particular, coordinate site access with landowners;</li><li>• where possible, assist by answering questions regarding the project;</li><li>• adhere to all safety protocols provided in the Safe Work Method Statement; and</li><li>• apply professional code of conduct at all times.</li></ul>   |

### 5 Code of conduct

Professional code of conduct is expected at all times from all participants. Harassment or other inappropriate behaviour is not acceptable. Professional code of conduct should be based upon principles of mutual respect (each member of the survey team has the right to have a say and be heard) and acknowledgement for the

knowledge, skills and experience of the other members of the survey team and their contributions to the program.

Any person who behaves in a manner that is abusive, threatening or humiliating towards other members of the survey team or other parties (eg landholders) will be asked to leave immediately and will not receive any payment for work on that day.

Common courtesy towards all project members and, in particular, to landowners providing site access is expected.

## 6 Contractual arrangement

Aboriginal stakeholders who agree to these terms will be contracted to EMM Consulting Pty Ltd.

### 6.1 Payment

The terms of payment for successful applicants are as follows:

- one nominated person from each successful RAP will attend on the rostered days;
- \$600 (excluding GST) per person per day for those nominated RAP members who are able to demonstrate more than five years' experience; and
- \$300 (excluding GST) per person per day for those nominated RAP members who have less than five years' experience.

The nominated daily rate for field surveys excludes GST. If your organisation is registered for GST please list this on the invoice. If you are not registered for GST please do not include.

### 6.2 Invoicing

Your invoices must be formal tax invoices and include:

- the registered business name, address and ABN;
- details of the persons and dates involved; and
- electronic banking details.

One invoice should be issued for all of an organisation's involvement. Invoices must be made out to **EMM Consulting Pty Ltd (ABN 28 141 736 558)**.

Payment will be made following receipt of a tax invoice from your party. Payment will not be made separately to individual organisation members. Invoices are processed on a monthly cycle, so invoices received by 30 July are anticipated to be paid in August. Invoices received after this date will be processed in the next monthly billing cycle.

Send all invoices to the details below or [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au) within four weeks of completion of the survey:

Dubbo Quarry Continuation Project  
c/o Morgan Wilcox  
PO Box 506  
Newcastle NSW 2300



## 7 Application process

If your organisation agrees to the above scope of work, roles and responsibilities, code of conduct and contractual arrangement you are invited to apply to participate in fieldwork. You will need to complete the archaeological field survey employment agreement attached to the end of this letter and provide the following information with your application to be considered as part of the fieldwork team.

One representative from each successful group will be present on the rostered survey days.

### 7.1 Fitness to work

Persons involved in field surveys must be fit to perform strenuous physical activity in areas of rugged terrain. It is expected that over 10 km will be walked each day. Persons with medical conditions that hamper physical activity should not participate for safety reasons. Surveys are designed in loops or other configurations which will not involve returning to vehicles for breaks. All food and water must be carried. Survey participants must not be under the influence of drugs or alcohol.

Field representatives should also be able to show evidence of their previous experience in archaeological field surveys. As a minimum requirement, field representatives must be able to identify a range of Aboriginal object and site types. This includes, but is not limited to:

- stone artefacts (and the ability to distinguish these from naturally occurring rocks);
- ceremonial areas;
- grinding stones and grinding grooves;
- rock shelters (including rock art); and
- scarred or carved trees.

Knowledge regarding areas of potential archaeological deposits is also welcome.

### 7.2 Insurance

All participants must have a registered business name, ABN and address. These details must be unique to the organisation.

Appropriate insurance coverage (workers compensation, public liability insurance) must be provided by all applicants. If your organisation does not require these insurances please provide a written statement from WorkCover or your insurance provider acknowledging your insurance status and the reasons why this occurs.

**Applications will not be considered without attached copies of workers compensation and public liability insurance, or evidence that workers compensation is not required.**

### 7.3 Safety

Each person who participates in the field survey will be required to read and sign on to EMM's Safe Work Method Statement prior to commencing the field survey.

Each day, each participant will be required to bring:

- hat with sun brim, sun block, safety glasses (or sunglasses that provide equivalent protection) and suitable clothing and footwear (ie high visibility shirt or vest, long sleeved shirt, long pants, wet weather gear, work gloves and steel-capped lace-up boots; no sneakers or running shoes);

- food and water sufficient for the day (at least 2 litres of water);
- pens, notebooks etc as required to satisfy your group's recording requirements; and
- a bag to carry your food, water and equipment.

The survey will cease if extreme weather (eg electrical storms or extreme wind, heat or cold) or other unsafe conditions (eg bushfires) occur. However, the survey will continue through light rain, and it is the responsibility of each survey member to bring adequate clothing in case of poor weather.

Should participants not have appropriate clothing they may not be able to participate in the survey.

## 8 Checklist

Does your application contain the following information?

- evidence of the nominated representative's previous experience in archaeological field surveys;
- evidence of workers compensation and public liability insurance where applicable or a statement declaring they are not required; and
- the completed archaeological field survey employment agreement attached to the end of this letter.

## 9 Close

**Applications must be received by Friday 12 July 2019** to ensure the field survey can commence within the scheduled timeframe.

Please do not hesitate to contact me if you have any questions or comments. I can be contacted on 02 4907 4824 or via email [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au).

We look forward to working with you on this project.

Yours sincerely



**Morgan Wilcox**  
Senior Archaeologist  
[mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au)

**Dubbo Quarry Continuation Project – Archaeological Field Survey Employment Agreement**

I have reviewed and agree to the terms and conditions provided in this letter relating to employment services and criteria, safety, fitness for work, payment, code of conduct and insurance.

**Name:**

**Organisation:**

**Signature:**

**Date:**

---

---

## Morgan Wilcox

---

**From:** Suellyn Rees <suellyn@dlalc.com.au>  
**Sent:** Tuesday, 23 July 2019 11:50 AM  
**To:** Morgan Wilcox  
**Subject:** FW: Send data from MFP11722036 23/07/2019 11:05  
**Attachments:** DOC230719-23072019110538.pdf

Hi Morgan,  
Please find report attached per Ray Smith's instructions.

Kind regards  
Suellyn Rees  
CEO  
Mobile: 0427 121 912

Dubbo Local Aboriginal Lands Council | Cnr Darling & Wingewarra Sts | POBox1565 | Dubbo, NSW 2830 | Ph 02 6884 5276

"Dubbo LALC would like to acknowledge the traditional custodians of this land and pay respects to the Elders both past and present"

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

**From:** Toshiba Tag 160432 DLALC <mfpdlac@optusnet.com.au>  
**Sent:** Tuesday, 23 July 2019 9:06 AM  
**To:** Suellyn Rees <suellyn@dlalc.com.au>  
**Subject:** Send data from MFP11722036 23/07/2019 11:05

Scanned from MFP11722036  
Date:23/07/2019 11:05  
Pages:2  
Resolution:200x200 DPI  
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## Dubbo Local Aboriginal Land Council

ABN 16 308 384 841

PO Box 1565  
Dubbo NSW 2830

Phone: 02 6884 5276  
Email: [suellyn@dlalc.com.au](mailto:suellyn@dlalc.com.au)

### ABORIGINAL CULTURAL FIELD SURVEY REPORT

**Date of Survey:** Tuesday 16 July through to Thursday 18 July, 2019

**Site Assessor:** Raymond Smith, Traditional Owner  
David Smith, Traditional Owner (18 July 2019 only)

**Site:** Dubbo Quarry Continuation Project

**Title Particulars:** Lot 222 DP 1247780  
Lot 100 DP 628628  
Dubbo Regional Council Local Government area

**Report Prepared for:** EMM Consulting Pty Limited  
Level 1, 146 Hunter Street  
Newcastle NSW 2300  
Contact: Morgan Wilcox, Senior Archaeologist

**Outcome:**

This field survey was requested as part of the Aboriginal Cultural Heritage Assessment for the extension of the Dubbo Quarry located on Sheraton Road, Dubbo.

The Site area physically surveyed for this report is all of the area within the Lots specified above requested by EMM Consulting Pty Limited. The report has been prepared to assist EMM to meet the statutory requirements under Part 4 of the EP&A Act.

There were several areas across Lot 100 DP 628628 (Lot 100) where Artifacts were found. These were found close to the Eulomogo Creek at the northern end of the block on the north-western corner and the north-eastern corner.

There were rocks piled around trees toward the southern end of Lot 100 and EMM Consulting staff have agreed that when these rocks are removed, the Dubbo Local Aboriginal Land Council will be notified so that it may be determined whether the trees are scarred or there is anything else of significance there.

There was one area on the Western Extension Area of the existing Quarry on Lot 222 DP 1247780 where there were also Artifacts found.

All of the Artifacts and areas of significance found were recorded (photos were taken) by the EMM Consulting Senior Archaeologist, Morgan Wilcox.

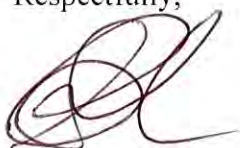
One of the project features is the 'relocation of the quarry access road along the northern boundary of Lot 100'. This description is ambiguous, however, it is assumed that the road is intended to be relocated to the northern boundary of Lot 100 adjacent to, and following the path of the creek.

We acknowledge that due to historical land clearing for pastoral purposes, the loss of archaeological integrity in this area is difficult to determine but is also inferred due to the Artifacts found. It is important to preserve what has not yet been completely diminished.

As some of the Artifacts were found in this vicinity, could we please ask for a more specific description of this project feature or some assurance that the road will be relocated well clear of those Artifacts found.

I look forward to receiving your draft report.

Respectfully,



Suellyn Rees

Chief Executive Officer

The Dubbo Local Aboriginal Land Council acknowledge Traditional Owners of the area on which this assessment took place and pay respect to their beliefs, cultural heritage and continuing connection with the land. We also acknowledge and pay respect to the post-contact experiences of Aboriginal people with attachment to the area and to the elders, past and present, as the next generation of role models and vessels for memories, traditions, culture and hopes of local Aboriginal people.

## Morgan Wilcox

---

**From:** Morgan Wilcox  
**Sent:** Wednesday, 18 December 2019 3:38 PM  
**To:** carrs.brocky@gmail.com; Suellyn Rees  
**Cc:** Grace Toomey  
**Subject:** Dubbo Quarry Continuation Project - Project Update

Dear Suellyn (Dubbo LALC) and Paul (Dubbo Aboriginal Community Working Party),

Thank you for your patience and involvement as an Aboriginal stakeholder for the Dubbo Quarry Continuation Project.

To provide you with a project update, the scoping report is being finalised to be lodged with the Department of Planning, Industry and Environment (DPIE; formerly OEH) this week. As such we anticipate that the Secretary's Environmental Assessment Requirements (SEARs) for the project will be issued late February. Following that the draft Aboriginal Cultural Heritage Assessment (ACHA) can be completed and circulated to you for review and comment.

As always, in the meantime if you have any questions or additional information you would like incorporated into the assessment please do not hesitate to contact me.

I wish you all a safe and happy Christmas and New Year. I look forward to continuing to work alongside you in 2020.

Kind regards  
Morgan

### Morgan Wilcox

Senior Archaeologist



**D** 02 4907 4821

**M** 0400 264 916

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**NEWCASTLE | Level 3, 175 Scott Street, Newcastle NSW 2300**

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## Morgan Wilcox

---

**From:** Morgan Wilcox  
**Sent:** Thursday, 16 July 2020 4:12 PM  
**To:** carrs.brocky@gmail.com; Suellyn Rees  
**Cc:** Grace Toomey  
**Subject:** Dubbo Quarry Continuation Project - Project Update

Dear Suellyn (Dubbo LALC) and Paul (Dubbo Aboriginal Community Working Party),

Again, thank you for your patience. SEARs for the Dubbo Quarry Continuation Project were issued on the 3 April 2020 and Holcim is in the process of finalising the proposed project design. In the near future you will receive the draft ACHA for your review and comment.

Until then, if you have any questions please do not hesitate to contact me.

Kind regards  
Morgan

### Morgan Wilcox

Senior Archaeologist

Bushfire, Ecology, Heritage and Spatial Solutions (BEHSS) Division

**T** 02 4907 4821

**M** 0400 264 916

[www.emmconsulting.com.au](http://www.emmconsulting.com.au)

---

**From:** Morgan Wilcox  
**Sent:** Wednesday, 18 December 2019 3:38 PM  
**To:** carrs.brocky@gmail.com; Suellyn Rees <suellyn@dlalc.com.au>  
**Cc:** Grace Toomey <Grace.Toomey@dubbo.nsw.gov.au>  
**Subject:** Dubbo Quarry Continuation Project - Project Update

Dear Suellyn (Dubbo LALC) and Paul (Dubbo Aboriginal Community Working Party),

Thank you for your patience and involvement as an Aboriginal stakeholder for the Dubbo Quarry Continuation Project.

To provide you with a project update, the scoping report is being finalised to be lodged with the Department of Planning, Industry and Environment (DPIE; formerly OEH) this week. As such we anticipate that the Secretary's Environmental Assessment Requirements (SEARs) for the project will be issued late February. Following that the draft Aboriginal Cultural Heritage Assessment (ACHA) can be completed and circulated to you for review and comment.

As always, in the meantime if you have any questions or additional information you would like incorporated into the assessment please do not hesitate to contact me.

I wish you all a safe and happy Christmas and New Year. I look forward to continuing to work alongside you in 2020.

Kind regards  
Morgan



## Ryan Desic

---

**From:** Ryan Desic  
**Sent:** Tuesday, 4 August 2020 6:03 PM  
**To:** carrs.brocky@gmail.com; suellyn@dlalc.com.au; Grace.Toomey@dubbo.nsw.gov.au  
**Cc:** Morgan Wilcox; Rachael Thelwell  
**Subject:** Dubbo Quarry Continuation Project: Provision of Draft Aboriginal Cultural Heritage Assessment (ACHA) for RAP review.  
**Attachments:** J180313\_RP15\_v1.pdf

Dear Registered Party,

### **Introduction**

Thank you for your continued participation in the Aboriginal cultural heritage assessment (ACHA) for the Dubbo Quarry Continuation Project. We appreciate your involvement and knowledge sharing. We are now up to the next stage of consultation for the project which is providing the draft ACHA to registered Aboriginal parties (RAPs) for their review and comments.

The ACHA is attached to this email for you to download and review.

### **Notes for your review and comment on the draft ACHA**

If you have specific comments for the draft ACHA document, please identify the section heading and page number so that we know specifically which part of the document to address. Our preference is for you to provide your comments in writing via email or letter. You will note that there are **highlighted** sections of the document that will be updated based on further consultation and amended for the final report. Notably, the consultation log and consultation material will be collated and attached in the final document.

### **When to respond by**

If you wish to comment on the draft ACHA, please provide your consolidated comments within 28 days (**ie by September 2 2020**). If you are having trouble responding within this timeframe please let us know early so that we can consider alternative options.

### **Closing**

Please do not hesitate to contact me on my details below for any matters regarding the project or if you have any difficulties in downloading or reading the documents. However, the primary contact for consultation matters remains as Morgan Wilcox [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au).

Regards,

### **Ryan Desic**

Associate Archaeologist – Heritage Team Leader  
Bushfire, Ecology, Heritage and Spatial Solutions (BEHSS)



**T** 02 9493 9500  
**M** 0411 329 712  
**D** 02 9493 9541  
**in** Connect with us

## Morgan Wilcox

---

**From:** Morgan Wilcox  
**Sent:** Monday, 7 September 2020 7:42 PM  
**To:** Ryan Desic; carrs.brocky@gmail.com; suellyn@dlalc.com.au; Grace.Toomey@dubbo.nsw.gov.au  
**Cc:** Rachael Thelwell  
**Subject:** RE: Dubbo Quarry Continuation Project: Provision of Draft Aboriginal Cultural Heritage Assessment (ACHA) for RAP review.  
**Attachments:** J180313\_RP15\_v1.pdf

Good evening Suellyn, Paul,

I hope this email find you both safe and well.

We have not yet received a response to the attached draft ACHA from Dubbo LALC or the Dubbo Aboriginal Community Working Party. If you would like discuss the draft document please feel free to give me a call, alternatively if you are satisfied with the draft report and have no further comment if you could please respond as such that would be much appreciated.

I look forward to hearing from you.

Kind regards  
Morgan

### Morgan Wilcox

Senior Archaeologist

Bushfire, Ecology, Heritage and Spatial Solutions (BEHSS) Division

T 02 4907 4821

M 0400 264 916

[www.emmconsulting.com.au](http://www.emmconsulting.com.au)

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**From:** Ryan Desic <rdesic@emmconsulting.com.au>  
**Sent:** Tuesday, 4 August 2020 6:03 PM  
**To:** carrs.brocky@gmail.com; suellyn@dlalc.com.au; Grace.Toomey@dubbo.nsw.gov.au  
**Cc:** Morgan Wilcox <mwilcox@emmconsulting.com.au>; Rachael Thelwell <rthelwell@emmconsulting.com.au>  
**Subject:** Dubbo Quarry Continuation Project: Provision of Draft Aboriginal Cultural Heritage Assessment (ACHA) for RAP review.

Dear Registered Party,

### Introduction

Thank you for your continued participation in the Aboriginal cultural heritage assessment (ACHA) for the Dubbo Quarry Continuation Project. We appreciate your involvement and knowledge sharing. We are now up to the next stage of consultation for the project which is providing the draft ACHA to registered Aboriginal parties (RAPs) for their review and comments.

The ACHA is attached to this email for you to download and review.

### Notes for your review and comment on the draft ACHA

If you have specific comments for the draft ACHA document, please identify the section heading and page number so that we know specifically which part of the document to address. Our preference is for you to provide your comments in writing via email or letter. You will note that there are highlighted sections of the document that will be updated based on further consultation and amended for the final report. Notably, the consultation log and consultation material will be collated and attached in the final document.

**When to respond by**

If you wish to comment on the draft ACHA, please provide your consolidated comments within 28 days (**ie by September 2 2020**). If you are having trouble responding within this timeframe please let us know early so that we can consider alternative options.

**Closing**


Please do not hesitate to contact me on my details below for any matters regarding the project or if you have any difficulties in downloading or reading the documents. However, the primary contact for consultation matters remains as Morgan Wilcox [mwilcox@emmconsulting.com.au](mailto:mwilcox@emmconsulting.com.au).

Regards,

**Ryan Desic**

Associate Archaeologist – Heritage Team Leader  
Bushfire, Ecology, Heritage and Spatial Solutions (BEHSS)



- T** 02 9493 9500
- M** 0411 329 712
- D** 02 9493 9541
-  Connect with us

**SYDNEY | Ground floor, 20 Chandos Street, St Leonards 2065**



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Appendix B

## AHIMS data

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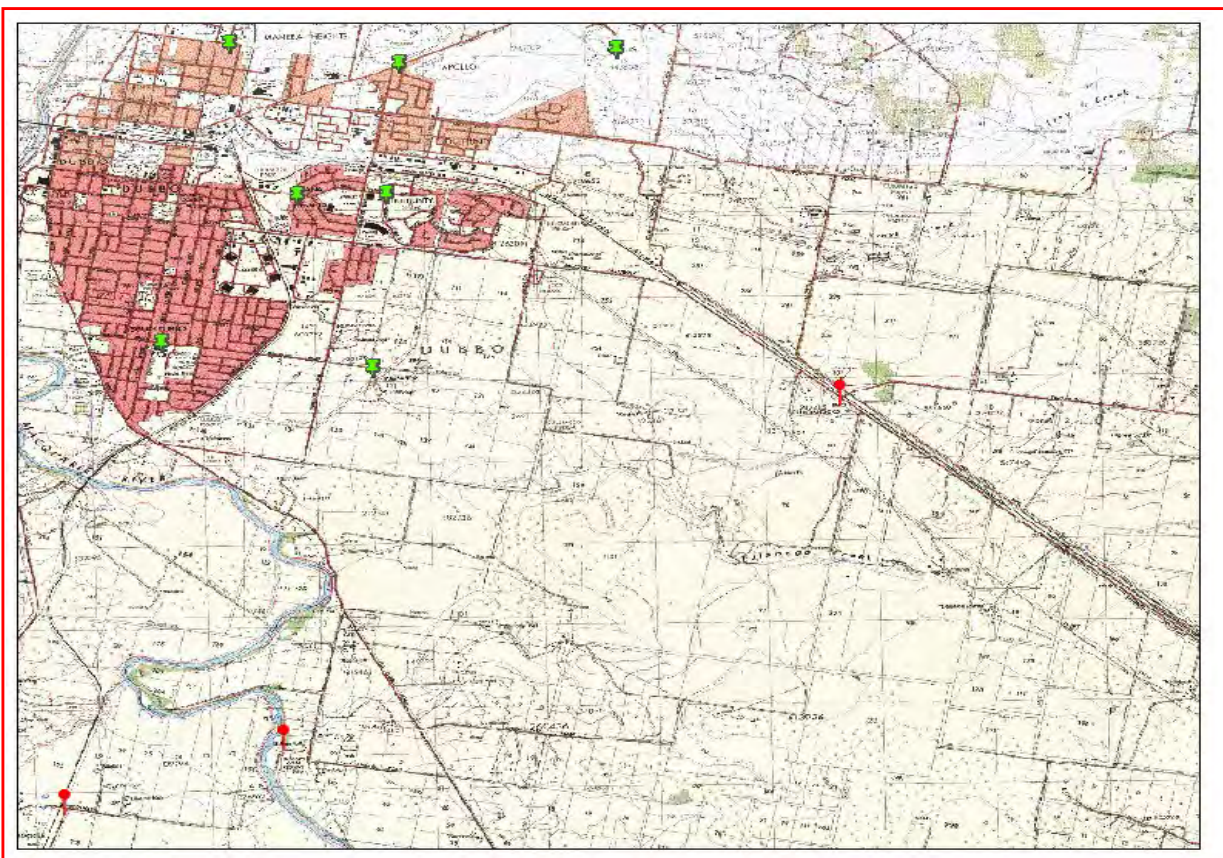
EMM Consulting Pty Ltd  
Level 1, 146 Hunter Street  
Newcastle New South Wales 2300  
Attention: Heritage Emm  
Email: heritage@emmconsulting.com.au

Date: 25 February 2019

Dear Sir or Madam:

**AHIMS Web Service search for the following area at Datum :GDA, Zone : 55, Eastings : 650700 - 660700, Northings : 6422500 - 6432500 with a Buffer of 0 meters, conducted by Heritage Emm on 25 February 2019.**

The context area of your search is shown in the map below. Please note that the map does not accurately display the exact boundaries of the search as defined in the paragraph above. The map is to be used for general reference purposes only.



A search of the Office of the Environment and Heritage AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

|           |   |
|-----------|---|
| <b>77</b> | <b>Aboriginal sites are recorded in or near the above location.</b>         |
| <b>0</b>  | <b>Aboriginal places have been declared in or near the above location.*</b> |

### **If your search shows Aboriginal sites or places what should you do?**

- You must do an extensive search if AHIMS has shown that there are Aboriginal sites or places recorded in the search area.
- If you are checking AHIMS as a part of your due diligence, refer to the next steps of the Due Diligence Code of practice.
- You can get further information about Aboriginal places by looking at the gazettal notice that declared it. Aboriginal places gazetted after 2001 are available on the [NSW Government Gazette \(http://www.nsw.gov.au/gazette\)](http://www.nsw.gov.au/gazette) website. Gazettal notices published prior to 2001 can be obtained from Office of Environment and Heritage's Aboriginal Heritage Information Unit upon request

### **Important information about your AHIMS search**

- The information derived from the AHIMS search is only to be used for the purpose for which it was requested. It is not to be made available to the public.
- AHIMS records information about Aboriginal sites that have been provided to Office of Environment and Heritage and Aboriginal places that have been declared by the Minister;
- Information recorded on AHIMS may vary in its accuracy and may not be up to date. Location details are recorded as grid references and it is important to note that there may be errors or omissions in these recordings,
- Some parts of New South Wales have not been investigated in detail and there may be fewer records of Aboriginal sites in those areas. These areas may contain Aboriginal sites which are not recorded on AHIMS.
- Aboriginal objects are protected under the National Parks and Wildlife Act 1974 even if they are not recorded as a site on AHIMS.
- This search can form part of your due diligence and remains valid for 12 months.

| SiteID    | SiteName                          | Datum            | Zone | Easting | Northing  | Context   | Site Status | SiteFeatures                           | SiteTypes              | Reports |
|-----------|-----------------------------------|------------------|------|---------|---|-----------|-------------|--|------------------------|---------|
| 36-1-0246 | EC-OS-1;Eulomogo Creek;           | AGD              | 55   | 654950  | 6426800   | Open site | Valid       | Artefact : -                           | Open Camp Site         | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd                       |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0247 | EC-OS-2;Eulomogo Creek;           | AGD              | 55   | 655210  | 6426690   | Open site | Valid       | Artefact : -                           | Open Camp Site         | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd                       |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0248 | Eulomogo Creek (EC-OS-3)          | GDA              | 55   | 656544  | 6427593   | Open site | Valid       | Artefact : -                           | Open Camp Site         | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd,OzArk Environmental a |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0249 | EC-OS-4;Keswick South (Eulomogo); | AGD              | 55   | 656100  | 6428000   | Open site | Valid       | Artefact : -                           | Open Camp Site         | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd                       |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0250 | EC-OS-5; Keswick South (Eulomogo) | GDA              | 55   | 656662  | 6427183   | Open site | Valid       | Artefact : -                           | Open Camp Site         | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd,OzArk Environmental a |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0251 | EC-OS-6; Keswick South (Eulomogo) | GDA              | 55   | 656726  | 6426485   | Open site | Valid       | Artefact : -                           | Open Camp Site         | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd,OzArk Environmental a |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0252 | EC-ST-1; Keswick South (Eulomogo) | GDA              | 55   | 656559  | 6427271   | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree           | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd,OzArk Environmental a |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0253 | EC-AG-2;Eulomogo Creek;           | AGD              | 55   | 655150  | 6426670   | Open site | Valid       | Grinding Groove : -                    | Axe Grinding<br>Groove | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd                       |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0254 | EC-AG-1;Eulomogo Creek;           | AGD              | 55   | 655380  | 6426870   | Open site | Valid       | Grinding Groove : -                    | Axe Grinding<br>Groove | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd                       |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0403 | Cobra Street ST                   | AGD              | 55   | 651422  | 6430087   | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                        |         |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Miss.Rebecca Ogden-Brunell  |           |             | <b>Permits</b>                         | 1701                   |         |
| 36-1-0351 | WR-TT-01                          | AGD              | 55   | 660050  | 6425950   | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                        |         |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Guarra Aboriginal Site Surveys  |           |             | <b>Permits</b>                         |                        |         |
| 36-1-0409 | SP-OS-08                          | AGD              | 55   | 650680  | 6431960   | Open site | Valid       | Artefact : -                           |                        |         |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | L Nolan   |           |             | <b>Permits</b>                         |                        |         |
| 36-1-0410 | SP-OS-07                          | AGD              | 55   | 650670  | 6431960   | Open site | Valid       | Artefact : -                           |                        |         |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | L Nolan   |           |             | <b>Permits</b>                         |                        |         |
| 36-1-0550 | DLGA-ST-07                        | GDA              | 55   | 650722  | 6431972   | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                        | 102502  |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | OzArk Environmental and Heritage Management                                     |           |             | <b>Permits</b>                         |                        |         |

Report generated by AHIMS Web Service on 25/02/2019 for Heritage Emm for the following area at Datum :GDA, Zone : 55, Eastings : 650700 - 660700, Northings : 6422500 - 6432500 with a Buffer of 0 meters. Additional Info : Baseline archaeological assessment. Number of Aboriginal sites and Aboriginal objects found is 77

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| SiteID    | SiteName         | Datum                                       | Zone | Easting | Northing | Context   | Site Status | SiteFeatures                           | SiteTypes      | Reports        |
|-----------|------------------|---|------|---------|----------|-----------|-------------|--|----------------|----------------|
| 36-1-0551 | DLGA-ST-06       | GDA   | 55   | 650933  | 6432435  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                |                |
|           | <b>Contact</b>   | Searle                                      |      |         |          |           |             |  |                |                |
|           | <b>Recorders</b> | OzArk Environmental and Heritage Management |      |         |          |           |             |  |                | <b>Permits</b> |
| 36-1-0557 | DLGA-ST-02       | AGD   | 55   | 651652  | 6427032  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                |                |
|           | <b>Contact</b>   | Searle                                      |      |         |          |           |             |  |                |                |
|           | <b>Recorders</b> | OzArk Environmental and Heritage Management |      |         |          |           |             |  |                | <b>Permits</b> |
| 36-1-0558 | DLGA-ST-01       | AGD   | 55   | 651300  | 6426770  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                |                |
|           | <b>Contact</b>   | Searle                                      |      |         |          |           |             |  |                |                |
|           | <b>Recorders</b> | OzArk Environmental and Heritage Management |      |         |          |           |             |  |                | <b>Permits</b> |
| 36-1-0559 | DLGA-OS-03       | AGD   | 55   | 651324  | 6427339  | Open site | Valid       | Artefact : 5                           |                |                |
|           | <b>Contact</b>   | Searle                                      |      |         |          |           |             |  |                |                |
|           | <b>Recorders</b> | OzArk Environmental and Heritage Management |      |         |          |           |             |  |                | <b>Permits</b> |
| 36-1-0560 | DLGA-OS-02       | AGD   | 55   | 651407  | 6427264  | Open site | Valid       | Artefact : 2                           |                |                |
|           | <b>Contact</b>   | Searle                                      |      |         |          |           |             |  |                |                |
|           | <b>Recorders</b> | OzArk Environmental and Heritage Management |      |         |          |           |             |  |                | <b>Permits</b> |
| 36-1-0561 | DLGA-OS-01       | AGD   | 55   | 651688  | 6427148  | Open site | Valid       | Artefact : 18                          |                |                |
|           | <b>Contact</b>   | Searle                                      |      |         |          |           |             |  |                |                |
|           | <b>Recorders</b> | OzArk Environmental and Heritage Management |      |         |          |           |             |  |                | <b>Permits</b> |
| 36-1-0562 | DLGA-IF-02       | AGD   | 55   | 651224  | 6427616  | Open site | Valid       | Artefact : -                           |                |                |
|           | <b>Contact</b>   | Searle                                      |      |         |          |           |             |  |                |                |
|           | <b>Recorders</b> | OzArk Environmental and Heritage Management |      |         |          |           |             |  |                | <b>Permits</b> |
| 36-1-0563 | DLGA-IF-01       | AGD   | 55   | 651353  | 6427429  | Open site | Valid       | Artefact : -                           |                |                |
|           | <b>Contact</b>   | Searle                                      |      |         |          |           |             |  |                |                |
|           | <b>Recorders</b> | OzArk Environmental and Heritage Management |      |         |          |           |             |  |                | <b>Permits</b> |
| 36-1-0616 | TA-ST-01         | AGD   | 55   | 651770  | 6424670  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                |                |
|           | <b>Contact</b>   |   |      |         |          |           |             |  |                |                |
|           | <b>Recorders</b> | Lloyd Nolan                                 |      |         |          |           |             |  |                | <b>Permits</b> |
| 36-1-0324 | TG-ST-01         | AGD   | 55   | 655780  | 6431770  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   |                |
|           | <b>Contact</b>   |   |      |         |          |           |             |  |                |                |
|           | <b>Recorders</b> | Lloyd Nolan                                 |      |         |          |           |             |  |                | <b>Permits</b> |
| 36-1-0319 | TG-9-01          | AGD   | 55   | 655710  | 6431840  | Open site | Valid       | Stone Quarry : -,<br>Artefact : -      | Quarry         |                |
|           | <b>Contact</b>   |   |      |         |          |           |             |  |                |                |
|           | <b>Recorders</b> | Lloyd Nolan                                 |      |         |          |           |             |  |                | <b>Permits</b> |
| 36-1-0320 | TG-05-04         | AGD   | 55   | 655690  | 6432220  | Open site | Valid       | Artefact : -                           | Open Camp Site |                |
|           | <b>Contact</b>   |   |      |         |          |           |             |  |                |                |
|           | <b>Recorders</b> | Lloyd Nolan                                 |      |         |          |           |             |  |                | <b>Permits</b> |
| 36-1-0321 | TG-05-03         | AGD   | 55   | 655750  | 6432030  | Open site | Valid       | Artefact : -                           | Open Camp Site |                |
|           | <b>Contact</b>   |   |      |         |          |           |             |  |                |                |
|           | <b>Recorders</b> | Lloyd Nolan                                 |      |         |          |           |             |  |                | <b>Permits</b> |
| 36-1-0322 | TG-05-02         | AGD   | 55   | 655800  | 6431580  | Open site | Valid       | Artefact : -                           | Open Camp Site |                |

Report generated by AHIMS Web Service on 25/02/2019 for Heritage Emm for the following area at Datum :GDA, Zone : 55, Eastings : 650700 - 660700, Northings : 6422500 - 6432500 with a Buffer of 0 meters. Additional Info : Baseline archaeological assessment. Number of Aboriginal sites and Aboriginal objects found is 77

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| SiteID    | SiteName                        | Datum            | Zone  | Easting | Northing | Context   | Site Status | SiteFeatures                           | SiteTypes      | Reports     |
|-----------|---------------------------------|------------------|---|---------|----------|-----------|-------------|--|----------------|-------------|
|           | <u>Contact</u>                  | <u>Recorders</u> | Lloyd Nolan   |         |          |           |             | <u>Permits</u>                         | 1432           |             |
| 36-1-0323 | TG-05-01                        | AGD              | 55  | 655710  | 6431840  | Open site | Valid       | Artefact : -                           | Open Camp Site |             |
|           | <u>Contact</u>                  | <u>Recorders</u> | Lloyd Nolan   |         |          |           |             | <u>Permits</u>                         | 1432           |             |
| 36-1-0040 | Dubbo;Cootha;                   | AGD              | 55  | 650955  | 6427521  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   |             |
|           | <u>Contact</u>                  | <u>Recorders</u> | Michael Pearson   |         |          |           |             | <u>Permits</u>                         |                |             |
| 36-1-0154 | Old Dubbo Rd                    | AGD              | 55  | 653120  | 6425750  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   |             |
|           | <u>Contact</u>                  | <u>Recorders</u> | Katrina Geering   |         |          |           |             | <u>Permits</u>                         |                |             |
| 36-1-0212 | Mugga Hill 1;                   | AGD              | 55  | 657970  | 6431780  | Open site | Valid       | Artefact : -                           | Isolated Find  | 3161        |
|           | <u>Contact</u>                  | <u>Recorders</u> | Mr.Matthew Barber   |         |          |           |             | <u>Permits</u>                         |                |             |
| 36-1-0213 | K-ST-6                          | AGD              | 55  | 653640  | 6428240  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   | 3350        |
|           | <u>Contact</u>                  | <u>Recorders</u> | Jim Kelton  |         |          |           |             | <u>Permits</u>                         |                |             |
| 36-1-0179 | Keswick-Scarred Tree-5 (K-ST-5) | GDA              | 55  | 653794  | 6429259  | Open site | Destroyed   | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   | 3350        |
|           | <u>Contact</u>                  | <u>Recorders</u> | Central West Archaeological and Heritage Services Pty Ltd,OzArk Environmental a |         |          |           |             | <u>Permits</u>                         | 3873           |             |
| 36-1-0180 | K-ST-4                          | AGD              | 55  | 654590  | 6428590  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   | 3350        |
|           | <u>Contact</u>                  | <u>Recorders</u> | Central West Archaeological and Heritage Services Pty Ltd                       |         |          |           |             | <u>Permits</u>                         |                |             |
| 36-1-0181 | K-ST-3                          | AGD              | 55  | 654510  | 6428580  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   | 3350        |
|           | <u>Contact</u>                  | <u>Recorders</u> | Central West Archaeological and Heritage Services Pty Ltd                       |         |          |           |             | <u>Permits</u>                         |                |             |
| 36-1-0182 | K-ST-2                          | AGD              | 55  | 654220  | 6428870  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   | 3350        |
|           | <u>Contact</u>                  | <u>Recorders</u> | Central West Archaeological and Heritage Services Pty Ltd                       |         |          |           |             | <u>Permits</u>                         |                |             |
| 36-1-0114 | M21 Dubbo                       | AGD              | 55  | 651120  | 6425550  | Open site | Valid       | Artefact : 25                          | Open Camp Site | 1065        |
|           | <u>Contact</u>                  | <u>Recorders</u> | N Franklin,Margrit Koettig,Rex Silcox   |         |          |           |             | <u>Permits</u>                         |                |             |
| 36-1-0115 | M22 Dubbo                       | AGD              | 55  | 650940  | 6426290  | Open site | Valid       | Artefact : 219                         | Open Camp Site | 1065        |
|           | <u>Contact</u>                  | <u>Recorders</u> | N Franklin,Margrit Koettig,Rex Silcox   |         |          |           |             | <u>Permits</u>                         |                |             |
| 36-1-0186 | K-IF-2;                         | AGD              | 55  | 654830  | 6426680  | Open site | Valid       | Artefact : -                           | Isolated Find  | 3348,103709 |
|           | <u>Contact</u>                  | <u>Recorders</u> | Jim Kelton  |         |          |           |             | <u>Permits</u>                         |                |             |

Report generated by AHIMS Web Service on 25/02/2019 for Heritage Emm for the following area at Datum :GDA, Zone : 55, Eastings : 650700 - 660700, Northings : 6422500 - 6432500 with a Buffer of 0 meters. Additional Info : Baseline archaeological assessment. Number of Aboriginal sites and Aboriginal objects found is 77

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| SiteID    | SiteName              | Datum | Zone | Easting                           | Northing | Context   | Site Status | SiteFeatures   | SiteTypes  | Reports                |
|-----------|-----------------------|-------|------|-----------------------------------|----------|-----------|-------------|--|--|------------------------|
| 36-1-0061 | Bloomfield;           | AGD   | 55   | 659565                            | 6425462  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-  | Scarred Tree   |                        |
|           | <b>Contact</b>        |       |      |                                   |          |           |             |  |  |                        |
|           | <b>Recorders</b>      |       |      | ASRSYS                            |          |           |             |  |  |                        |
| 36-1-0021 | Dundallimal;          | AGD   | 55   | 650921                            | 6426608  | Open site | Valid       | Aboriginal Ceremony<br>and Dreaming : -,<br>Ceremonial Ring<br>(Stone or Earth) : -,<br>Hearth : -, Artefact : -,<br>Grinding Groove : - | Axe Grinding<br>Groove,Mound<br>(Oven),Open Camp<br>Site |                        |
|           | <b>Contact</b>        |       |      |                                   |          |           |             |  |  |                        |
|           | <b>Recorders</b>      |       |      | P Gresser,A.K. Morris             |          |           |             |  |  |                        |
| 36-1-0024 | Dubbo1                | AGD   | 55   | 652005                            | 6431140  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>2  | Carved Tree  | 65,102502              |
|           | <b>Contact</b>        |       |      |                                   |          |           |             |  |  |                        |
|           | <b>Recorders</b>      |       |      | David Bell                        |          |           |             |  |  |                        |
| 36-1-0025 | Dubbo                 | AGD   | 55   | 652005                            | 6431140  | Open site | Valid       | Burial : -, Modified<br>Tree (Carved or<br>Scarred) : 12   | Carved Tree  | 65,102502              |
|           | <b>Contact</b>        |       |      |                                   |          |           |             |  |  |                        |
|           | <b>Recorders</b>      |       |      | David Bell,R Etheridge            |          |           |             |  |  |                        |
| 36-1-0026 | Dubbo Railway Station | AGD   | 55   | 651639                            | 6431153  | Open site | Valid       | Burial : -, Modified<br>Tree (Carved or<br>Scarred) : -  | Burial/s,Carved<br>Tree                                  | 65,102502              |
|           | <b>Contact</b>        |       |      |                                   |          |           |             |  |  |                        |
|           | <b>Recorders</b>      |       |      | David Bell,R Etheridge,W.Y Thomas |          |           |             |  |  |                        |
| 36-1-0030 | Cootha;Dubbo;         | AGD   | 55   | 650955                            | 6427521  | Open site | Valid       | Artefact : -   | Open Camp Site   |                        |
|           | <b>Contact</b>        |       |      |                                   |          |           |             |  |  |                        |
|           | <b>Recorders</b>      |       |      | Michael Pearson                   |          |           |             |  |  |                        |
| 36-1-0187 | K-OS-2;               | AGD   | 55   | 654770                            | 6426650  | Open site | Valid       | Artefact : -   | Open Camp Site   | 3348,103709            |
|           | <b>Contact</b>        |       |      |                                   |          |           |             |  |  |                        |
|           | <b>Recorders</b>      |       |      | Jim Kelton                        |          |           |             |  |  |                        |
| 36-1-0188 | K-OS-3;               | AGD   | 55   | 654840                            | 6426873  | Open site | Valid       | Artefact : -   | Open Camp Site   | 3348,102800,1<br>03709 |
|           | <b>Contact</b>        |       |      |                                   |          |           |             |  |  |                        |
|           | <b>Recorders</b>      |       |      | Jim Kelton                        |          |           |             |  |  |                        |
| 36-1-0189 | K-OS-4;               | AGD   | 55   | 653790                            | 6426830  | Open site | Valid       | Artefact : -   | Open Camp Site   | 3348                   |
|           | <b>Contact</b>        |       |      |                                   |          |           |             |  |  |                        |
|           | <b>Recorders</b>      |       |      | Jim Kelton                        |          |           |             |  |  |                        |
| 36-1-0190 | K-OS-1;               | GDA   | 55   | 651870                            | 6427290  | Open site | Valid       | Artefact : -   | Open Camp Site   | 3348                   |
|           | <b>Contact</b>        |       |      |                                   |          |           |             |  |  |                        |
|           | <b>Recorders</b>      |       |      | Jim Kelton                        |          |           |             |  |  |                        |
| 36-1-0191 | K-ST-1;               | GDA   | 55   | 651870                            | 6427290  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1  | Scarred Tree   | 3348                   |
|           | <b>Contact</b>        |       |      |                                   |          |           |             |  |  |                        |
|           | <b>Recorders</b>      |       |      | Jim Kelton                        |          |           |             |  |  |                        |
| 36-1-0192 | K-IF-1;               | GDA   | 55   | 651940                            | 6427470  | Open site | Valid       | Artefact : -   | Isolated Find  | 3348                   |

Report generated by AHIMS Web Service on 25/02/2019 for Heritage Emm for the following area at Datum :GDA, Zone : 55, Eastings : 650700 - 660700, Northings : 6422500 - 6432500 with a Buffer of 0 meters. Additional Info : Baseline archaeological assessment. Number of Aboriginal sites and Aboriginal objects found is 77

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| SiteID    | SiteName   | Datum            | Zone  | Easting | Northing | Context   | Site Status | SiteFeatures   | SiteTypes           | Reports |
|-----------|--|------------------|---|---------|----------|-----------|-------------|--|---------------------|---------|
|           | <u>Contact</u>   | <u>Recorders</u> | Jim Kelton  |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0436 | PR-IF1   | AGD              | 55  | 657498  | 6429191  | Open site | Valid       | Artefact : 1   |                     | 99011   |
|           | <u>Contact</u>   | <u>Recorders</u> | Doctor,Jodie Benton   |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0515 | DWTP-OS1   | AGD              | 55  | 650830  | 6428395  | Open site | Valid       | Artefact : 6   |                     |         |
|           | <u>Contact</u> Searle                                    | <u>Recorders</u> | Doctor,Jodie Benton   |         |          |           |             | <u>Permits</u>   | 2166,2167,2216,2305 |         |
| 36-1-0613 | Dundullimal Reserve Scarred Tree 1 (DR-ST1)              | AGD              | 55  | 650605  | 6426823  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-                    |                     | 101792  |
|           | <u>Contact</u>   | <u>Recorders</u> | OzArk Environmental and Heritage Management                       |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0614 | Dundullimal Reserve Scarred Tree 2 (DR-ST2)              | AGD              | 55  | 650695  | 6426925  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    |                     | 101792  |
|           | <u>Contact</u>   | <u>Recorders</u> | OzArk Environmental and Heritage Management                       |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0615 | Dundullimal Reserve Open Site with PAD (DR-OS1-WITH PAD) | AGD              | 55  | 650592  | 6426739  | Open site | Valid       | Artefact : 50  |                     |         |
|           | <u>Contact</u>   | <u>Recorders</u> | OzArk Environmental and Heritage Management                       |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0714 | HD-OS1 with PAD  | GDA              | 55  | 652699  | 6426886  | Open site | Valid       | Artefact : -, Potential<br>Archaeological<br>Deposit (PAD) : - |                     |         |
|           | <u>Contact</u>   | <u>Recorders</u> | OzArk Environmental and Heritage Management, Miss, Philippa Sokol |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0301 | TP-OS-3  | AGD              | 55  | 650650  | 6431890  | Open site | Valid       | Artefact : -   | Open Camp Site      | 4362    |
|           | <u>Contact</u>   | <u>Recorders</u> | Jim Kelton  |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0273 | ER-IF-1  | AGD              | 55  | 659170  | 6428110  | Open site | Valid       | Artefact : -   | Isolated Find       |         |
|           | <u>Contact</u>   | <u>Recorders</u> | Lloyd Nolan   |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0274 | ER-ST-1  | AGD              | 55  | 659400  | 6428580  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-                    | Scarred Tree        |         |
|           | <u>Contact</u>   | <u>Recorders</u> | Lloyd Nolan   |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0106 | M13 Dubbo  | AGD              | 55  | 650940  | 6426590  | Open site | Valid       | Artefact : -   | Open Camp Site      | 1065    |
|           | <u>Contact</u>   | <u>Recorders</u> | N Franklin, Margrit Koettig, Rex Silcox                           |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0107 | M14 Dubbo  | AGD              | 55  | 651780  | 6426690  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    | Scarred Tree        | 1065    |
|           | <u>Contact</u>   | <u>Recorders</u> | N Franklin, Margrit Koettig, Rex Silcox                           |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0108 | M15 Dubbo  | AGD              | 55  | 651200  | 6426450  | Open site | Valid       | Artefact : -   | Open Camp Site      | 1065    |
|           | <u>Contact</u>   | <u>Recorders</u> | N Franklin, Margrit Koettig, Rex Silcox                           |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0109 | M16 Dubbo  | AGD              | 55  | 652500  | 6425940  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    | Scarred Tree        | 1065    |

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| SiteID    | SiteName                   | Datum            | Zone  | Easting | Northing | Context   | Site Status | SiteFeatures   | SiteTypes                             | Reports |
|-----------|----------------------------|------------------|---|---------|----------|-----------|-------------|--|---------------------------------------|---------|
| 36-1-0110 | M17 Dubbo                  | AGD              | 55  | 652410  | 6425220  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                              | Scarred Tree                          | 1065    |
|           | <u>Contact</u>             | <u>Recorders</u> | N Franklin,Margrit Koettig,Rex Silcox                           |         |          |           |             | <u>Permits</u>   |                                       |         |
| 36-1-0111 | M18 Dubbo                  | AGD              | 55  | 651990  | 6425360  | Open site | Valid       | Artefact : 1000  | Open Camp Site                        | 1065    |
|           | <u>Contact</u>             | <u>Recorders</u> | N Franklin,Margrit Koettig,Rex Silcox                           |         |          |           |             | <u>Permits</u>   |                                       |         |
| 36-1-0112 | M19 Dubbo                  | AGD              | 55  | 651290  | 6424640  | Open site | Valid       | Artefact : 30, Shell : -,<br>Modified Tree<br>(Carved or Scarred) :<br>- | Midden,Open Camp<br>Site,Scarred Tree | 1065    |
|           | <u>Contact</u>             | <u>Recorders</u> | N Franklin,Margrit Koettig,Rex Silcox                           |         |          |           |             | <u>Permits</u>   |                                       |         |
| 36-1-0113 | M20 Dubbo                  | AGD              | 55  | 651110  | 6424400  | Open site | Valid       | Artefact : -, Shell : -  | Midden,Open Camp<br>Site              | 1065    |
|           | <u>Contact</u>             | <u>Recorders</u> | N Franklin,Margrit Koettig,Rex Silcox                           |         |          |           |             | <u>Permits</u>   |                                       |         |
| 36-1-0336 | TA-ST-02                   | AGD              | 55  | 651550  | 6424410  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                              |                                       |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Lloyd Nolan   |         |          |           |             | <u>Permits</u>   |                                       |         |
| 36-1-0630 | Dundullimal Scarred Tree 1 | GDA              | 55  | 650995  | 6426688  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-                              |                                       |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Doctor,Jodie Benton,OzArk Environmental and Heritage Management |         |          |           |             | <u>Permits</u>   |                                       |         |
| 36-1-0665 | DSD1 (RAAF-OS1)            | GDA              | 55  | 652323  | 6429705  | Open site | Valid       | Artefact : 1   |                                       |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Ms.Morgan Wilcox  |         |          |           |             | <u>Permits</u>   | 4345                                  |         |
| 36-1-0666 | RAAF-ST3                   | GDA              | 55  | 652764  | 6429580  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                              |                                       |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Ms.Morgan Wilcox  |         |          |           |             | <u>Permits</u>   |                                       |         |
| 36-1-0667 | Scarred Tree 1 ( RAAF-ST1) | GDA              | 55  | 652642  | 6429881  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                              |                                       |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Ms.Morgan Wilcox  |         |          |           |             | <u>Permits</u>   | 4345                                  |         |
| 36-1-0668 | Scarred Tree (RAAF-ST2)    | GDA              | 55  | 652788  | 6429549  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                              |                                       |         |
|           | <u>Contact</u>             | <u>Recorders</u> | Ms.Morgan Wilcox  |         |          |           |             | <u>Permits</u>   |                                       |         |
| 36-1-0707 | Hillview-IF1               | GDA              | 55  | 655038  | 6427478  | Open site | Valid       | Artefact : -   |                                       | 103709  |
|           | <u>Contact</u>             | <u>Recorders</u> | OzArk Environmental and Heritage Management,Doctor.Chris Lovell |         |          |           |             | <u>Permits</u>   |                                       |         |

Report generated by AHIMS Web Service on 25/02/2019 for Heritage Emm for the following area at Datum :GDA, Zone : 55, Eastings : 650700 - 660700, Northings : 6422500 - 6432500 with a Buffer of 0 meters. Additional Info : Baseline archaeological assessment. Number of Aboriginal sites and Aboriginal objects found is 77

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| <u>SiteID</u> | <u>SiteName</u> | <u>Datum</u>     | <u>Zone</u>   | <u>Easting</u> | <u>Northing</u> | <u>Context</u> | <u>Site Status</u> | <u>SiteFeatures</u> | <u>SiteTypes</u> | <u>Reports</u>    |
|---------------|-----------------|------------------|---|----------------|-----------------|----------------|--------------------|---------------------|------------------|-------------------|
| 36-1-0704     | Macquarie-OS1   | GDA              | 55  | 651268         | 6427884         | Open site      | Destroyed          | Artefact :-         |                  | 103498,10367<br>0 |
|               | <u>Contact</u>  | <u>Recorders</u> | OzArk Environmental and Heritage Management,OzArk Environmental and Heritag |                |                 |                |                    | <u>Permits</u>      | 4087             |                   |

Report generated by AHIMS Web Service on 25/02/2019 for Heritage Emm for the following area at Datum :GDA, Zone : 55, Eastings : 650700 - 660700, Northings : 6422500 - 6432500 with a Buffer of 0 meters. Additional Info : Baseline archaeological assessment. Number of Aboriginal sites and Aboriginal objects found is 77

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EMM Consulting - St Leonards - Individual users

Date: 16 July 2020

Ground Level, Suite 01 20 Chandos Street  
St Leonards New South Wales 2065

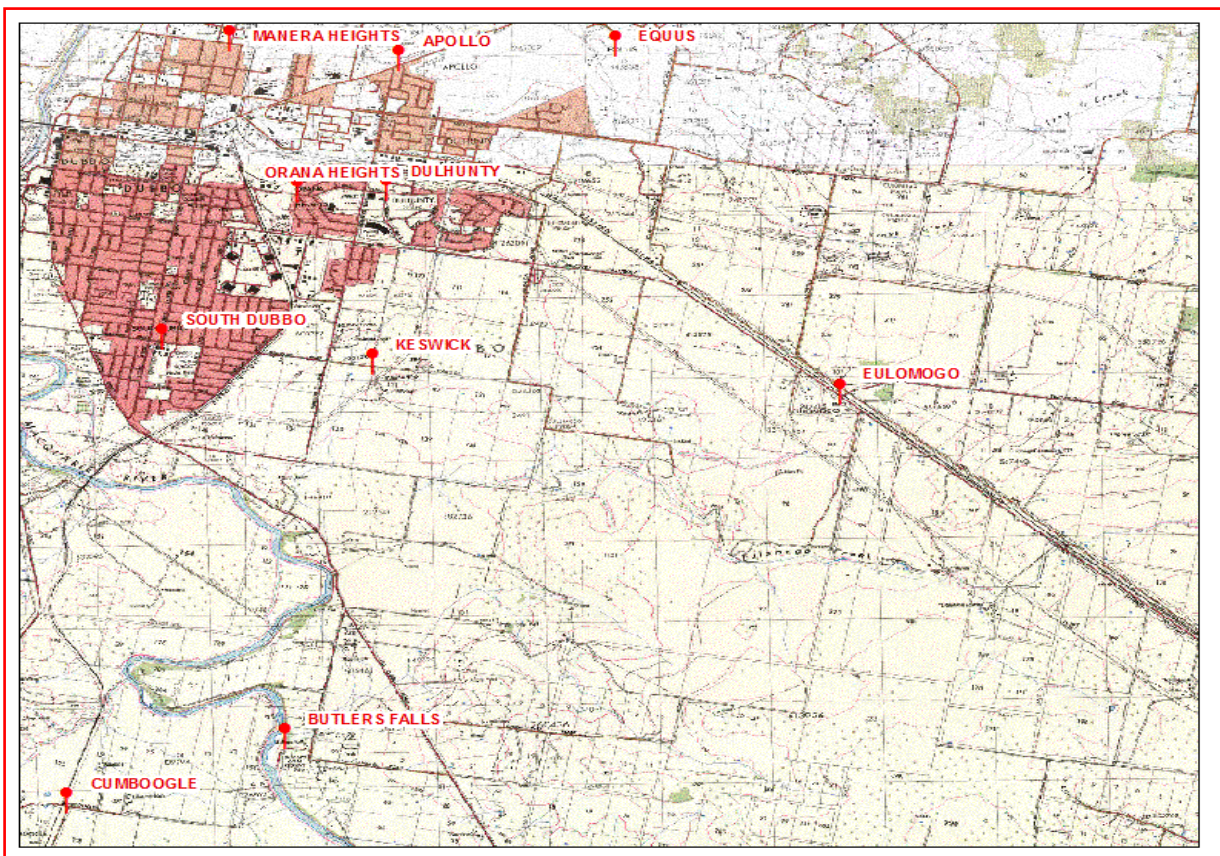
Attention: Morgan Wilcox

Email: mwilcox@emmconsulting.com.au

Dear Sir or Madam:

**AHIMS Web Service search for the following area at Datum :GDA, Zone : 55, Eastings : 650700 - 660700, Northings : 6422500 - 6432500 with a Buffer of 0 meters, conducted by Morgan Wilcox on 16 July 2020.**

The context area of your search is shown in the map below. Please note that the map does not accurately display the exact boundaries of the search as defined in the paragraph above. The map is to be used for general reference purposes only.



A search of the Office of the Environment and Heritage AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

|           |  |
|-----------|--|
| <b>78</b> | <b>Aboriginal sites are recorded in or near the above location.</b>          |
| <b>0</b>  | <b>Aboriginal places have been declared in or near the above location. *</b> |

### **If your search shows Aboriginal sites or places what should you do?**

- You must do an extensive search if AHIMS has shown that there are Aboriginal sites or places recorded in the search area.
- If you are checking AHIMS as a part of your due diligence, refer to the next steps of the Due Diligence Code of practice.
- You can get further information about Aboriginal places by looking at the gazettal notice that declared it. Aboriginal places gazetted after 2001 are available on the [NSW Government Gazette \(http://www.nsw.gov.au/gazette\)](http://www.nsw.gov.au/gazette) website. Gazettal notices published prior to 2001 can be obtained from Office of Environment and Heritage's Aboriginal Heritage Information Unit upon request

### **Important information about your AHIMS search**

- The information derived from the AHIMS search is only to be used for the purpose for which it was requested. It is not to be made available to the public.
- AHIMS records information about Aboriginal sites that have been provided to Office of Environment and Heritage and Aboriginal places that have been declared by the Minister;
- Information recorded on AHIMS may vary in its accuracy and may not be up to date. Location details are recorded as grid references and it is important to note that there may be errors or omissions in these recordings,
- Some parts of New South Wales have not been investigated in detail and there may be fewer records of Aboriginal sites in those areas. These areas may contain Aboriginal sites which are not recorded on AHIMS.
- Aboriginal objects are protected under the National Parks and Wildlife Act 1974 even if they are not recorded as a site on AHIMS.
- This search can form part of your due diligence and remains valid for 12 months.



| SiteID    | SiteName                          | Datum            | Zone | Easting | Northing  | Context   | Site Status | SiteFeatures                           | SiteTypes              | Reports |
|-----------|-----------------------------------|------------------|------|---------|---|-----------|-------------|--|------------------------|---------|
| 36-1-0246 | EC-OS-1;Eulomogo Creek;           | AGD              | 55   | 654950  | 6426800   | Open site | Valid       | Artefact : -                           | Open Camp Site         | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd                       |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0247 | EC-OS-2;Eulomogo Creek;           | AGD              | 55   | 655210  | 6426690   | Open site | Valid       | Artefact : -                           | Open Camp Site         | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd                       |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0248 | Eulomogo Creek (EC-OS-3)          | GDA              | 55   | 656544  | 6427593   | Open site | Valid       | Artefact : -                           | Open Camp Site         | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd,OzArk Environmental a |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0249 | EC-OS-4;Keswick South (Eulomogo); | AGD              | 55   | 656100  | 6428000   | Open site | Valid       | Artefact : -                           | Open Camp Site         | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd                       |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0250 | EC-OS-5; Keswick South (Eulomogo) | GDA              | 55   | 656662  | 6427183   | Open site | Valid       | Artefact : -                           | Open Camp Site         | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd,OzArk Environmental a |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0251 | EC-OS-6; Keswick South (Eulomogo) | GDA              | 55   | 656726  | 6426485   | Open site | Valid       | Artefact : -                           | Open Camp Site         | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd,OzArk Environmental a |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0252 | EC-ST-1; Keswick South (Eulomogo) | GDA              | 55   | 656559  | 6427271   | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree           | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd,OzArk Environmental a |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0253 | EC-AG-2;Eulomogo Creek;           | AGD              | 55   | 655150  | 6426670   | Open site | Valid       | Grinding Groove : -                    | Axe Grinding<br>Groove | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd                       |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0254 | EC-AG-1;Eulomogo Creek;           | AGD              | 55   | 655380  | 6426870   | Open site | Valid       | Grinding Groove : -                    | Axe Grinding<br>Groove | 4378    |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Central West Archaeological and Heritage Services Pty Ltd                       |           |             | <b>Permits</b>                         | 1276,1277              |         |
| 36-1-0403 | Cobra Street ST                   | AGD              | 55   | 651422  | 6430087   | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                        |         |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Miss.Rebecca Ogden-Brunell  |           |             | <b>Permits</b>                         | 1701                   |         |
| 36-1-0351 | WR-TT-01                          | AGD              | 55   | 660050  | 6425950   | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                        |         |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | Guarra Aboriginal Site Surveys  |           |             | <b>Permits</b>                         |                        |         |
| 36-1-0409 | SP-OS-08                          | AGD              | 55   | 650680  | 6431960   | Open site | Valid       | Artefact : -                           |                        |         |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | L Nolan   |           |             | <b>Permits</b>                         |                        |         |
| 36-1-0410 | SP-OS-07                          | AGD              | 55   | 650670  | 6431960   | Open site | Valid       | Artefact : -                           |                        |         |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | L Nolan   |           |             | <b>Permits</b>                         |                        |         |
| 36-1-0550 | DLGA-ST-07                        | GDA              | 55   | 650722  | 6431972   | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : |                        | 102502  |
|           | <b>Contact</b>                    | <b>Recorders</b> |      |         | OzArk Environmental and Heritage Management                                     |           |             | <b>Permits</b>                         |                        |         |

Report generated by AHIMS Web Service on 16/07/2020 for Morgan Wilcox for the following area at Datum :GDA, Zone : 55, Eastings : 650700 - 660700, Northings : 6422500 - 6432500 with a Buffer of 0 meters. Additional Info : ACHA. Number of Aboriginal sites and Aboriginal objects found is 78

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| SiteID    | SiteName                 | Datum  | Zone | Easting | Northing | Context   | Site Status | SiteFeatures                                | SiteTypes      | Reports   |
|-----------|--------------------------|--------|------|---------|----------|-----------|-------------|---|----------------|---|
| 36-1-0551 | DLGA-ST-06               | GDA    | 55   | 650933  | 6432435  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |                |   |
|           | <b>Contact</b>           | Searle |      |         |          |           |             |   |                | <b>Recorders</b>  |
|           |                          |        |      |         |          |           |             |   |                | OzArk Environmental and Heritage Management                         |
| 36-1-0557 | DLGA-ST-02               | AGD    | 55   | 651652  | 6427032  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |                |   |
|           | <b>Contact</b>           | Searle |      |         |          |           |             |   |                | <b>Recorders</b>  |
|           |                          |        |      |         |          |           |             |   |                | OzArk Environmental and Heritage Management                         |
| 36-1-0558 | DLGA-ST-01               | AGD    | 55   | 651300  | 6426770  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |                |   |
|           | <b>Contact</b>           | Searle |      |         |          |           |             |   |                | <b>Recorders</b>  |
|           |                          |        |      |         |          |           |             |   |                | OzArk Environmental and Heritage Management                         |
| 36-1-0559 | DLGA-OS-03               | AGD    | 55   | 651324  | 6427339  | Open site | Valid       | Artefact : 5                                |                |   |
|           | <b>Contact</b>           | Searle |      |         |          |           |             |   |                | <b>Recorders</b>  |
|           |                          |        |      |         |          |           |             |   |                | OzArk Environmental and Heritage Management                         |
| 36-1-0560 | DLGA-OS-02               | AGD    | 55   | 651407  | 6427264  | Open site | Valid       | Artefact : 2                                |                |   |
|           | <b>Contact</b>           | Searle |      |         |          |           |             |   |                | <b>Recorders</b>  |
|           |                          |        |      |         |          |           |             |   |                | OzArk Environmental and Heritage Management                         |
| 36-1-0561 | DLGA-OS-01               | AGD    | 55   | 651688  | 6427148  | Open site | Valid       | Artefact : 18                               |                |   |
|           | <b>Contact</b>           | Searle |      |         |          |           |             |   |                | <b>Recorders</b>  |
|           |                          |        |      |         |          |           |             |   |                | OzArk Environmental and Heritage Management                         |
| 36-1-0562 | DLGA-IF-02               | AGD    | 55   | 651224  | 6427616  | Open site | Valid       | Artefact : -                                |                |   |
|           | <b>Contact</b>           | Searle |      |         |          |           |             |   |                | <b>Recorders</b>  |
|           |                          |        |      |         |          |           |             |   |                | OzArk Environmental and Heritage Management                         |
| 36-1-0563 | DLGA-IF-01               | AGD    | 55   | 651353  | 6427429  | Open site | Valid       | Artefact : -                                |                |   |
|           | <b>Contact</b>           | Searle |      |         |          |           |             |   |                | <b>Recorders</b>  |
|           |                          |        |      |         |          |           |             |   |                | OzArk Environmental and Heritage Management                         |
| 36-1-0616 | TA-ST-01                 | AGD    | 55   | 651770  | 6424670  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- |                |   |
|           | <b>Contact</b>           |        |      |         |          |           |             |   |                | <b>Recorders</b>  |
|           |                          |        |      |         |          |           |             |   |                | Lloyd Nolan   |
| 36-1-0772 | K-OS-4 Reburial location | GDA    | 55   | 653381  | 6427225  | Open site | Valid       | Artefact : -                                |                |   |
|           | <b>Contact</b>           |        |      |         |          |           |             |   |                | <b>Recorders</b>  |
|           |                          |        |      |         |          |           |             |   |                | OzArk Environmental and Heritage Management, Miss. Stephanie Rusden |
| 36-1-0324 | TG-ST-01                 | AGD    | 55   | 655780  | 6431770  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>- | Scarred Tree   |   |
|           | <b>Contact</b>           |        |      |         |          |           |             |   |                | <b>Recorders</b>  |
|           |                          |        |      |         |          |           |             |   |                | Lloyd Nolan   |
| 36-1-0319 | TG-9-01                  | AGD    | 55   | 655710  | 6431840  | Open site | Valid       | Stone Quarry : -,<br>Artefact : -           | Quarry         |   |
|           | <b>Contact</b>           |        |      |         |          |           |             |   |                | <b>Recorders</b>  |
|           |                          |        |      |         |          |           |             |   |                | Lloyd Nolan   |
| 36-1-0320 | TG-05-04                 | AGD    | 55   | 655690  | 6432220  | Open site | Valid       | Artefact : -                                | Open Camp Site |   |
|           | <b>Contact</b>           |        |      |         |          |           |             |   |                | <b>Recorders</b>  |
|           |                          |        |      |         |          |           |             |   |                | Lloyd Nolan   |
| 36-1-0321 | TG-05-03                 | AGD    | 55   | 655750  | 6432030  | Open site | Valid       | Artefact : -                                | Open Camp Site |   |

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| SiteID    | SiteName                        | Datum            | Zone  | Easting | Northing | Context   | Site Status | SiteFeatures                           | SiteTypes      | Reports |
|-----------|---------------------------------|------------------|---|---------|----------|-----------|-------------|--|----------------|---------|
|           | <b>Contact</b>                  | <b>Recorders</b> | Lloyd Nolan   |         |          |           |             | <b>Permits</b>                         |                |         |
| 36-1-0322 | TG-05-02                        | AGD              | 55  | 655800  | 6431580  | Open site | Valid       | Artefact : -                           | Open Camp Site |         |
|           | <b>Contact</b>                  | <b>Recorders</b> | Lloyd Nolan   |         |          |           |             | <b>Permits</b>                         | 1432           |         |
| 36-1-0323 | TG-05-01                        | AGD              | 55  | 655710  | 6431840  | Open site | Valid       | Artefact : -                           | Open Camp Site |         |
|           | <b>Contact</b>                  | <b>Recorders</b> | Lloyd Nolan   |         |          |           |             | <b>Permits</b>                         | 1432           |         |
| 36-1-0040 | Dubbo;Cootha;                   | AGD              | 55  | 650955  | 6427521  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   |         |
|           | <b>Contact</b>                  | <b>Recorders</b> | Michael Pearson   |         |          |           |             | <b>Permits</b>                         |                |         |
| 36-1-0154 | Old Dubbo Rd                    | AGD              | 55  | 653120  | 6425750  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   |         |
|           | <b>Contact</b>                  | <b>Recorders</b> | Katrina Geering   |         |          |           |             | <b>Permits</b>                         |                |         |
| 36-1-0212 | Mugga Hill 1;                   | AGD              | 55  | 657970  | 6431780  | Open site | Valid       | Artefact : -                           | Isolated Find  | 3161    |
|           | <b>Contact</b>                  | <b>Recorders</b> | Mr.Matthew Barber   |         |          |           |             | <b>Permits</b>                         |                |         |
| 36-1-0213 | K-ST-6                          | AGD              | 55  | 653640  | 6428240  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   | 3350    |
|           | <b>Contact</b>                  | <b>Recorders</b> | Jim Kelton  |         |          |           |             | <b>Permits</b>                         |                |         |
| 36-1-0179 | Keswick-Scarred Tree-5 (K-ST-5) | GDA              | 55  | 653794  | 6429259  | Open site | Destroyed   | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   | 3350    |
|           | <b>Contact</b>                  | <b>Recorders</b> | Central West Archaeological and Heritage Services Pty Ltd,OzArk Environmental a |         |          |           |             | <b>Permits</b>                         | 3873           |         |
| 36-1-0180 | K-ST-4                          | AGD              | 55  | 654590  | 6428590  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   | 3350    |
|           | <b>Contact</b>                  | <b>Recorders</b> | Central West Archaeological and Heritage Services Pty Ltd                       |         |          |           |             | <b>Permits</b>                         |                |         |
| 36-1-0181 | K-ST-3                          | AGD              | 55  | 654510  | 6428580  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   | 3350    |
|           | <b>Contact</b>                  | <b>Recorders</b> | Central West Archaeological and Heritage Services Pty Ltd                       |         |          |           |             | <b>Permits</b>                         |                |         |
| 36-1-0182 | K-ST-2                          | AGD              | 55  | 654220  | 6428870  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) : | Scarred Tree   | 3350    |
|           | <b>Contact</b>                  | <b>Recorders</b> | Central West Archaeological and Heritage Services Pty Ltd                       |         |          |           |             | <b>Permits</b>                         |                |         |
| 36-1-0114 | M21 Dubbo                       | AGD              | 55  | 651120  | 6425550  | Open site | Valid       | Artefact : 25                          | Open Camp Site | 1065    |
|           | <b>Contact</b>                  | <b>Recorders</b> | N Franklin,Margrit Koettig,Rex Silcox   |         |          |           |             | <b>Permits</b>                         |                |         |
| 36-1-0115 | M22 Dubbo                       | AGD              | 55  | 650940  | 6426290  | Open site | Valid       | Artefact : 219                         | Open Camp Site | 1065    |
|           | <b>Contact</b>                  | <b>Recorders</b> | N Franklin,Margrit Koettig,Rex Silcox   |         |          |           |             | <b>Permits</b>                         |                |         |

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| SiteID    | SiteName              | Datum            | Zone   | Easting | Northing | Context   | Site Status | SiteFeatures   | SiteTypes  | Reports                |
|-----------|-----------------------|------------------|--|---------|----------|-----------|-------------|--|--|------------------------|
| 36-1-0186 | K-IF-2;               | AGD              | 55   | 654830  | 6426680  | Open site | Valid       | Artefact : -   | Isolated Find  | 3348,103709            |
|           | <b>Contact</b>        | <b>Recorders</b> | Jim Kelton   |         |          |           |             | <b>Permits</b>   |  |                        |
| 36-1-0061 | Bloomfield;           | AGD              | 55   | 659565  | 6425462  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-  | Scarred Tree   |                        |
|           | <b>Contact</b>        | <b>Recorders</b> | ASRSYS   |         |          |           |             | <b>Permits</b>   |  |                        |
| 36-1-0021 | Dundallimal;          | AGD              | 55   | 650921  | 6426608  | Open site | Valid       | Aboriginal Ceremony<br>and Dreaming : -,<br>Ceremonial Ring<br>(Stone or Earth) : -,<br>Hearth : -, Artefact : -,<br>Grinding Groove : - | Axe Grinding<br>Groove,Mound<br>(Oven),Open Camp<br>Site |                        |
|           | <b>Contact</b>        | <b>Recorders</b> | P Gresser,A.K. Morris  |         |          |           |             | <b>Permits</b>   |  |                        |
| 36-1-0024 | Dubbo1                | AGD              | 55   | 652005  | 6431140  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>2  | Carved Tree  | 65,102502              |
|           | <b>Contact</b>        | <b>Recorders</b> | David Bell   |         |          |           |             | <b>Permits</b>   |  |                        |
| 36-1-0025 | Dubbo                 | AGD              | 55   | 652005  | 6431140  | Open site | Valid       | Burial : -, Modified<br>Tree (Carved or<br>Scarred) : 12   | Carved Tree  | 65,102502              |
|           | <b>Contact</b>        | <b>Recorders</b> | David Bell,R Etheridge   |         |          |           |             | <b>Permits</b>   |  |                        |
| 36-1-0026 | Dubbo Railway Station | AGD              | 55   | 651639  | 6431153  | Open site | Valid       | Burial : -, Modified<br>Tree (Carved or<br>Scarred) : -  | Burial/s,Carved<br>Tree                                  | 65,102502              |
|           | <b>Contact</b>        | <b>Recorders</b> | David Bell,R Etheridge,W.Y Thomas  |         |          |           |             | <b>Permits</b>   |  |                        |
| 36-1-0030 | Cootha;Dubbo;         | AGD              | 55   | 650955  | 6427521  | Open site | Valid       | Artefact : -   | Open Camp Site   |                        |
|           | <b>Contact</b>        | <b>Recorders</b> | Michael Pearson  |         |          |           |             | <b>Permits</b>   |  |                        |
| 36-1-0187 | K-OS-2;               | AGD              | 55   | 654770  | 6426650  | Open site | Valid       | Artefact : -   | Open Camp Site   | 3348,103709            |
|           | <b>Contact</b>        | <b>Recorders</b> | Jim Kelton   |         |          |           |             | <b>Permits</b>   |  |                        |
| 36-1-0188 | K-OS-3;               | AGD              | 55   | 654840  | 6426873  | Open site | Valid       | Artefact : -   | Open Camp Site   | 3348,102800,1<br>03709 |
|           | <b>Contact</b>        | <b>Recorders</b> | Jim Kelton   |         |          |           |             | <b>Permits</b>   |  |                        |
| 36-1-0189 | K-OS-4                | GDA              | 55   | 653901  | 6427013  | Open site | Destroyed   | Artefact : -   | Open Camp Site   | 3348,104317            |
|           | <b>Contact</b>        | <b>Recorders</b> | Jim Kelton,OzArk Environmental and Heritage Management,Miss.Stephanie Rusder |         |          |           |             | <b>Permits</b>   | 4471   |                        |
| 36-1-0190 | K-OS-1;               | GDA              | 55   | 651870  | 6427290  | Open site | Valid       | Artefact : -   | Open Camp Site   | 3348                   |
|           | <b>Contact</b>        | <b>Recorders</b> | Jim Kelton   |         |          |           |             | <b>Permits</b>   |  |                        |
| 36-1-0191 | K-ST-1;               | GDA              | 55   | 651870  | 6427290  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1  | Scarred Tree   | 3348                   |

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| SiteID    | SiteName   | Datum            | Zone | Easting | Northing | Context   | Site Status | SiteFeatures   | SiteTypes           | Reports |
|-----------|--|------------------|------|---------|----------|-----------|-------------|--|---------------------|---------|
|           | <u>Contact</u>   | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0192 | K-IF-1;  | GDA              | 55   | 651940  | 6427470  | Open site | Valid       | Artefact : -   | Isolated Find       | 3348    |
|           | <u>Contact</u>   | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0436 | PR-IF1   | AGD              | 55   | 657498  | 6429191  | Open site | Valid       | Artefact : 1   |                     | 99011   |
|           | <u>Contact</u>   | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0515 | DWTP-OS1   | AGD              | 55   | 650830  | 6428395  | Open site | Valid       | Artefact : 6   |                     |         |
|           | <u>Contact</u> Searle                                    | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>   | 2166,2167,2216,2305 |         |
| 36-1-0613 | Dundullimal Reserve Scarred Tree 1 (DR-ST1)              | AGD              | 55   | 650605  | 6426823  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-                    |                     | 101792  |
|           | <u>Contact</u>   | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0614 | Dundullimal Reserve Scarred Tree 2 (DR-ST2)              | AGD              | 55   | 650695  | 6426925  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    |                     | 101792  |
|           | <u>Contact</u>   | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0615 | Dundullimal Reserve Open Site with PAD (DR-OS1-WITH PAD) | AGD              | 55   | 650592  | 6426739  | Open site | Valid       | Artefact : 50  |                     |         |
|           | <u>Contact</u>   | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0714 | HD-OS1 with PAD  | GDA              | 55   | 652699  | 6426886  | Open site | Valid       | Artefact : -, Potential<br>Archaeological<br>Deposit (PAD) : - |                     |         |
|           | <u>Contact</u>   | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0301 | TP-OS-3  | AGD              | 55   | 650650  | 6431890  | Open site | Valid       | Artefact : -   | Open Camp Site      | 4362    |
|           | <u>Contact</u>   | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0273 | ER-IF-1  | AGD              | 55   | 659170  | 6428110  | Open site | Valid       | Artefact : -   | Isolated Find       |         |
|           | <u>Contact</u>   | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0274 | ER-ST-1  | AGD              | 55   | 659400  | 6428580  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-                    | Scarred Tree        |         |
|           | <u>Contact</u>   | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0106 | M13 Dubbo  | AGD              | 55   | 650940  | 6426590  | Open site | Valid       | Artefact : -   | Open Camp Site      | 1065    |
|           | <u>Contact</u>   | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0107 | M14 Dubbo  | AGD              | 55   | 651780  | 6426690  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                    | Scarred Tree        | 1065    |
|           | <u>Contact</u>   | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>   |                     |         |
| 36-1-0108 | M15 Dubbo  | AGD              | 55   | 651200  | 6426450  | Open site | Valid       | Artefact : -   | Open Camp Site      | 1065    |
|           | <u>Contact</u>   | <u>Recorders</u> |      |         |          |           |             | <u>Permits</u>   |                     |         |

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| SiteID    | SiteName                   | Datum            | Zone  | Easting | Northing | Context   | Site Status | SiteFeatures   | SiteTypes                             | Reports |
|-----------|----------------------------|------------------|---|---------|----------|-----------|-------------|--|---------------------------------------|---------|
| 36-1-0109 | M16 Dubbo                  | AGD              | 55  | 652500  | 6425940  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                              | Scarred Tree                          | 1065    |
|           | <b>Contact</b>             | <b>Recorders</b> | N Franklin,Margrit Koettig,Rex Silcox                           |         |          |           |             | <b>Permits</b>   |                                       |         |
| 36-1-0110 | M17 Dubbo                  | AGD              | 55  | 652410  | 6425220  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                              | Scarred Tree                          | 1065    |
|           | <b>Contact</b>             | <b>Recorders</b> | N Franklin,Margrit Koettig,Rex Silcox                           |         |          |           |             | <b>Permits</b>   |                                       |         |
| 36-1-0111 | M18 Dubbo                  | AGD              | 55  | 651990  | 6425360  | Open site | Valid       | Artefact : 1000  | Open Camp Site                        | 1065    |
|           | <b>Contact</b>             | <b>Recorders</b> | N Franklin,Margrit Koettig,Rex Silcox                           |         |          |           |             | <b>Permits</b>   |                                       |         |
| 36-1-0112 | M19 Dubbo                  | AGD              | 55  | 651290  | 6424640  | Open site | Valid       | Artefact : 30, Shell : -,<br>Modified Tree<br>(Carved or Scarred) :<br>- | Midden,Open Camp<br>Site,Scarred Tree | 1065    |
|           | <b>Contact</b>             | <b>Recorders</b> | N Franklin,Margrit Koettig,Rex Silcox                           |         |          |           |             | <b>Permits</b>   |                                       |         |
| 36-1-0113 | M20 Dubbo                  | AGD              | 55  | 651110  | 6424400  | Open site | Valid       | Artefact : -, Shell : -  | Midden,Open Camp<br>Site              | 1065    |
|           | <b>Contact</b>             | <b>Recorders</b> | N Franklin,Margrit Koettig,Rex Silcox                           |         |          |           |             | <b>Permits</b>   |                                       |         |
| 36-1-0336 | TA-ST-02                   | AGD              | 55  | 651550  | 6424410  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                              |                                       |         |
|           | <b>Contact</b>             | <b>Recorders</b> | Lloyd Nolan   |         |          |           |             | <b>Permits</b>   |                                       |         |
| 36-1-0630 | Dundullimal Scarred Tree 1 | GDA              | 55  | 650995  | 6426688  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>-                              |                                       |         |
|           | <b>Contact</b>             | <b>Recorders</b> | Doctor.Jodie Benton,OzArk Environmental and Heritage Management |         |          |           |             | <b>Permits</b>   |                                       |         |
| 36-1-0665 | DSD1 (RAAF-OS1)            | GDA              | 55  | 652323  | 6429705  | Open site | Valid       | Artefact : 1   |                                       | 4345    |
|           | <b>Contact</b>             | <b>Recorders</b> | Ms.Morgan Wilcox  |         |          |           |             | <b>Permits</b>   |                                       |         |
| 36-1-0666 | RAAF-ST3                   | GDA              | 55  | 652764  | 6429580  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                              |                                       |         |
|           | <b>Contact</b>             | <b>Recorders</b> | Ms.Morgan Wilcox  |         |          |           |             | <b>Permits</b>   |                                       |         |
| 36-1-0667 | Scarred Tree 1 ( RAAF-ST1) | GDA              | 55  | 652642  | 6429881  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                              |                                       | 4345    |
|           | <b>Contact</b>             | <b>Recorders</b> | Ms.Morgan Wilcox  |         |          |           |             | <b>Permits</b>   |                                       |         |
| 36-1-0668 | Scarred Tree (RAAF-ST2)    | GDA              | 55  | 652788  | 6429549  | Open site | Valid       | Modified Tree<br>(Carved or Scarred) :<br>1                              |                                       |         |
|           | <b>Contact</b>             | <b>Recorders</b> | Ms.Morgan Wilcox  |         |          |           |             | <b>Permits</b>   |                                       |         |

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# AHIMS Web Services (AWS)

## Extensive search - Site list report

| SiteID    | SiteName         | Datum | Zone | Easting   | Northing | Context   | Site Status | SiteFeatures | SiteTypes      | Reports       |
|-----------|------------------|-------|------|---|----------|-----------|-------------|--------------|----------------|---------------|
| 36-1-0707 | Hillview-IF1     | GDA   | 55   | 655038  | 6427478  | Open site | Valid       | Artefact : - |                | 103709        |
|           | <b>Contact</b>   |       |      |   |          |           |             |              |                |               |
| 36-1-0704 | Macquarie-OS1    | GDA   | 55   | 651268  | 6427884  | Open site | Destroyed   | Artefact : - |                | 103498,103670 |
|           | <b>Contact</b>   |       |      |   |          |           |             |              |                |               |
|           | <b>Recorders</b> |       |      | OzArk Environmental and Heritage Management,Doctor.Chris Lovell             |          |           |             |              | <b>Permits</b> |               |
|           | <b>Recorders</b> |       |      | OzArk Environmental and Heritage Management,OzArk Environmental and Heritag |          |           |             |              | <b>Permits</b> | 4087          |

Report generated by AHIMS Web Service on 16/07/2020 for Morgan Wilcox for the following area at Datum :GDA, Zone : 55, Eastings : 650700 - 660700, Northings : 6422500 - 6432500 with a Buffer of 0 meters. Additional Info : ACHA. Number of Aboriginal sites and Aboriginal objects found is 78

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Appendix C

# Additional archaeological information

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## C.1 Site definitions and recording methods used for this assessment

### C.1.1 Aboriginal sites

In the AHIMS database, Aboriginal sites are defined in several ways. At the simplest level, sites are recorded as ‘closed’ or ‘open’. Closed sites are associated with rock shelters and include other evidence of Aboriginal occupation that may be present, such as areas where subsurface Aboriginal objects may occur within the shelter (‘potential archaeological deposit’ (PAD)), faunal remains, and art on the shelter walls (paintings/engravings). Open sites are broadly defined and encompass all other types of Aboriginal site features that are located in areas where there is no rock shelter. The most common open site features found generally include artefacts, grinding grooves, art, culturally modified trees, and shell deposits (middens) (OEH 2012). The presence or absence of stone artefacts is often a defining factor in site identification, with almost every site likely to have at least some associated artefacts, as discard or loss of this most ubiquitous and practically indestructible marker of past Aboriginal visitation.

Any one site (or group of linked sites described as a ‘complex’) can contain several different site features. For example, a shelter may have art on the walls, artefacts on the floor surface or outside the shelter, and be predicted to contain faunal remains and further artefacts in the accumulated deposit inside.

A description of terms used to describe different site features known to occur in the vicinity of the project area is provided in Table C.1 and use definitions provided by Heritage NSW and those adopted by EMM in their field investigations to ensure consistency in recording. Similarly, there may be places of contemporary significance to Aboriginal people in the region and that will require consultation with this community to identify.

**Table C.1 Site definitions and recording**

| Site feature                             | Definition and recording methods  |
|--|---|
| Aboriginal ceremony and Dreaming         | Previously referred to as mythological sites these are spiritual/story places where no physical evidence of previous use of the place may occur; eg natural unmodified landscape features, ceremonial or spiritual areas, men’s/women’s sites, dreaming (creation) tracks, marriage places, etc.  |
| Artefact site (open stone artefact site) | Objects such as stone tools, and associated flaked material, spears, manuports, grindstones, discarded stone flakes, modified glass or shell demonstrating evidence of use of the area by Aboriginal people.<br>Open stone artefact sites were defined by the presence of one (isolated find) or more (artefact scatter) stone artefacts visible on the ground surface. The boundaries of a site are limited to the spatial extent of the visible stone artefacts. The mapped site points and/or ‘site areas’ do not represent the areas of potential archaeological deposit (PAD) that also apply to some sites (refer to the term ‘PAD’ below).<br>Open stone artefact sites were recorded by marking each artefact location or each cluster of artefacts within a 5 m radius as a separate waypoint in the GPS. Site boundaries were allocated by drawing a line around the cluster waypoints for each site using ArcGIS software. Stone artefacts more than 50 m apart were recorded as separate sites. EMM acknowledges that the 50 m rule applied here is an arbitrary distinction for site boundaries and is used mainly for efficiencies in site management and to establish consistency in site recording methods. |



**Table C.1 Site definitions and recording**

| Site feature                      | Definition and recording methods   |
|-----------------------------------|--|
| Burials                           | A traditional or contemporary (post-contact) burial of an Aboriginal person, which may occur outside designated cemeteries and may not be marked; eg in caves, marked by stone cairns, in sand areas, along creek banks, etc.  |
| Fish trap                         | A modified area on watercourses where fish were trapped for short-term storage and gathering.  |
| Grinding grooves                  | Grinding grooves were defined as an area of outcropping bedrock containing evidence of one or more grinding grooves where ground-stone hatchets or other grinding practices (ie seed grinding) were implemented.   |
| Habitation structure              | Structures constructed by Aboriginal people for short- or long-term shelter. More temporary structures are commonly preserved away from the NSW coastline, may include historic camps of contemporary significance. Smaller structures may make use of natural materials such as branches, logs and bark sheets or manufactured materials such as corrugated iron to form shelters. Archaeological remains of a former structure such as chimney/fireplace, raised earth building platform, excavated pits, rubble mounds, etc.  |
| Modified tree (carved or scarred) | <p>Trees which show the marks of modification as a result of cutting of bark from the trunk for use in the production of shields, canoes, boomerangs, burials shrouds, for medicinal purposes, foot holds, etc., or alternately intentional carving of the heartwood of the tree to form a permanent marker to indicate ceremonial use/significance of a nearby area, again these carvings may also act as territorial or burial markers.</p> <p>Modified trees (either carved or scarred) can be difficult to identify. Scars commonly occur on trees through natural processes such a branch tears, insect damage, storm and fire damage and faunal damage. Scars can also occur from mechanical damage from vehicles or farming equipment.</p> <p>The attributes of potential scarred trees were discussed during the survey amongst archaeologists and RAPs before it was decided if a scar would be recorded or not. A precautionary approach was adopted, whereby some of the more ambiguous examples were recorded anyway. The assessment of scar trees was made from the experience of the survey team and the guideline <i>Aboriginal scarred trees in New South Wales: a field manual</i> (DEC 2005). In some of the more ambiguous examples, it cannot be verified whether some scars recorded during the survey are of natural or Aboriginal origin. In such instances, an expert evaluation by a scar tree expert (arborist or other) would be required to determine the status of certain trees.</p> |

**Table C.1 Site definitions and recording**

| Site feature                           | Definition and recording methods   |
|--|--|
| Potential archaeological deposit (PAD) | <p>An area where Aboriginal objects may occur below the ground surface.</p> <p>The term ‘potential archaeological deposit’ was first applied in Sydney regional archaeology in the 1980s and referred to rock shelters that were large enough and contained enough accumulated deposit to allow archaeologists to predict that subsurface cultural material was likely to be present. Since then the term has come to include open sites where the same prediction can be made.</p> <p>EMM has defined PADs as the predicted extent of concentrated subsurface Aboriginal objects in a particular area. PADs are not technically Aboriginal sites until, and if, subsurface Aboriginal objects are identified, which is typically established through archaeological test excavation. PAD areas have been assigned to landforms that are distinguishable from the surrounding landscape (eg elevated areas with good outlook overlooking watercourses) as being likely to retain higher artefact densities than the assumed ‘background scatter’ of archaeological material in the broader landscape.</p> <p>The identification of PADs associated with Aboriginal open camp sites was partly based on observations in the field and discussions with RAPs, but also related to the predictive model. Although PAD was attributed to areas for a variety of reasons, the main qualifiers were:</p> <ul style="list-style-type: none"> <li>• The presence of surface artefacts or other Aboriginal objects. Ground surface visibility as part of the archaeological survey effort was typically considered high enough in each PAD area to identify at least one or more surface artefacts thereby indicating likelihood of subsurface potential. Notwithstanding, finding no visible surface artefacts in an area would not disqualify an area from being attributed with PAD.</li> <li>• Level to gently inclined ground (&lt;10%) indicating suitable camping or activity areas.</li> <li>• Contours that distinguish the landforms with PAD from the surrounding landscape (eg spur crest, hill crest or knoll). Landform boundaries were also interpreted through observations in the field. Notably, rocky crest landforms that were protected from intensive cultivation were often attributed with PAD.</li> <li>• Proximity to water: typically up to 100 m from 1<sup>st</sup> and 2<sup>nd</sup> order streams and up to 200 m from 3<sup>rd</sup> order streams and above. Elevated landforms at the confluence of higher order streams were also more likely to be attributed with PAD.</li> </ul> <p>EMM acknowledges that all PAD areas have been historically cleared of native vegetation and some have been subject to pasture improvements such as ploughing. As such, the term PAD does not assume high subsurface integrity; instead it is a prediction of potential subsurface artefact concentrations.</p> <p>All stone quarry sites are predicted to have PAD. The assumption is that in most cases the visible surface material at quarries is represented by larger artefacts (such as cores) and that smaller material (eg flakes) is likely to be buried.</p> |
| Restricted                             | <p>Site information contained in the Aboriginal Heritage Information Management System is available only to certain authorised groups of people, as requested by the Aboriginal community. Detailed information may not be available in search reports.</p>  |
| Shell                                  | <p>An accumulation or deposit of shellfish from beach, estuarine, lacustrine or riverine species resulting from Aboriginal gathering or consumption. Usually found in deposits previously referred to as shell middens. Must be found in association with other objects like stone tools, fish bones, charcoal, fireplaces/hearths, and burials. Will vary greatly in size and composition.</p>  |

**Table C.1**      **Site definitions and recording**

| Site feature | Definition and recording methods   |
|--------------|--|
| Stone quarry | <p>Usually a source of good quality stone which is quarried and used for the production of stone tools.</p> <p>Stone quarries represent where Aboriginal people gathered raw stone materials for stone tools and/or manufactured stone tools from the adjacent source material. Quarry sites are found at rock outcrops where the material was of suitable quality to have been used to manufacture stone tools. Stone quarries were defined by the presence of outcropping stone material with nearby evidence of the same material type used in the stone tool manufacture process. This was most commonly indicated by large stone cores or stone flakes distributed amongst the same naturally outcropping material.</p> <p>EMM acknowledges that the 'open stone artefact' site type shares some of the same characteristics as 'stone quarries', such as the presence of stone artefacts. However, they have been distinguished from each other because quarries can not only represent open camping activities, but also a fixed location where Aboriginal people needed to visit to extract a resource. In contrast, the location of typical open camp sites were not fixed but chosen by Aboriginal people for their favourable conditions.</p> |