



Aldington and Abbots Road, and Mamre and Abbots Road Intersection Upgrades
Aboriginal Cultural Heritage Assessment

FINAL REPORT

Prepared for AT&L

13 May 2024

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- AT&L: Debbie Fransen.
- Fife Capital: Richard Harris.

Biosis staff involved in this project were:

- Bronte Baonza (assistance in the field).
- Henri Liswoyo (mapping).

Biosis acknowledges the Aboriginal and Torres Strait Islander peoples as Traditional Custodians of the land on which we live and work.

We pay our respects to the Traditional Custodians and Elders past and present and honour their connection to Country and ongoing contribution to society.

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Summary

Biosis Pty Ltd (Biosis) was commissioned by AT&L to undertake an Aboriginal Cultural Heritage Assessment (ACHA) for the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek, New South Wales (NSW) (the study area). This ACHA will support a State Significant Development (SSD) application under Part 4.36 of the *Environmental Planning & Assessment Act 1979* (EP&A Act).

Consultation

The Aboriginal community was consulted regarding the heritage management of the project throughout its lifespan. Consultation has been undertaken as per the process outlined in the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements) (Appendix 1). The appropriate government bodies were notified, and advertisements placed in the *Western Weekender* newspapers (19 January 2024), which resulted in the following Aboriginal organisations registering their interest (Table 1):

Table 1 List of registered Aboriginal parties and group contact

No.	Organisation	Contact person
1	A1 Indigenous Services	Carolyn Hickey
2	Amanda Hickey	Amanda Hickey
3	Bariyan Cultural Connection	Kayelene Terry
4	Barraby Cultural Service	Lee Field
5	Bill Trewlynn	Bill Trewlynn
6	Butucarbin Aboriginal Corporation	Jennifer Beale
7	Confidential Party 1	N/A
8	Confidential Party 2	N/A
9	Damo digs	Damien Morrison
10	Darug Custodian Aboriginal Corporation	Justine Coplin
11	Deerubbin Local Aboriginal Land Council	Kevin Cavanagh
12	Didge Ngunawal Clan	Lillie Carroll
13	Goobah Development Pty Ltd (Murrin Clan/Peoples)	Basil Smith
14	Guntawang Aboriginal Resources Incorporated	Wendy Morgan
15	Kamilaroi Yankuntjatjara Working Group	Phil Khan
16	Konanggo Aboriginal Cultural Heritage Services	Robert Young
17	Long Gully Cultural Services	Ethan Trewlynn
18	Muragadi Heritage Indigenous Corporation	Jesse Johnson
19	Ninum	Peal Depoma
20	Waawaar Awaa Aboriginal Corporation	Rodney Gunther

No.	Organisation	Contact person
21	Wailwan Aboriginal Group	Philip Boney
22	Wallanbah Aboriginal Site Conveyancing	Kelvin Boney
23	Widescope Indigenous Group	Steven Hickey
24	Yulay Cultural Services	Arika Jalomaki
25	Yurrandaali	Bo Field
26	Nattai Aboriginal Culture & Heritage Consultation Service	Alan Medhurst
27	Thomas Dahlstrom	Thomas Dahlstrom
28	Murra Bidgee Mullangari Aboriginal Corporation	Darleen Johnson

A search conducted by the Office of the Registrar, *Aboriginal Land Rights Act 1983* listed no Aboriginal Owners with land within the study area. A search conducted by the National Native Title Tribunal (NNTT) listed no Registered Native Title Claims, Unregistered Claimant Applications or Registered Indigenous Land Use Agreements within the study area.

Upon registration (Appendix 2), the Aboriginal parties were invited to provide their knowledge on the study area and on the proposal provided in the methodology (Appendix 3). The responses identify Kemps Creek as an area of high significance. Responses from the Registered Aboriginal Parties (RAPs) are included in Appendix 3.

Site officers from elected RAPs participated in the field investigation and did not provide comment on the study area with regard to the proposal.

The outcome of the consultation process was that the RAPs considered the study area to have a high level of cultural significance, although that significance was not clearly defined, and specific examples were not provided. The results of the consultation process are included in this document Appendix 4.

The recommendations that resulted from the consultation process are provided below.

Results

The ACHA assessment undertook background research for the proposed study area. Key considerations arising from the background research include:

- Previous predictive modelling conducted for the Cumberland Plain and Kemps Creek region indicates that the most important factor for site distribution in this landscape is distance to water (AMBS 2012, White, B & McDonald, J 2010, Brayshaw McDonald Pty Ltd 1994a, McDonald, J & Rich, E 1993). The study area is located within proximity to a second-order non-perennial creek line and has two first-order creek lines crossing it. It is also in proximity to Kemps Creek, a fourth-order perennial water course. The presence of a ample water sources in proximity to the study area indicates that food resources were readily accessible (JMCHM 2000, p.19).
- The Luddenham soil landscape underlays most of the study area and has erosional soil deposits that have the potential to contain in situ archaeological deposits in areas subjected to low levels of disturbance.
- Previous archaeological assessments in the local area identified artefact sites are the most common site type followed by Potential Archaeological Deposits (PADs).

- A search of the Aboriginal Heritage Information Management System (AHIMS) database (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. Three sites are located within the study area: AHIMS 45-5-5747/270 Aldington Road AS02, AHIMS 45-5-5692/Aldington Road IF01 and AHIMS 45-5-5607/Aldington Road 01.

An archaeological survey was conducted on 15 March 2024 by Crystal Garabedian (Biosis, Heritage Consultant), Bronte Baonza (Biosis, Graduate Heritage Consultant) and Kurt Brenner (Kamilaroi Yankuntjatjara Working Group, Cultural Sites Officer). The overall effectiveness of the survey for examining the ground for Aboriginal sites was deemed low. This was attributed to vegetation cover and the roads restricting ground surface visibility combined with low exposure. Parts of Mamre Road and Abbots Road were not surveyed due to safety concerns related to heavy vehicles travelling at high speeds on these roads, however a survey of these portions of the roads would be unlikely to impact the outcome of the assessment. During the field investigation no Aboriginal sites or objects were identified. The results of the field investigation coupled with the background research determined that the study area has low potential to contain archaeological deposits. This was due to unfavourable landforms present and high level of disturbances along Aldington, Abbots and Mamre Road, including the roads, construction sites, residential developments, driveways, utilities, and erosion furthered by water run-off and traffic.

Biosis (2023b) assessed all three sites within the study area as possessing low archaeological significance. The bulk excavation and modification of the landforms within the study area will result in a partial loss of value (Table 2).

Table 2 Site details

Site name	Site type	Significance	Type of harm before mitigated	Consequence of unmitigated harm	Consequence of mitigated harm	Site specific recommendations
AHIMS 45-5-5747/270 Aldington Road AS02	Artefact scatter	Low	Direct	Partial loss of value	Impact cannot be avoided	Impacts cannot be avoided a CHMP will be required. No further archaeological investigation is recommended.
AHIMS 45-5-5692/Aldington Road IF01	Isolated artefact	Low	Direct	Total loss of value	Impact cannot be avoided	Impacts cannot be avoided a CHMP will be required. No further archaeological investigation is recommended.
AHIMS 45-5-5607/Aldington Road 01	Isolated artefact	Low	Direct	Total loss of value	Impact cannot be avoided	Impacts cannot be avoided a CHMP will be required. Community collection is recommended.

Management recommendations

Prior to any development impacts occurring within the study area, the following is recommended:

Recommendation 1: Development of a Cultural Heritage Management Plan

As per Section 4.41 of the EP&A Act, an Aboriginal Heritage Impact Permit (AHIP) under the *National Parks and Wildlife Act 1974* (NPW Act) is not required for SSD projects authorised by a development consent. All works must be conducted in accordance with the SSD consent conditions.

It is recommended a Cultural Heritage Management Plan (CHMP) be included in the Construction Environmental Management Plan (CEMP) that is being developed for the study area. The CHMP will aid to appropriately manage Aboriginal cultural heritage identified within the study area and would include unanticipated finds protocols and a heritage induction to be undertaken by the site personnel prior to works.

The CHMP must be prepared by a suitably qualified heritage consultant in consultation with the Registered Aboriginal Parties (RAPs) for the project.

Recommendation 2: Community collection of AHIMS 45-5-5607/Aldington Road 01

It is recommended that community collection of the isolated surface artefact from site AHIMS 45-5-5607/Aldington Road 01 be undertaken. The methodology for this collection should be included in the CHMP for the project.

Recommendation 3: Areas identified as having low archaeological potential

No further investigations are required for areas assessed as having low archaeological potential. This recommendation is conditional upon Recommendations 4 to 7.

Recommendation 4: Discovery of Unanticipated Aboriginal Objects

All Aboriginal objects and Places are protected under the NSW NPW Act. It is an offence to knowingly disturb an Aboriginal site without a consent permit issued by the Heritage NSW. Should any Aboriginal objects be encountered during works associated with this proposal, works must cease in the vicinity and the find should not be moved until assessed by a qualified archaeologist. The anticipated Aboriginal object will then be the subject of the appropriate process outlined in the CHMP.

Recommendation 5: Discovery of Unanticipated Historical Relics

Relics are historical archaeological resources of local or State significance and are protected in NSW under the *Heritage Act 1977* (Heritage Act). Relics cannot be disturbed except with a permit or exception/exemption notification. Should unanticipated relics be discovered during the course of the project, work in the vicinity must cease and an archaeologist contacted to make a preliminary assessment of the find. The Heritage Council will require notification if the find is assessed as a relic.

Recommendation 6: Discovery of Aboriginal Ancestral Remains

Aboriginal ancestral remains may be found in a variety of landscapes in NSW, including middens and sandy or soft sedimentary soils. If any suspected human remains are discovered during any activity, you must:

1. Immediately cease all work at that location and not further move or disturb the remains.
2. Notify the NSW Police and Heritage NSW Environmental Line on 131 555 as soon as practicable and provide details of the remains and their location.
3. Not recommence work at that location unless authorised in writing by Heritage NSW.

Recommendation 7: Continued consultation with the registered Aboriginal stakeholders

As per the consultation requirements, it is recommended that the proponent provides a copy of this draft report to the Aboriginal stakeholders and considers all comments received. The proponent should continue to inform these groups about the management of Aboriginal cultural heritage sites within the study area throughout the life of the project.

Abbreviations

ACHA	Aboriginal Cultural Heritage Assessment
ADDA	Aboriginal Due Diligence Assessment
AHIMS	Aboriginal Heritage Information Management System
AHIP	Aboriginal Heritage Impact Permit
AR	Archaeological Report
Biosis	Biosis Pty Ltd
BP	Before Present
CEMP	Construction Environmental Management Plan
CHMP	Cultural Heritage Management Plan
Consultation requirements	<i>Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010</i>
DECCW	Department of Environment, Climate Change and Water (now Heritage NSW)
DP	Deposited Plan
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
GDA	Geocentric Datum of Australia
GPS	Global Positioning System
Heritage NSW	Heritage NSW, Department of Climate Change, Energy, the Environment and Water
ICOMOS	International Council on Monuments and Sites
LALC	Local Aboriginal Land Council
LEP	Local Environmental Plan
LGA	Local Government Area
MGA	Map Grid of Australia
NNTT	National Native Title Tribunal
NPW Act	<i>National Parks and Wildlife Act 1974</i>
NPWS	National Parks and Wildlife Service
NSW	New South Wales
NTSCORP	Native Title Services Corporation
PAD	Potential Archaeological Deposit
RAPs	Registered Aboriginal Parties
SEPP	State Environmental Planning Policy
Study area	Defined as 244–270 Aldington Road (part of Lot 15, and Lot 16 and Lot 17 DP253503) NSW
The Code	<i>Code of Practice for the Archaeological Investigation of Aboriginal Objects in NSW</i>

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1 Introduction

1.1 Project background

Biosis has been commissioned by AT&L to undertake an ACHA of the Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek, NSW (study area) (Figure 1 and Figure 2). This ACHA will support an SSD application under Part 4.36 of the EP&A Act.

This report details the investigation, consultation and assessment of Aboriginal cultural heritage undertaken for the study area. The Archaeological Report (AR) in Appendix 5 details the findings of the archaeological investigations conducted as part of the ACHA. As required under Section 2.3 of the *Code of Practice for the Archaeological Investigation of Aboriginal Objects in NSW* (DECCW 2010b) (the Code), the AR provides evidence about the material traces of Aboriginal land use to support the conclusions and management recommendations in the ACHA.

1.2 Study area

The study area is located within the Penrith Local Government Area (LGA), Parish of Melville, County of Cumberland (Figure 1). The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, and is bounded by private property to the north, south, east, and west (Figure 2).

1.3 Proposed development

The proposed development will involve upgrades to Aldington Road, Abbots Road, the intersection of Mamre Road and Abbots Road and part of Mamre Road (Figure 3). This includes earthworks including cutting and filling along existing road corridor, refining and reinforcing the new infrastructure and installation of road signage.

1.4 Planning approvals

The proposed development will be assessed against Part 4.36 of the EP&A Act. Other relevant legislation and planning instruments that will inform this assessment include:

- Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).
- NSW NPW Act.
- *State Environmental Planning Policy (Transport and Infrastructure) 2021*.
- *State Environmental Planning Policy (Industry and Employment) 2021*.
- *State Environmental Planning Policy (Western Sydney Aerotropolis) 2020*.
- *Mamre Road Precinct Development Control Plan 2021* (MRP DCP).

1.4.1 Mamre Road Precinct Development Control Plan 2021

The MRP DCP aims to ensure that Aboriginal heritage values are managed appropriately to produce conservation outcomes for archaeological and culturally significant areas. The DCP has mapped areas of high

and moderate Aboriginal archaeological potential along Mamre Road; however, it was noted by Heritage NSW in their review of the DCP that the designations of potential were primarily based on a desktop assessment and predictive modelling with very limited field survey. The study area contains areas of moderate-high Aboriginal potential along sections of Aldington Road (Photo 1).

The DCP has a list of controls for completing assessments for Aboriginal heritage. For ground disturbing works this includes completing an ADDA for areas that have not yet been mapped or areas of low potential as a first step. If land is within or adjacent to land that contains a known Aboriginal cultural heritage site, assessments must consider and comply with the requirements of the NPW Act.

The DCP determines that an ACHA is required if the study area contains areas of moderate to high Aboriginal archaeological potential and that these areas would be impacted by the proposed development.

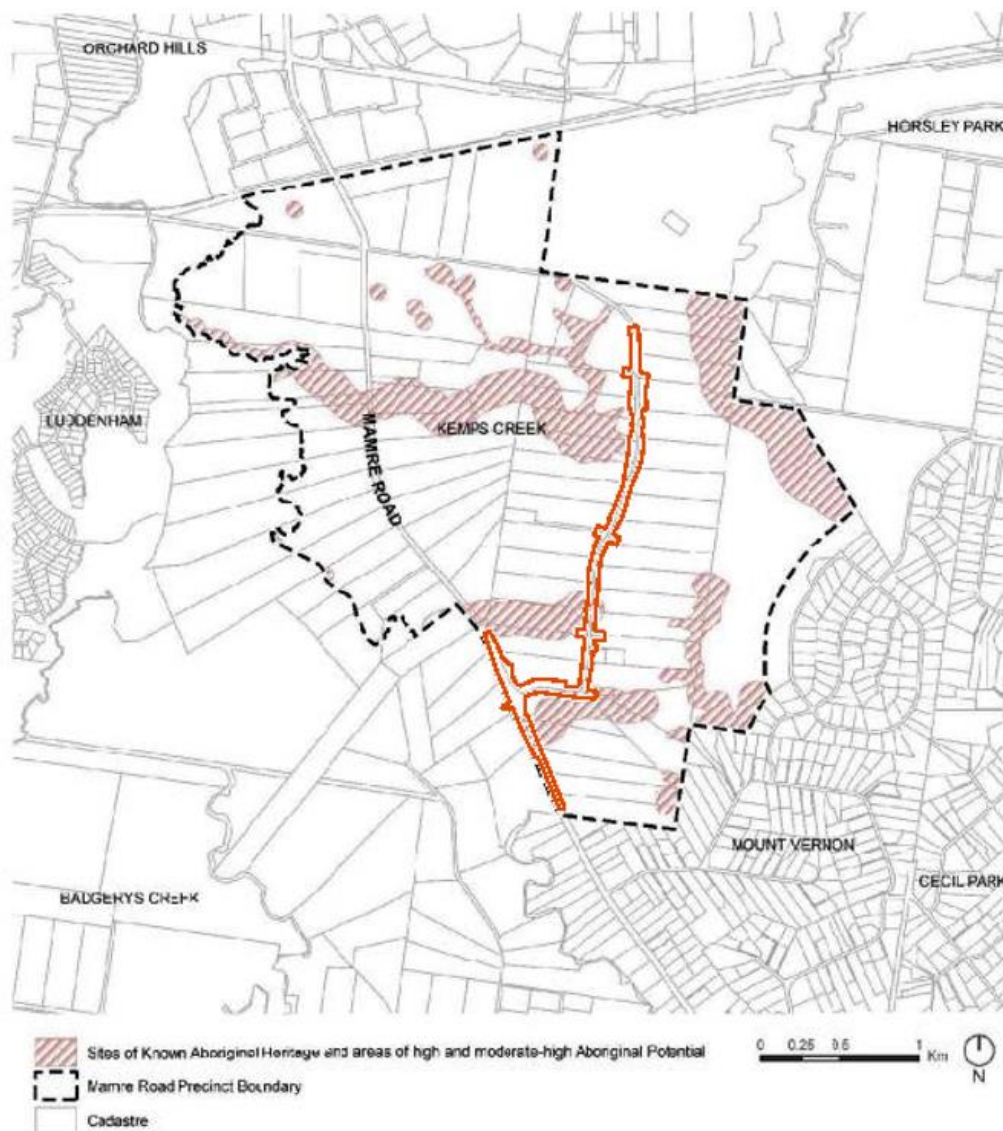


Photo 1 MRP DCP archaeological potential with the study area in red (Source: MRP DCP 2021)

1.5 Restricted and confidential information

Appendix 5 in the AR contains AHIMS information which is confidential and not to be made public. This is clearly marked on the title page for the Attachment.

1.6 Aboriginal cultural heritage

1.6.1 General description

It is generally accepted that people have inhabited the Australian landmass for the last 50,000 years (Clarkson et al. 2015). Dates of the earliest occupation of the continent by Aboriginal people are subject to continued revision as more research is undertaken. New evidence out of the Northern Territory has pushed this date back with the Malakanunja II rock shelter dated at around 65,000 years BP (before present) (Clarkson et al. 2017). The timing for the human occupation of the Sydney Basin is still uncertain. While there is some possible evidence for occupation of the region around 40,000 years ago, the earliest known radiocarbon date for the Aboriginal occupation of the Sydney Basin is associated with a cultural/archaeological deposit at Parramatta, which was dated to $30,735 \pm 407$ BP (JMCHM 2005).

Without being part of the Aboriginal culture and the productions of this culture, it is not possible for non-Aboriginal people to fully understand the meaning of site, objects, and places to Aboriginal people—only to move closer towards understanding this meaning with the help of the Aboriginal community. Similarly, definitions of Aboriginal culture and cultural heritage without this involvement constitute outsider interpretations.

With this preface Aboriginal cultural heritage broadly refers to things that relate to Aboriginal culture and hold cultural meaning and significance to Aboriginal people (DECCW 2010a, p. 3). There is an understanding in Aboriginal culture that everything is interconnected. In essence Aboriginal cultural heritage can be viewed as potentially encompassing any part of the physical and/or mental landscape, that is, 'Country' (DECCW 2010a, p. iii).

Aboriginal people's interpretation of cultural value is based on their 'traditions, observance, lore, customs, beliefs and history' (DECCW 2010a, p. 3). The things associated with Aboriginal cultural heritage are continually and actively being defined by Aboriginal people (DECCW 2010a, p. 3). These things can be associated with traditional, historical or contemporary Aboriginal culture (DECCW 2010a, p. 3).

1.6.2 Tangible Aboriginal cultural heritage

Three categories of tangible Aboriginal cultural heritage may be defined:

- Things that have been observably modified by Aboriginal people.
- Things that may have been modified by Aboriginal people, but no discernible traces of that activity remain.
- Things never physically modified by Aboriginal people (but associated with Dreamtime Ancestors who shaped those things).

1.6.3 Intangible Aboriginal cultural heritage

Examples of intangible Aboriginal cultural heritage would include memories of stories and 'ways of doing', which would include language and ceremonies (DECCW 2010a, p. 3).

1.6.4 Statutory

Currently Aboriginal cultural heritage, as statutorily defined by the NPW Act, consists of objects and places which are protected under Part 6 of the Act.

Aboriginal objects are defined as:

any deposit, object or material evidence...relating to the Aboriginal habitation of the area that comprises NSW, being habitation before or concurrent with (or both) the occupation of that area by persons of non-Aboriginal extraction, and includes Aboriginal remains

Aboriginal places are defined as a place that is or was of special Aboriginal cultural significance. Places are declared under Section 84 of the NPW Act.

1.6.5 Values

Aboriginal cultural heritage is valued by Aboriginal people as it is used to define their identity as both individuals and as part of a group (DECCW 2010a, p. iii). More specifically it is used:

- To provide a:
 - ‘Connection and sense of belonging to Country’ (DECCW 2010a, p. iii).
 - Link between the present and the past (DECCW 2010a, p. iii).
- As a learning tool to teach Aboriginal culture to younger Aboriginal generations and the general public (DECCW 2010a, p. 3).
- As further evidence of Aboriginal occupation prior to European settlement for people who do not understand the magnitude to which Aboriginal people occupied the continent (DECCW 2010a, p. 3).

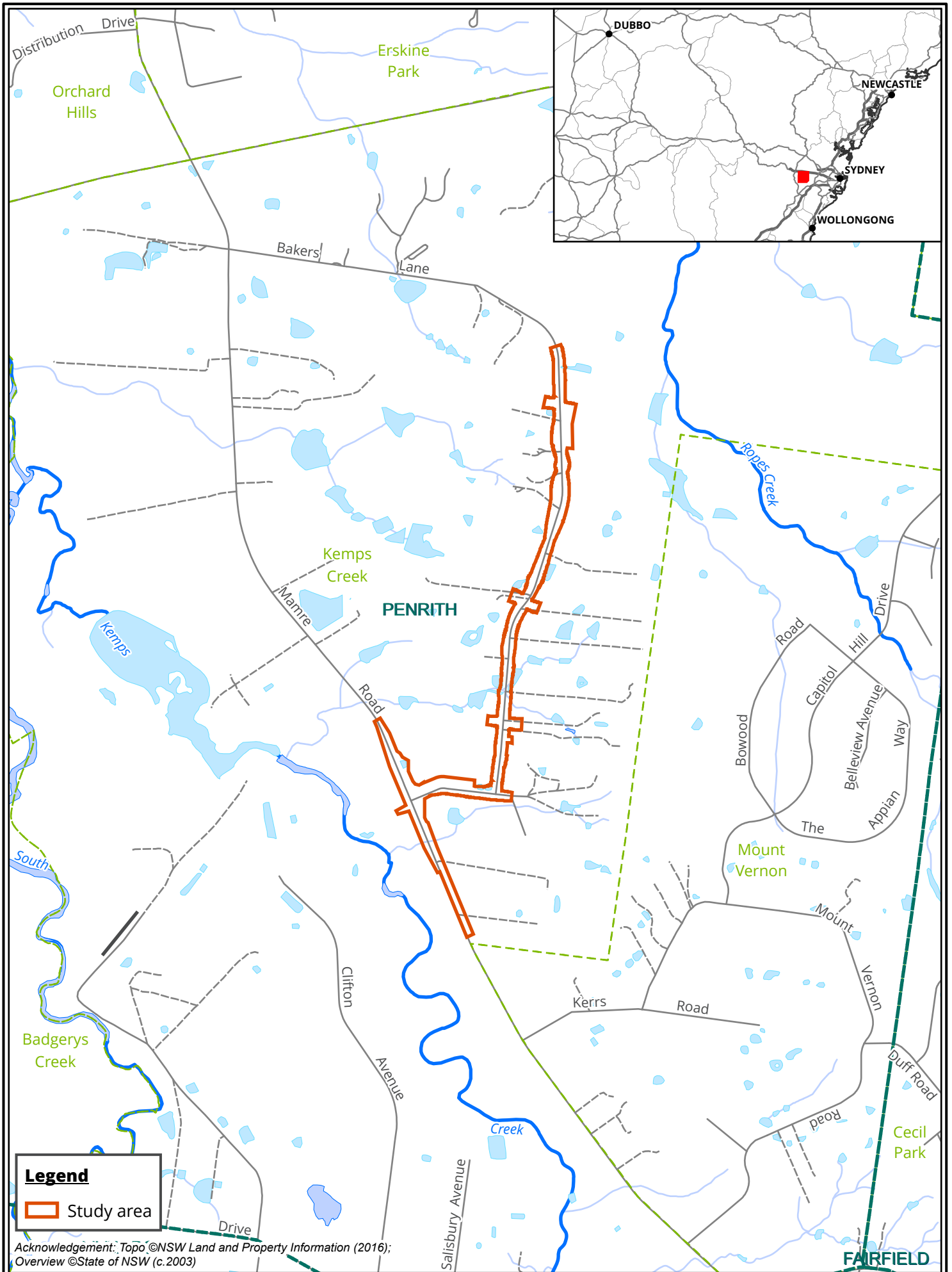
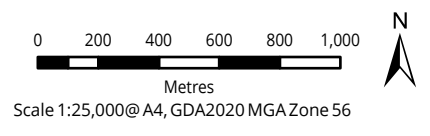
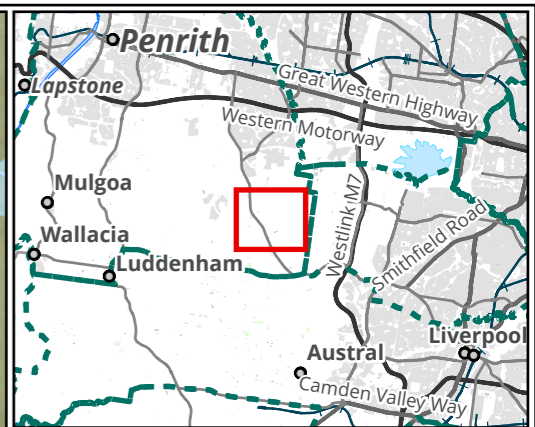


Figure 1 Location of the study area

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Legend

- Study area
- Lot

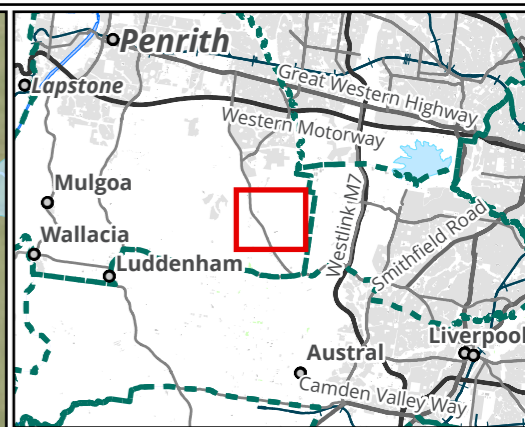
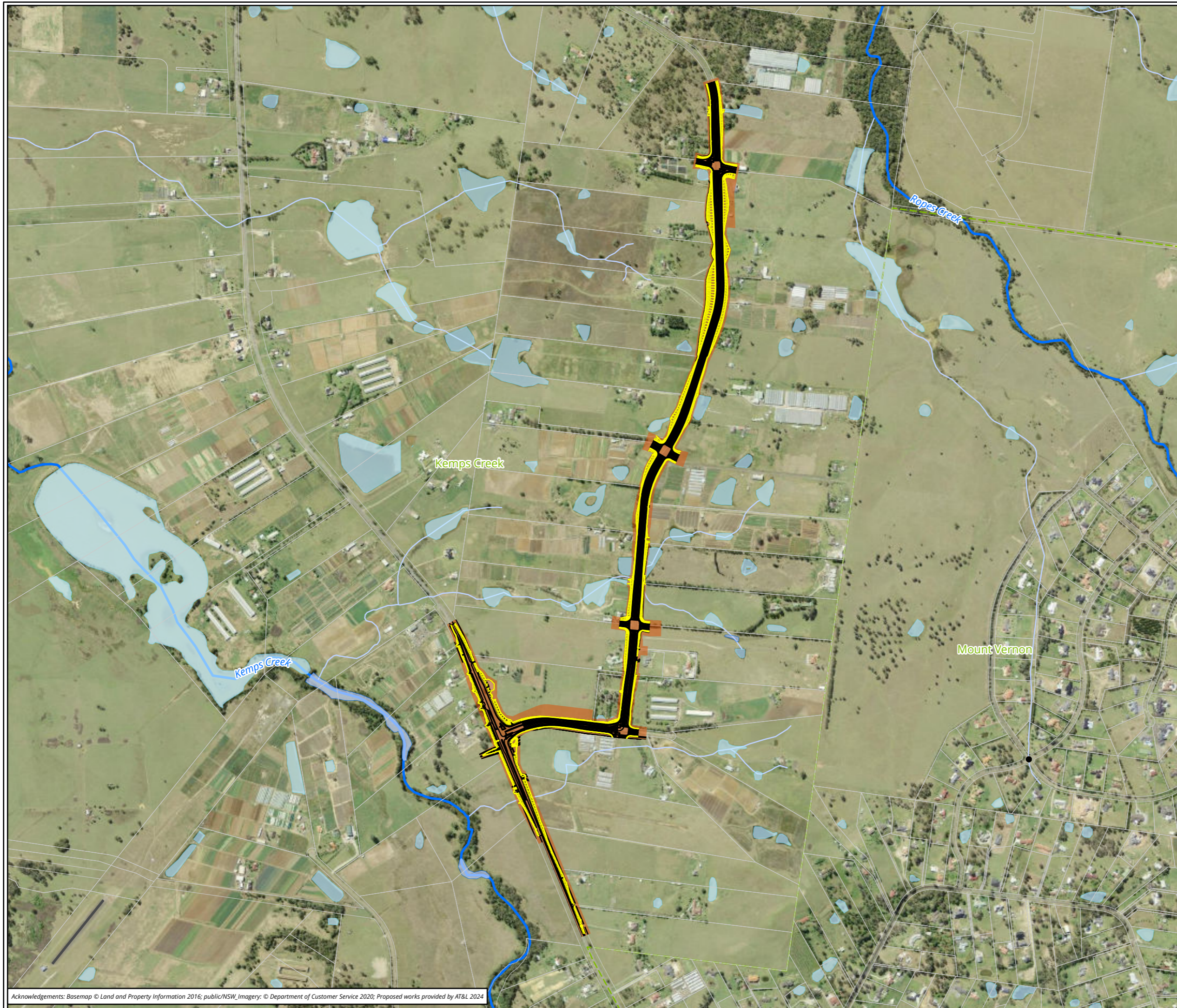
Figure 2 Study area detail

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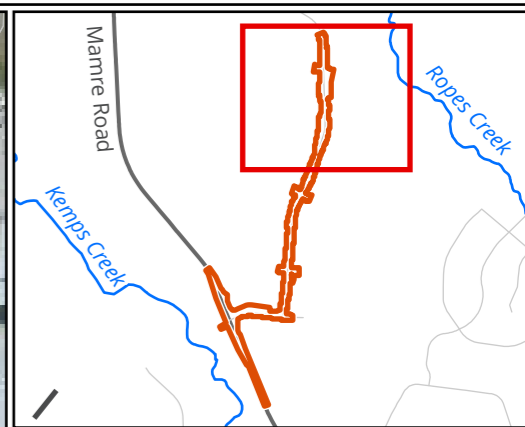
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- Study area
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 - Proposed works
- Proposed works (AT&L 2024)**

Figure 3.1 Proposed works

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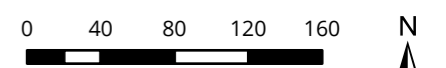


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- Legend**
- Study area
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- Proposed works (AT&L 2024)**

Figure 3.2 Proposed works

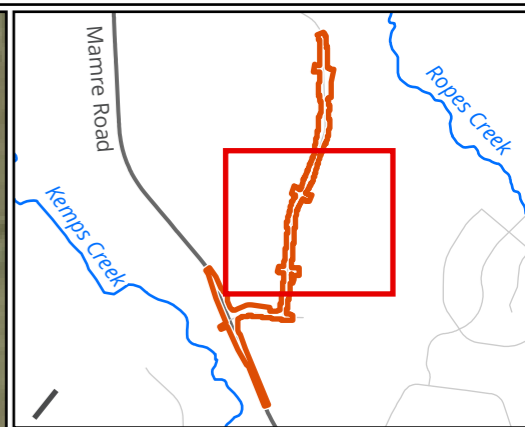


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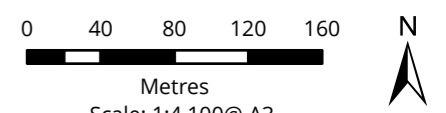
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- Legend**
- Study area
 - Proposed works (AT&L 2024)**
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 - Proposed works

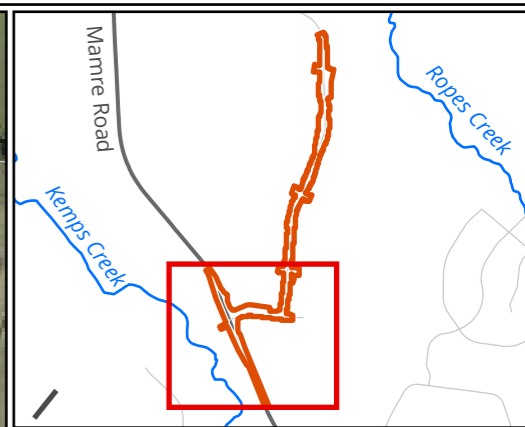
Figure 3.3 Proposed works



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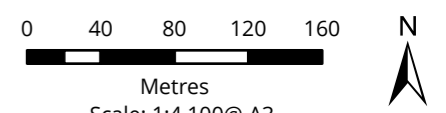


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 Prepared for: CG, Prepared by: HL, Last edited by: hliswoyo
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 Layout: 40309_F3_ProposedWorks1



- Legend**
- Study area
 - Batter
 - Proposed works

Figure 3.4 Proposed works



Metres
 Scale: 1:4,100@ A3
 Coordinate System:
 GDA2020 MGA Zone 56



Matter: 40309, Date: 12 April 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hliswoyo
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 Layout: 40309_F3_ProposedWorks1

2 Study area context

This section discusses the study area in regard to its landscape, environmental and Aboriginal cultural heritage context. This section should be read in conjunction with the AR attached in Appendix 5. The background research has been undertaken in accordance with the Code.

2.1 Topography and hydrology

The study area is located within the Cumberland Lowlands physiographic region, which consists of low lying and gently undulating plains and hills, with a dense drainage net of predominantly northward flowing channels (Bannerman & Hazelton 1990, p. 2). Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation consists of shales with pockets of occasional calcareous claystone, laminate, grey siltstone and infrequent coal deposits (Bannerman & Hazelton 1990, p. 28). Aboriginal artefact scatter sites are common across this formation, as are PADs. The lack of underlying sandstone geology in this area makes other varieties of sites such as rock shelters and engraving sites less common (JMCHM 2002). Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

Full details on topography and hydrology can be found in the AR in Appendix 5.

2.2 Soil landscapes

Soil landscapes have distinct morphological and topological characteristics that result in specific archaeological potential. Because they are defined by a combination of soils, topography, vegetation and weathering conditions, soil landscapes are essentially terrain units that provide a useful way to summarise archaeological potential and exposure.

The study area is located within the Luddenham and Blacktown soil landscapes. The Luddenham soil landscape is the dominant landscape within the study area, existing everywhere apart from the western border and is characterised as an erosional soil landscape. Erosional landscapes are generally subject to movement of shallow soils, which can result in poor preservation of the archaeological record. Dispersed and undisturbed sandy soils found within this landscape usually have a low erosion potential. However, when cleared of vegetation the soils typically experience high levels of erosion, can be shallow and highly permeable, and have low soil fertility. This could suggest that the presence of Aboriginal sites and objects may be unlikely where erosion has occurred (Chapman et al. 1989, pp. 64–7, McInnes 1997, p.45, cited by Umwelt (Australia) Pty Limited 2016, p. 13).

The study area is also located within the Blacktown soil landscape. It is contained within the westernmost portion of the study area and is characterised as a residual soil landscape. Residual soils form from the *in situ* weathering of bedrock material, resulting in slow accumulation of soils over long periods of time. Due to their age and slow accumulation, residual soil landscapes have reasonable potential to preserve archaeological deposits in an open context, such as stone artefacts derived from occupation sites.

Full details on soil characteristics can be found in the AR in Appendix 5.

2.3 Climate and rainfall

Climate and rainfall data provide use evidence to determine human occupation of a site or area. Often, changes in climatic pattern will affect the presence or likelihood that people would occupy a specific area. This climate data is from 2023 and has been supplied by the Australian Government Bureau of Meteorology from the Orchard Hills Treatment Works weather station (067084), approximately 7.4 kilometres from the study area (BOM 2024).

- The maximum mean temperature observed was in December with 28.4 degrees Celsius.
- The lowest mean temperature observed was in July with 17.2 degrees Celsius.
- On average, rainfall was highest in February with 113 millimetres observed across the month and lowest in September with 36.8 millimetres.

Based on modern climate data it is likely the study area would have provided a temperate area with high average rainfalls and proximity to permanent water sources, making it likely the area was seasonally occupied. This would also suggest the presence of Aboriginal sites is highly likely as a result.

2.4 Landscape resources

Within the Cumberland subregion of the Sydney Basin Bioregion a variety of vegetation types are present, with Grey Box *Eucalyptus microcarpa*, Forest Red Gum *E. tereticornis*, Narrow-leaved Ironbark *E. crebra* woodland, and Spotted Gum *Corymbia maculata* present on shale hills. Hard-Leaved Scribbly Gum *E. sclerophylla*, Rough-Barked Apple *Angophora floribunda* and Old Man Banksia *Banksia serrata* are identified on alluvial sands and gravels. Broad-Leaved Apple *Angophora subvelutina*, Cabbage Gum *E. amplifolia*, Forest Red Gum *E. tereticornis* and Swamp Oak *Casuarina glauca* are present on river flats. Tall Spike Rush *Eleocharis sphacelata*, and Juncus *Juncus effuses* and Parramatta Red Gum *E. parramattensis* are noted around lagoons and swamps (NPWS 2003, p. 193).

Native fauna that may have been present in the vicinity of the study area include Australian Wood Duck *Chenonetta jubata*, White-Faced Heron *Egretta novaehollandiae*, Eastern Long-Necked Tortoise *Chelodina longicollis*, Eastern Water Skink *Eulamprus quoyii*, Garden Skink *Lampropholis guichenoti*, Welcome Swallow *Hirundo neoxena*, Western Swamphen *Porphyrio porphyrio*, as well as arboreal fauna including owls *Strigiformes*, Ringtailed Possum *Pseudocheirus peregrinus* and Brushtailed Possums *Trichosrus vulpecula*, and gliders *Petauridae*.

Full details on landscape resources can be found in the AR in Appendix 5.

2.5 European land use history

Historical aerial imagery allows for modern developments and land use to be identified within the study area. Table 3 summarises the development of the study area with reference to the historical aerials, which can be found in the AR in Appendix 5.

Table 3 Summary of historical aerials

Aerial	Description
1947 (Photo 4 in the AR)	The 1947 aerial shows that Mamre Road has been constructed, and there has been extensive historical land clearing within the study area. Abbots and Aldington Roads have not yet been constructed. There are few areas of remaining trees located within the study

Aerial	Description
	area, and several tracks. No structures are present in the study area.
1965 (Photo 5 in the AR)	The 1965 aerial shows some change from the 1947 aerial, including the construction of a transmission line along what will become Aldington Road. More vegetation clearance has been undertaken, and several dams and access tracks have been constructed in the surrounds of the study area.
1975 (Photo 6 in the AR)	The 1978 aerial shows several developments, including the construction of Abbotts and part of Aldington Road. Mamre Road also appears to have been upgraded.
1978 (Photo 7 in the AR)	By 1991 there has been further development of the study area. Aldington Road has been extended and there has been additional vegetation removal at the northern portion of Aldington Road. Three houses have been constructed within the study area alignment. The surrounding area has become large lot market gardens with some greenhouses, and pastoral land still present. Several driveways, and dams have been constructed in the study area. The alignment of Mamre and Abbotts Roads have remained the same.
1986 (Photo 8 in the AR)	The 2005 aerial shows an increase in structures, landscaping around houses, construction of additional dams, and additional greenhouses and areas of cropping. The alignment of Aldington, Mamre and Abbotts Roads have remained the same.
1991 (Photo 9 in the AR)	Little change has occurred within the study area from 2005.
2005 (Photo 10 in the AR)	The 1947 aerial shows that Mamre Road has been constructed, and there has been extensive historical land clearing within the study area. Abbotts and Aldington Roads have not yet been constructed. There are few areas of remaining trees located within the study area, and several tracks. No structures are present in the study area.
Current (Figure 2)	The 1965 aerial shows some change from the 1947 aerial, including the construction of a transmission line along what will become Aldington Road. More vegetation clearance has been undertaken, and several dams and access tracks have been constructed in the surrounds of the study area.

3 Aboriginal cultural heritage context

3.1 Ethnohistory

Our knowledge of Aboriginal people and their land-use patterns and lifestyles prior to European contact is mainly reliant on documents written by non-Aboriginal people. These documents are affected by the inherent bias of the class and cultures of their authors, who were also often describing a culture that they did not fully understand - a culture that was in a heightened state of disruption given the arrival of settlers and disease. Early written records can however be used in conjunction with archaeological information and surviving oral histories from members of the Aboriginal community to gain a picture of Aboriginal life in the region.

Despite a proliferation of Aboriginal heritage sites there is considerable ongoing debate about the nature, territory, and range of pre-contact Aboriginal language groups in the greater Sydney region. These debates have arisen largely because, by the time colonial diarists, missionaries and proto-anthropologists began making detailed records of Aboriginal people in the late 19th century, pre-European Aboriginal groups had been broken up and reconfigured by European settlement activity. The following information relating to Aboriginal people on the Cumberland Plains is based on such early records.

There is some confusion relating to group names, which can be explained using differing terminologies in early historical references. Language groups were not the main political or social units in Aboriginal life. Instead, land custodianship and ownership centred on the smaller named groups that comprised the broader language grouping. There is some variation in the terminology used to categorise these smaller groups; the terms used by Attenbrow (2010) will be used here.

The study area is in the vicinity of three language groups, Dharawal, Gundungurra and the hinterland Darug. Attenbrow (2010, p. 34) suggests:

- The Gundungurra covered “the southern rim of the Cumberland Plain west of the Georges River, as well as the southern Blue Mountains”.
- The Dharawal covered “the south side of Botany Bay, extending as far as the Shoalhaven River; from the coast to the Georges River and Appin, possibly as far west as Camden”.
- The hinterland Darug covered the area “from Appin in the south to the Hawkesbury River in the north; west of the Georges River, Parramatta, the Lane Cove River and Berowra Creek”.

These areas are indicative only and would have changed through time.

After the arrival of European settlers, the movement of Aboriginal people became increasingly restricted. European expansion along the Cumberland Plain was swift and soon there had been considerable loss of land to agriculture. At the same time diseases such as smallpox were having a devastating effect on the Aboriginal population. Death, starvation, and disease were some of the disrupting factors that led to a reorganisation of the social practices of Aboriginal communities after European contact. The formation of new social groups and alliances were made as Aboriginal people sought to retain some semblance of their previous lifestyle.

3.2 Aboriginal heritage located in the study area

3.2.1 AHIMS search results

An extensive search of the AHIMS database was conducted on 12 January 2024 (Client service ID: 854166). The search identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area (Figure 4). Three sites are located within the study area: AHIMS 45-5-5747/270 Aldington Road AS02, AHIMS 45-5-5692/Aldington Road IF01 and AHIMS 45-5-5607/Aldington Road 01.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform in the western portion of the assessment area (Photo 2). The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area along Aldington Road (Figure 4). It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert (Photo 3). The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal flakes, two medial flakes, one multidirectional core and one manuport. Disturbances observed within the area relate to low intensity agriculture.



Photo 2 Location of AHIMS 45-5-5747/270 Aldington Road AS02 (Source: Biosis 2023b)



Photo 3 AHIMS 45-5-5747/270 Aldington Road AS02 (Source: Biosis 2023b)

AHIMS 45-5-5692/Aldington Road IF01

AHIMS 45-5-5692/Aldington Road IF01 was identified during an archaeological survey as part of a ADDA being completed by Biosis (2023c). The site was located on the mid-slope of a sloped landform, within a disturbed landscape, and is approximately 10 metres west of the current Biosis study area (Photo 4). It consisted of a single, silcrete multi-platform core with two complete flake scars (Photo 5). The artefact measured 34.18 millimetres in length, 28.36 millimetres in width, and 22.01 millimetres in thickness. The artefact was identified within vehicle tracks, on top of the topsoil layer.



Photo 4 Overview of AHIMS 45-5-5692/Aldington Road IF01, facing north-west (Source: Biosis 2023c)

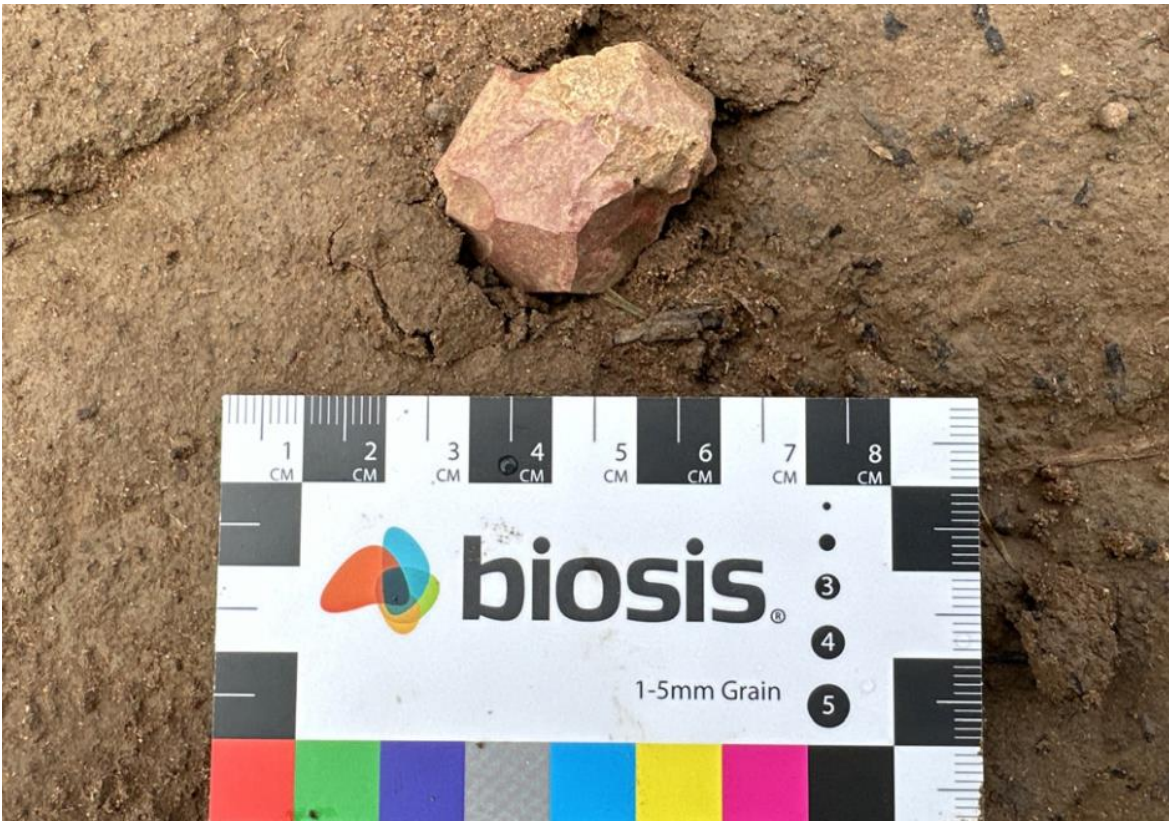


Photo 5 Artefact from AHIMS 45-5-5692/Aldington Road IF01 (Source: Biosis 2023c)

AHIMS 45-5-5607/Aldington Road 01

AHIMS 45-5-5607/Aldington Road 01 is an isolated artefact that was identified during a program of test excavations conducted by Austral Archaeology (2022). The site was located in an upper slope landform and contained a single silcrete proximal flake (Photo 6).

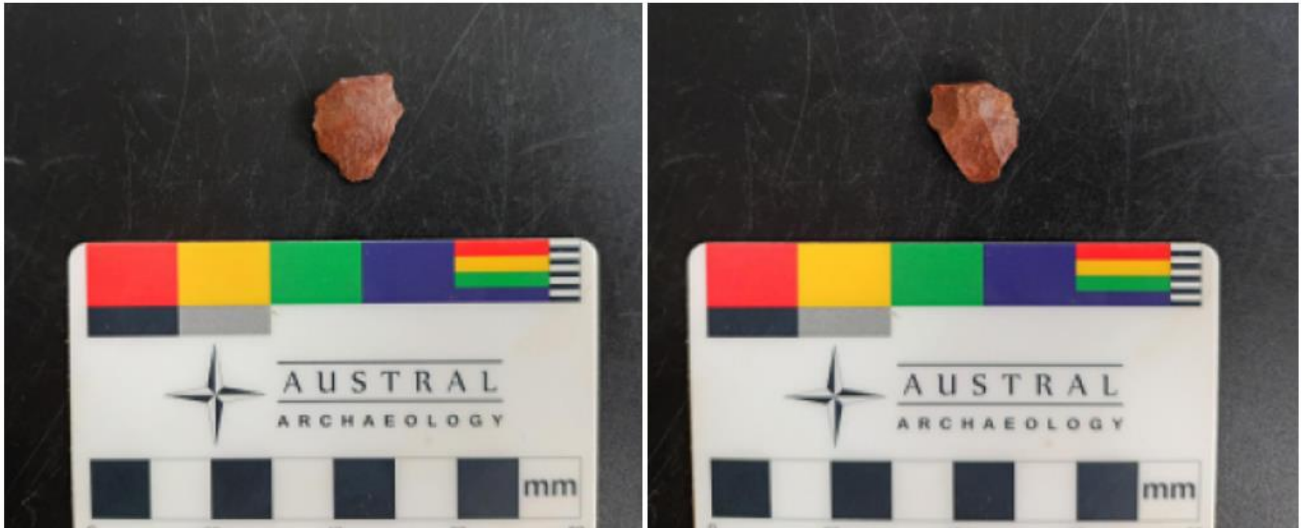


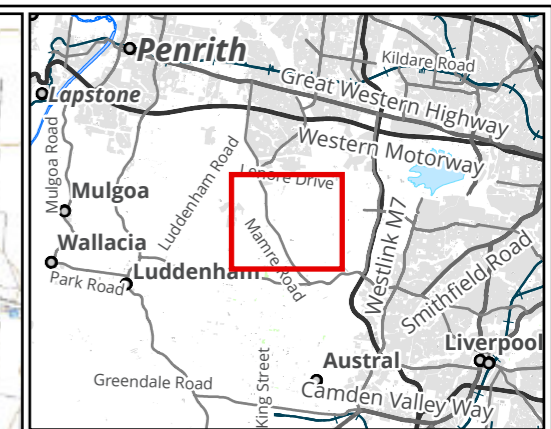
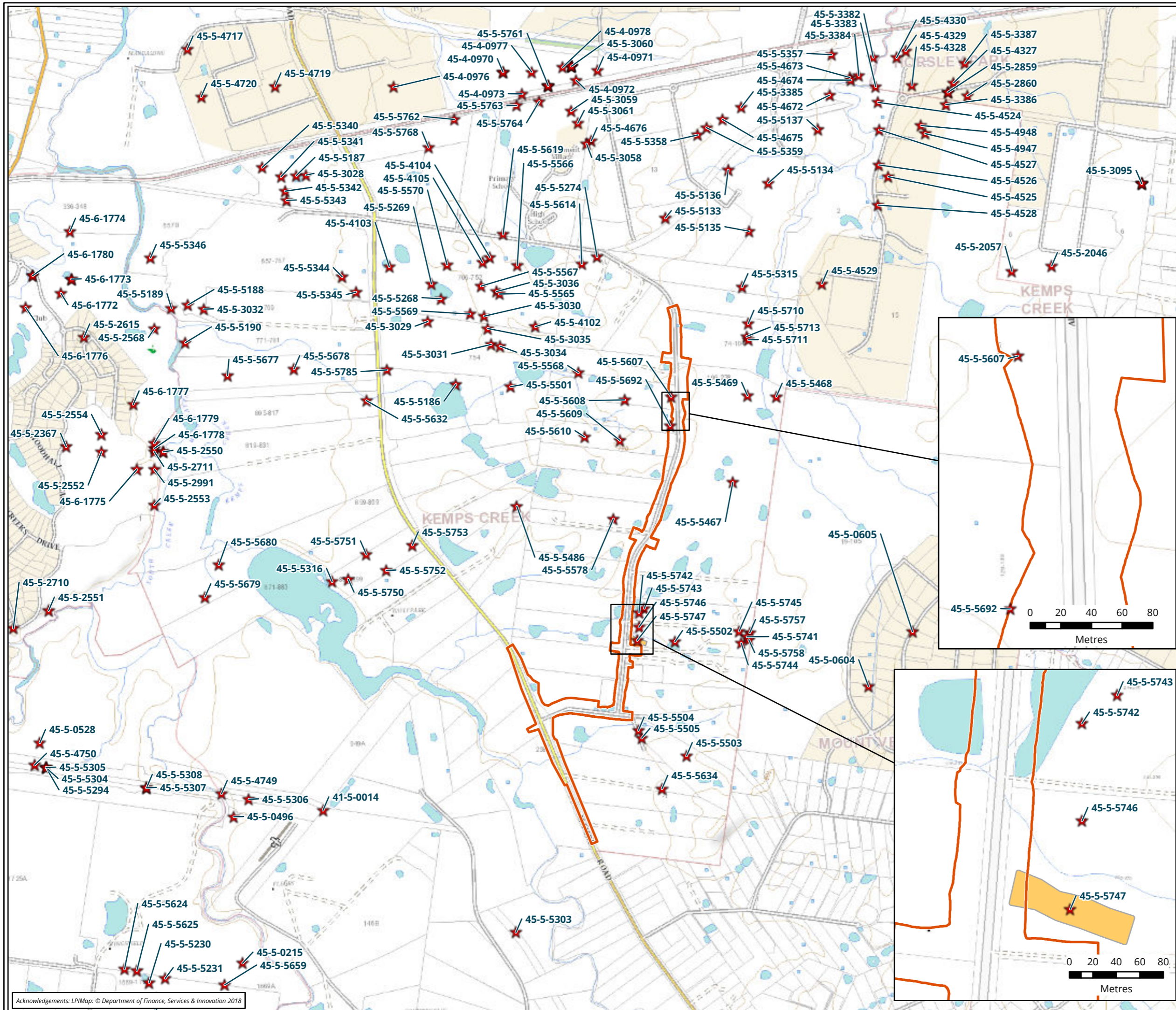
Photo 6 Artefact from AHIMS 45-5-5607/Aldington Road 01 (Source: AHIMS site card for AHIMS 45-5-5607)

3.3 Interpretation of past Aboriginal land use

The study area is situated within the Cumberland Lowlands which features undulating plains and low hills with dense drainage lines. The study area itself reflects this, possessing undulating moderately inclined slopes. The study area is underlain by the Bringelly shale geological unit, where artefact sites and PADs are common. Rock shelters and grinding grooves are less common within this unit due to the lack of sandstone geology.

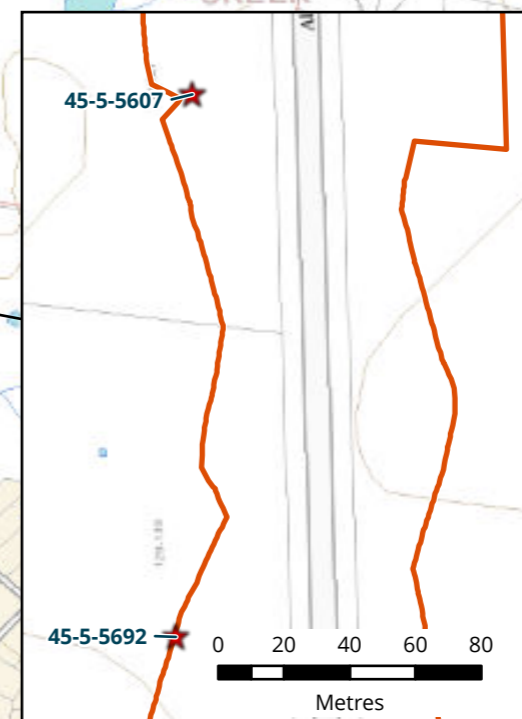
Streams located in the study area include two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that crosses Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. These water sources would have provided resources exploitable by Aboriginal people. The location of the study area in such proximity to Kemps Creek and its elevated landforms may suggest Aboriginal occupation in the past. This occupation may have occurred primarily during the early months of the year when the capacity of the creek was the greatest due to rainfall.

The European history of the Kemps Creek region is largely one of rural development. Early exploration and movement into the region accompanied early land grants which were subdivided and sold, not often developed. More recent aerial images show that study area was extensively developed with the addition of Aldington, Mamre and Abbots Roads, and infrastructure to support residential developments along these roads including driveways, telegraphs poles and subsurface services. These activities would have disturbed archaeological remains that exist within the study area. Tree clearing would have removed any modified trees and disturbed the top layer of soil due to uprooting.



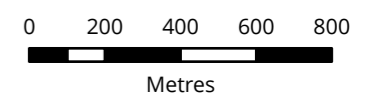
Legend

- Study area
- ★ AHIMS
- Site extent of AHIMS 45-5-5747



NOT TO BE MADE PUBLIC

Figure 4 Aboriginal sites within the vicinity of the study area



Scale: 1:20,000@ A3
Coordinate System:
GDA2020 MGA Zone 56



Matter: 40309, Date: 12 April 2024,
Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade_ACHA,
Layout: 40309_ACHA_F4_AHIMS

4 Aboriginal community consultation

Consultation with the Aboriginal community has been undertaken in compliance with the consultation requirements as detailed below. A consultation log of all communications with RAPs is provided in Appendix 1.

4.1 Stage 1: Notification of project proposal and registration of interest

4.1.1 Identification of relevant Aboriginal stakeholders

In accordance with the consultation guidelines, Biosis notified the following bodies regarding the proposal:

- Penrith City Council.
- Heritage NSW.
- NSW Native Title Services Corporation Limited.
- Office of the Registrar, *Aboriginal Land Rights Act 1983* of Aboriginal Owners.
- NNTT.
- Greater Sydney Local Land Services.
- Deerubbin Local Aboriginal Land Council (LALC).

A list of known Aboriginal stakeholders in the Kemps Creek region was provided by Heritage NSW (a copy of this response is provided in Appendix 2 and include:

- Nepean Blue Mountain Network
- A1 Indigenous Services
- Amanda Hickey Cultural Services
- Anthony Williams
- Aragung Aboriginal Cultural Heritage Site Assessments
- B.H. Heritage Consultants
- Badu (Murrin Clan/Peoples)
- Barking Owl Aboriginal Corporation
- Barraby Cultural Services
- Biamanga (Murrin Clan/Peoples)
- Bidjawong Aboriginal Corporation
- Bilinga (Murrin Clan/Peoples)
- Black Duck Aboriginal Corporation
- Butucarbin Aboriginal Corporation
- Minnamunnung
- Mundawari Heritage Consultants
- Munyunga (Murrin Clan/Peoples)
- Mura Indigenous Corporation (icn:8991)
- Muragadi Heritage Indigenous Corporation
Murra Bidgee Mullangari Aboriginal Corporation
- Murramarang (Murrin Clan/Peoples)
- Murrumbul (Murrin Clan/Peoples)
- Ngambaa Cultural Connections
- Nundagurri (Murrin Clan/Peoples)
- Pemulwuy (Murrin Clan/Peoples)
- Rane Consulting
- Thauaira
- Thawun Aboriginal Consultancy

- Clive Freeman
- Corroboree Aboriginal Corporation
- Cullendulla (Murrin Clan/Peoples)
- Darug Aboriginal Cultural Heritage Assessments
- Darug Boorooberongal Elders Aboriginal Corporation
- Darug Custodian Aboriginal Corporation
- Darug Land Observations
- Deerubbin Local Aboriginal Land Council
- Dharug (Murrin Clan/Peoples)
- Dharug Ngurra Aboriginal Corporation
- Dhinawan Culture & Heritage Pty Ltd
- Didge Ngunawal Clan
- DJMD Consultancy
- Galamaay Cultural Consultants (GCC)
- Gilay Consultants
- Ginninderra Aboriginal Corporation
- Goobah Development PTY LTD (Murrin Clan/Peoples)
- Goodradigbee Cultural & Heritage Aboriginal Corporation
- Gulaga
- Gunjeewong Cultural Heritage Aboriginal Corporation
- Guntawang Aboriginal Resources Incorporated
- Gunyuu (Murrin Clan/Peoples)
- HSB Consultants; HSB Heritage Consultants
- Jerringong (Murrin Clan/Peoples)
- Julia Narayan
- Kamilaroi Yankuntjatjara Working Group
- Konanggo Aboriginal Cultural Heritage Services
- Koori Digs Services
- Thomas Dahlstrom Offers ACH value by using 3D Laser and Drone technology
- Thoorga Nura
- Scott Franks on the behalf of the Wonnarua PBC
- Yarrawalk Pty Ltd
- Waawaar Awaa Aboriginal Corporation
- Wailwan Aboriginal Group
- Walbunja (Murrin Clan/Peoples)
- Walgalu (Murrin Clan/Peoples)
- Warragil Cultural Services
- Widescope Indigenous Group
- Wingikara (Murrin Clan/Peoples)
- Woka Aboriginal Corporation
- Wori Woilywa
- Wullung (Murrin Clan/Peoples)
- Wurrumay Pty Ltd
- Yerramurra (Murrin Clan/Peoples) and Taste of Tradition Native Aboriginal Corporation
- Yulay Cultural Services
- Yurrandaali
- Yurwang Gundana Consultancy Cultural Heritage Services.
- Bariyan Cultural Connections
- Wallanbah Aboriginal Site Conveyancing
- RAW Cultural Healing
- Gali Heritage Consultants
- Ninum
- Long Gully Cultural Services
- Guthers Aboriginal Corporation
- Damo digs
- Gadu chts
- Bill Trewlynn

- Minnamunnung
- Pearl Depoma
- Mundawari Heritage Consultants
- Nattai Aboriginal Culture & Heritage Consultation Service

A search conducted by the Office of the Registrar, *Aboriginal Land Rights Act 1983* (NSW) listed no Aboriginal Owners with land within the study area. A search conducted by the NNTT listed no Registered Native Title Claims, Unregistered Claimant Applications or Registered Indigenous Land Use Agreements within the study area.

4.1.2 Public notice

In accordance with the consultation guidelines, a public notification was placed in *The Western Weekender* (19 January 2024).

The advertisement invited Aboriginal people who hold cultural knowledge to register their interest in a process of community consultation to provide assistance in determining the significance of Aboriginal object(s) and/or places in the vicinity of the study area. A copy of the public notice is provided in Appendix 2.

4.1.3 Registration of Aboriginal parties

Aboriginal groups identified in Section 4.1.1 were sent a letter inviting them to register their interest in a process of community consultation to provide assistance in determining the significance of Aboriginal object(s) and/or places in the vicinity of the study area. In response to the letters and public notice, a total of 28 groups registered their interest in the project. Responses to registration from Aboriginal parties are provided in Appendix 3. A full list of Aboriginal parties who registered for consultation is provided below:

Table 4 List of registered Aboriginal parties

No.	Organisation	Contact person
1	A1 Indigenous Services	Carolyn Hickey
2	Amanda Hickey	Amanda Hickey
3	Bariyan Cultural Connection	Kayelene Terry
4	Barraby Cultural Service	Lee Field
5	Bill Trewlynn	Bill Trewlynn
6	Butucarbin Aboriginal Corporation	Jennifer Beale
7	Confidential Party 1	N/A
8	Confidential Party 2	N/A
9	Damo digs	Damien Morrison
10	Darug Custodian Aboriginal Corporation	Justine Coplin
11	Deerubbin Local Aboriginal Land Council	Kevin Cavanagh
12	Didge Ngunawal Clan	Lillie Carroll
13	Goobah Development Pty Ltd (Murrin Clan/Peoples)	Basil Smith
14	Guntawang Aboriginal Resources Incorporated	Wendy Morgan
15	Kamilaroi Yankuntjatjara Working Group	Phil Khan

No.	Organisation	Contact person
16	Konanggo Aboriginal Cultural Heritage Services	Robert Young
17	Long Gully Cultural Services	Ethan Trewlynn
18	Muragadi Heritage Indigenous Corporation	Jesse Johnson
19	Ninum	Peal Depoma
20	Waawaar Awa Aboriginal Corporation	Rodney Gunther
21	Wailwan Aboriginal Group	Philip Boney
22	Wallanbah Aboriginal Site Conveyancing	Kelvin Boney
23	Widescope Indigenous Group	Steven Hickey
24	Yulay Cultural Services	Arika Jalomaki
25	Yurrandaali	Bo Field
26	Nattai Aboriginal Culture & Heritage Consultation Service	Alan Medhurst
27	Thomas Dahlstrom	Thomas Dahlstrom
28	Murra Bidgee Mullangari Aboriginal Corporation	Darleen Johnson

4.2 Stage 2: Presentation of information about the proposed project

On 15 February 2024, Biosis provided RAPs with details about the proposed development works (project information pack). A copy of the project information pack is provided in Appendix 3.

4.3 Stage 3: Gathering information about cultural significance

4.3.1 Archaeological assessment methodology information pack

On 15 February 2024, Biosis provided each RAP with a copy of the project methodology pack outlining the proposed ACHA process and methodology for this project. RAPs were given 28 days to review and prepare feedback on the proposed methodology. A copy of the project methodology pack is provided in Appendix 3.

There were five responses received that were in support of the proposed methodology. Specific response details have been provided in Appendix 1.

4.3.2 Information gathered during fieldwork

No comments from RAPs were received at this stage of consultation.

4.4 Stage 4: Review of draft ACHA report

A copy of the draft ACHA and the proposed testing methodology were provided to RAPs on 10 May 2023 for review and comment. RAPs were given 28 days to provide comments in accordance with consultation requirements. Two responses were received as detailed below, and a record of all correspondence is provided in Appendix 4.

Comments were received from one group. Ninum [19] responded by email on 15 and 16 April 2024 providing thanks and stating that had reviewed the methodology, but no specific comments were provided.

5 Aboriginal cultural significance assessment

The two main values addressed when assessing the significance of Aboriginal sites are cultural values to the Aboriginal community and archaeological (scientific) values. This report will assess the cultural values of Aboriginal sites in the study area. Details of the scientific significance assessment of Aboriginal sites in the study area are provided in Appendix 5.

5.1 Introduction to the assessment process

Heritage assessment criteria in NSW fall broadly within the significance values outlined in the Australia International Council on Monuments and Sites (ICOMOS) *Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance* (Australia ICOMOS 2013) (the Burra Charter). This approach to heritage has been adopted by cultural heritage managers and government agencies as the set of guidelines for best practice heritage management in Australia. These values are provided as background and include:

- **Historical significance** (evolution and association) refers to historic values and encompasses the history of aesthetics, science and society, and therefore to a large extent underlies all of the terms set out in this section. A place may have historic value because it has influenced, or has been influenced by, a historic figure, event, phase or activity. It may also have historic value as the site of an important event. For any given place the significance will be greater where evidence of the association or event survives in situ, or where the settings are substantially intact, than where it has been changed or evidence does not survive. However, some events or associations may be so important that the place retains significance regardless of subsequent treatment.
- **Aesthetic significance** (Scenic/architectural qualities, creative accomplishment) refers to the sensory, scenic, architectural and creative aspects of the place. It is often closely linked with social values and may include consideration of form, scale, colour, texture, and material of the fabric or landscape, and the smell and sounds associated with the place and its use.
- **Social significance** (contemporary community esteem) refers to the spiritual, traditional, historical or contemporary associations and attachment that the place or area has for the present-day community. Places of social significance have associations with contemporary community identity. These places can have associations with tragic or warmly remembered experiences, periods or events. Communities can experience a sense of loss should a place of social significance be damaged or destroyed. These aspects of heritage significance can only be determined through consultative processes with local communities.
- **Scientific significance** (Archaeological, industrial, educational, research potential and scientific significance values) refers to the importance of a landscape, area, place or object because of its archaeological and/or other technical aspects. Assessment of scientific value is often based on the likely research potential of the area, place or object and will consider the importance of the data involved, its rarity, quality or representativeness, and the degree to which it may contribute further substantial information.

The cultural and archaeological significance of Aboriginal and historic sites and places is assessed on the basis of the significance values outlined above. As well as the Burra Charter significance values guidelines, various government agencies have developed formal criteria and guidelines that have application when assessing the significance of heritage places within NSW. Of primary interest are guidelines prepared by the Australian Government, Heritage NSW and the Heritage Branch, and the NSW Department of Planning and Environment. The relevant sections of these guidelines are presented below.

These guidelines state that an area may contain evidence and associations which demonstrate one or any combination of the Burra Charter significance values outlined above in reference to Aboriginal heritage. Reference to each of the values should be made when evaluating archaeological and cultural significance for Aboriginal sites and places.

In addition to the previously outlined heritage values, the Heritage NSW *Guidelines to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011) also specify the importance of considering cultural landscapes when determining and assessing Aboriginal heritage values. The principle behind a cultural landscape is that 'the significance of individual features is derived from their inter-relatedness within the cultural landscape'. This means that sites or places cannot be 'assessed in isolation' but must be considered as parts of the wider cultural landscape. Hence the site or place will possibly have values derived from its association with other sites and places. By investigating the associations between sites, places, and (for example) natural resources in the cultural landscape the stories behind the features can be told. The context of the cultural landscape can unlock 'better understanding of the cultural meaning and importance' of sites and places.

Although other values may be considered – such as educational or tourism values – the two principal values that are likely to be addressed in consideration of Aboriginal sites and places are the cultural/social significance to Aboriginal people and their archaeological or scientific significance to archaeologists and the Aboriginal community. The determinations of archaeological and cultural significance for sites and places should then be expressed as statements of significance that preface a concise discussion of the contributing factors to Aboriginal cultural heritage significance.

5.2 Cultural (social significance) values

Cultural or social significance refers to the spiritual, traditional, historical and/or contemporary associations and values attached to a place or objects by Aboriginal people. Aboriginal cultural heritage is broadly valued by Aboriginal people as it is used to define their identity as both individuals and as part of a group (DECCW 2010a, p. iii). More specifically it provides:

- A 'connection and sense of belonging to Country' (DECCW 2010a, p. iii).
- A link between the present and the past (DECCW 2010a, p. 3).
- A learning tool to teach Aboriginal culture to younger Aboriginal generations and the general public (DECCW 2010a, p. 3).
- Further evidence of Aboriginal occupation prior to European settlement for people who do not understand the magnitude to which Aboriginal people occupied the continent (DECCW 2010a, p. 3).

It is acknowledged that Aboriginal people are the primary determiners of the cultural significance of Aboriginal cultural heritage. During consultation the following information was provided by RAPs in regard to the cultural values of the study area.

Kamilaroi Yankuntjatjara Working Group [15] responded to project information and methodology pack on 11 March 2024 via email:

The study area is highly significant to our people for tens of thousands of years our people have cared for country and we continue to do so. With the vast ecosystems that make up the environment, that's rich with flora and fauna allowing Aboriginal people to thrive, with rich water ways that were utilised for daily activities.

5.3 Historic values

Historic significance refers to associations a place or object may have with a historically important person, event, phase, or activity to the Aboriginal and other communities. The study area is not known to have any historic associations. Therefore, this assessment has concluded that the study area has low historic significance.

5.4 Archaeological (scientific significance) values

An archaeological scientific assessment was undertaken for the study area and is presented in detail as part of the attached AR (Appendix 5). Background research identified the presence of a registered Aboriginal site within the study area; AHIMS 45-5-5747/270 Aldington Road AS02. This low density site is consistent with predictive modelling for gentle slope landforms in the area. Isolated artefacts and low density deposits are considered a common site type within the region with limited potential to contribute further information about Aboriginal occupation and land use within the local region. The archaeological significance of these sites has been assessed as low.

5.5 Aesthetic values

There is a diverse yet accessible literature regarding the identification of aesthetic values and determining aesthetic significance (Burke & Smith 2004, pp. 248–9). It is generally agreed that aesthetic values are an important part of cultural heritage significance; however, they are dependent on an individual's sensory response, which means determining aesthetic value is fraught with difficulty, and should be applied on a case-by-case basis as it is not always a value applicable to archaeological sites. However, when dealing with some types of sites aesthetic values and landscape context are an important consideration. The question 'does the place have a relationship between its parts and the setting which reinforces the quality of both', while originally proposed in an architectural context (Kerr 2013, p. 15), is relevant also for many sites in a local setting—such as in forests, deserts, or coastlines, where there is often an important relationship between cultural sites and the natural environment, which contribute to the values of a 'sense of place'.

The study area has been highly disturbed through land clearance and road, residential and industrial development. The vegetation clearance and other development surrounding the study area indicates that the aesthetic values have been altered from the original landscape before European settlement, and therefore has low aesthetic value.

5.6 Statement of significance

The significance of sites was assessed in accordance with the following criteria:

- Requirements of the Code.
- The Burra Charter.
- Guide to Investigating and Reporting on Aboriginal Heritage.

The combined use of these guidelines is widely considered to represent the best practice for assessments of Aboriginal cultural heritage. The identification and assessment of cultural heritage values includes the four values of the Burra Charter: social, historical, scientific and aesthetic values. The resultant statement of significance has been constructed for the study area based on the significance ranking criteria assessed in [Table 5](#).

5.6.1 Statement of significance for AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a low density sub-surface artefact scatter consisting of 31 lithic artefacts. The site extent covers an area of approximately 110 metres by 34 metres and was identified on a lower slope landform. This low density scatter is considered a common site type in the region with limited potential to contribute further information about Aboriginal occupation and land use within the local region. The archaeological significance of this site has been assessed as low. Discussions with the local Aboriginal communities reflect that the site is high in cultural in value. The site has no known direct historical associations and has low historical value. This site type occurs frequently within the region and the scientific significance of this site has been assessed as low. The site is located within the rolling green hills and pastoral landscape of Kemps Creek, though has been impacted by the housing development and agricultural facilities. This development and disturbance have altered the original landscape before European settlement, and therefore the site has low aesthetic value. The overall significance of this site has been assessed as low.

5.6.2 Statement of significance for AHIMS 45-5-5692/Aldington Road IF01

AHIMS 45-5-5692/Aldington Road IF01 is an isolated silcrete multi-platform core. The site was located on a mid-slope landform, within a disturbed landscape. This isolated artefact is considered a common site type in the region with limited potential to contribute further information about Aboriginal occupation and land use within the local region. The archaeological significance of this site has been assessed as low. The site has no known direct historical associations and has low historical value. This site type occurs frequently within the region and the scientific significance of this site has been assessed as low. The site is located within the rolling green hills and pastoral landscape of Kemps Creek, though has been impacted by the housing development and agricultural facilities. This development and disturbance have altered the original landscape before European settlement, and therefore the site has low aesthetic value. The overall significance of this site has been assessed as low.

5.6.3 Statement of significance for AHIMS 45-5-5607/Aldington Road 01 (from Austral Archaeology 2022)

This statement of significance is from the ACHA undertaken by Austral Archaeology (2022). A new statement of significance was not written as part of this assessment.

Aldington Rd 01 (AHIMS ID # 45-5-5607) consists of an isolated stone artefact recovered from a depth of between 0-20 cm in association with test pit TP_A1. The isolated sub-surface artefact consists of a proximal flake manufactured from red silcrete. The site measures approximately 0.25 m by 0.25 m and is located in an upper slope landscape context. The site represents one of the most common site types identified within the Cumberland Plain (i.e. Artefact sites) and comprises of an artefact manufactured from the most common raw material observed in assemblages from such sites (e.g. silcrete). Based on the isolated nature of the artefact, its fragmented nature and the lack of distinctive technological features and/or artefact types (retouched or utilised artefacts), the site is assessed as having low research potential and thus low scientific significance. Aldington Rd 01 (AHIMS ID# 45-5-5607) has been assessed to have low to no historic, aesthetic, social or spiritual significance (Austral Archaeology 2022).

Table 5 Significance assessment criteria

Site name	Criteria	Ranking
AHIMS 45-5-5747/270 Aldington Road AS02	Cultural— discussions with the local Aboriginal communities reflect that the site is high in value.	High
	Historical— the site is not connected to any historical event or personage.	Low
	Scientific— the site possesses some archaeological values.	Low
	Aesthetic— the site is located within the rolling green hills and pastoral landscape of Kemps Creek. It has been impacted by the housing development and agricultural facilities.	Low
AHIMS 45-5-5692/Aldington Road IF01	Cultural— discussions with the local Aboriginal communities reflect that the site is high in value.	High
	Historical— the site is not connected to any historical event or personage.	Low
	Scientific— the site possesses some archaeological values.	Low
	Aesthetic— the site is located within the rolling green hills and pastoral landscape of Kemps Creek. It has been impacted by the housing development and agricultural facilities.	Low
AHIMS 45-5-5692/Aldington Road IF01	Cultural— discussions with the local Aboriginal communities reflect that the site is high in value.	High
	Historical— the site is not connected to any historical event or personage.	Low
	Scientific— the site possesses some archaeological values.	Low
	Aesthetic— the site is located within the rolling green hills and pastoral landscape of Kemps Creek. It has been impacted by the housing development and agricultural facilities.	Low

6 Development limitations and mitigation measures

The proposed development will involve upgrades to Aldington Road, Abbots Road, the intersection of Mamre Road and Abbots Road and part of Mamre Road (Figure 3). The potential impacts of these works on Aboriginal heritage are presented below.

6.1 Predicted physical impacts

The proposed development will include earthworks such as cutting and filling along existing road corridor, refining and reinforcing the new infrastructure and installation of road signage. These works all heavily impact ground surfaces and will result in direct impacts to the Aboriginal sites within the study area (Figure 5). A summary of impacts is provided below in Table 6.

Table 6 Summary of potential archaeological impacts

AHIMS site no.	Site name	Significance	Type of harm	Degree of harm	Consequence of harm
AHIMS 45-5-5747	270 Aldington Road AS02	Low	Direct	Partial	Partial loss of value
AHIMS 45-5-5692	Aldington Road IF01	Low	Direct	Total	Total loss of value
AHIMS 45-5-5607	Aldington Road 01	Low	Direct	Total	Total loss of value

6.2 Ecologically Sustainable Development

One of the primary aims of the NP&W Act is the 'conservation of objects places and features ... of cultural value within the landscape, including ... places, objects and features of significance to Aboriginal people ...' ((s.2A(1)(b)(i)). The *Operational Policy: Protecting Aboriginal Cultural Heritage (Version 2)* (DECC NSW 2011) provides guidance to proponents in term of 1.1 Ecologically Sustainable Development (ESD).

ESD has been defined in Part 3, 6. (2) Objective of the Authority of the *Protection of the Environment Administration Act 1991* (NSW). This outlines that the ESD requires the integration of economic and environmental considerations (including cultural heritage) in the decision-making process. In regard to Aboriginal cultural heritage, ESD can be achieved by applying the principle of intergenerational equity and the precautionary principle.

Intergenerational equity

The principle of intergenerational equity states that the present generation should make every effort to ensure the health, diversity and productivity of the environment – which includes cultural heritage – for the benefit of future generations.

In terms of Aboriginal cultural heritage, intergenerational equity can be considered in terms of the 'cumulative impacts' of any proposal to Aboriginal objects and places. For example, if few Aboriginal objects and places remain in a region (because of harm authorised under previous AHIPs), fewer opportunities remain for future generations of Aboriginal people to enjoy the cultural benefits of those Aboriginal objects and places.

Information about the significance of Aboriginal cultural heritage values associated with the Aboriginal objects and places proposed to be harmed will be relevant to the consideration of intergenerational equity and an understanding of the cumulative impacts of a proposal.

Where there is uncertainty, the precautionary principle should also be followed (see below).

The precautionary principle

The precautionary principle states that the lack of full scientific certainty about the threat of harm should not be used as a reason for not taking measures to prevent harm from occurring.

In applying the precautionary principle, decisions should be guided by:

- *a careful evaluation to avoid, wherever practicable, serious or irreversible damage to the environment (which includes cultural heritage)*
- *an assessment of the risk-weighted consequences of various options. The precautionary principle is relevant to OEH consideration of potential harm to Aboriginal cultural heritage where:*
- *the proposal involves a risk of serious or irreversible harm to Aboriginal objects or places or to the value of those objects or places, and*
- *there is a lot of uncertainty about the significance of Aboriginal cultural heritage values of the Aboriginal objects or places proposed to be harmed.*

Where this is the case, a precautionary approach should be taken and all cost-effective measures implemented to prevent or reduce harm to the Aboriginal objects/place.

6.3 Management and mitigation measures

Ideally, heritage management involves conservation of sites through the preservation and conservation of fabric and context within a framework of ‘doing as much as necessary, as little as possible’ (Marquis-Kyle & Walker 1994, p. 13). In cases where conservation is not practical, several options for management are available. For sites, management often involves the salvage of features or artefacts, retrieval of information through excavation or collection—especially where impact cannot be avoided—and interpretation.

Avoidance of impact to archaeological and cultural heritage sites through design of the development is the primary mitigation and management strategy and should be implemented where practicable.

There is one AHIMS site that is partially present within the study area requiring management; AHIMS 45-5-5747/270 Aldington Road AS02 (Figure 5). The site is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted as part of an ACHA by Biosis (2023b). The site is located within a lower slope landform in the western portion of the assessment area, and the site extent intersects in part with the current Biosis study area (Figure 4). This site has been assessed as having low scientific significance, and considered a common site type in the region with limited potential to contribute further information about Aboriginal occupation and land use within the local region (Biosis 2023b). If the proposed works cannot avoid impacts to the sites located within the study area, then the following mitigation measures, which consider the principles of ESD and intergenerational equity in their design, are proposed:

Development of a Cultural Heritage Management Plan

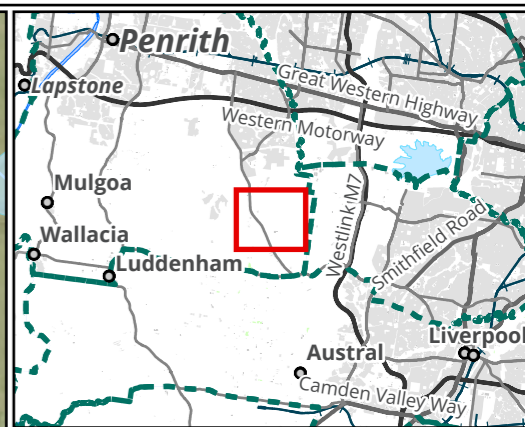
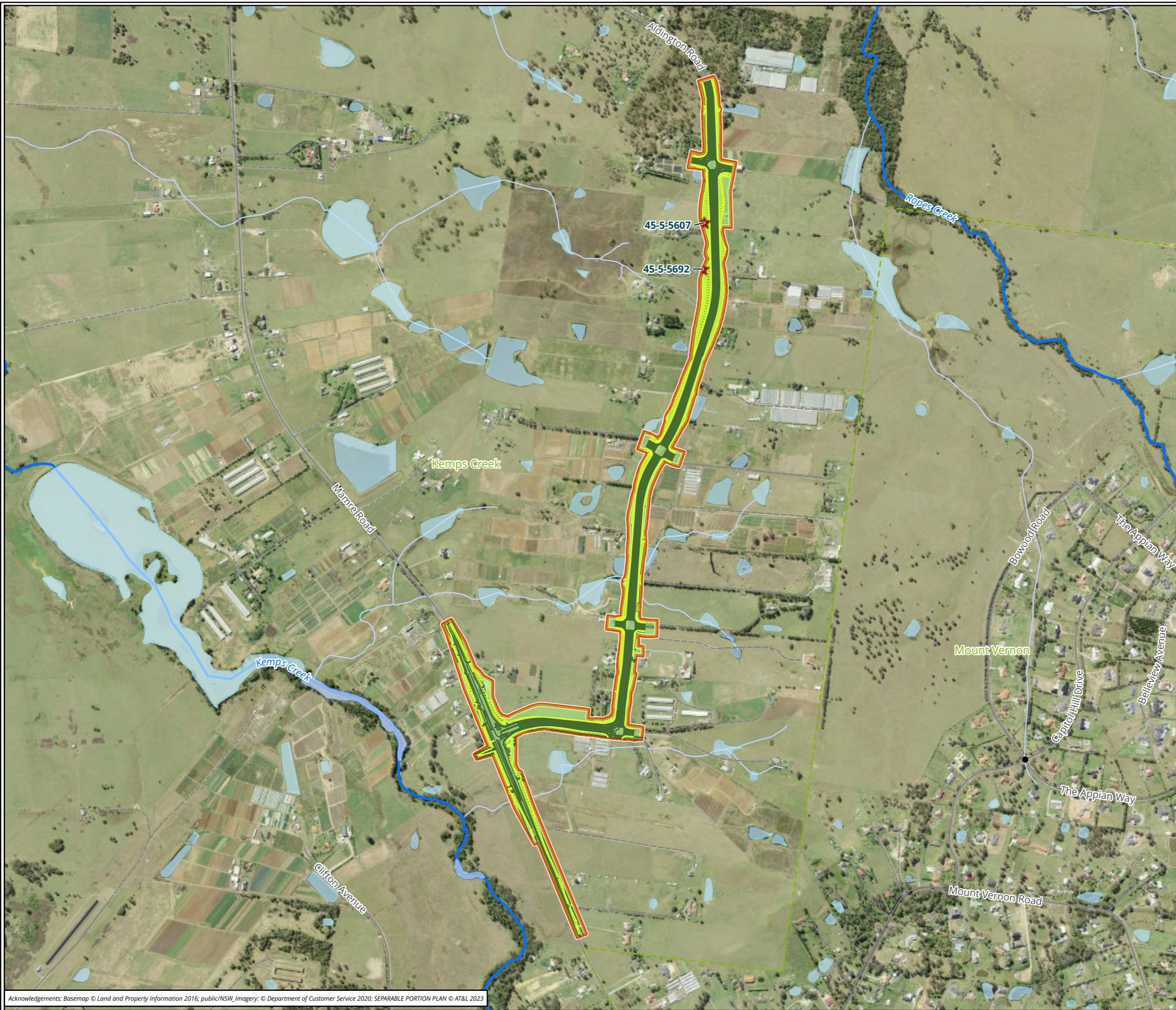
It is recommended a CHMP be included in the CEMP that is being developed for the study area. The CHMP will aid to appropriately manage Aboriginal cultural heritage identified within the study area. To ensure that any unexpected Aboriginal objects are treated appropriately, the CHMP would include a heritage induction to

be undertaken by the site personnel prior to works and an unexpected finds protocol, including protocol for the discovery of human remains, and included in the CEMP for the proposed development.

The CHMP must be prepared by a suitably qualified heritage consultant in consultation with the RAPs for the project.

Continued consultation

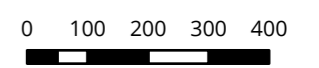
As per the consultation guidelines, the proponent provides a copy of this report to the RAPs and considers all comments received. The proponent should continue to inform these groups about the management of Aboriginal cultural heritage sites within the study area throughout the life of the project. The RAPs should be consulted regarding the long-term care of the artefacts.



- Legend**
- Study area
 - ★ AHIMS
 - Site extent of AHIMS 45-5-5747
- Archaeological potential**
- Low
- Proposed works (AT&L 2024)**
- Batter
 - Proposed works

NOT TO BE MADE PUBLIC

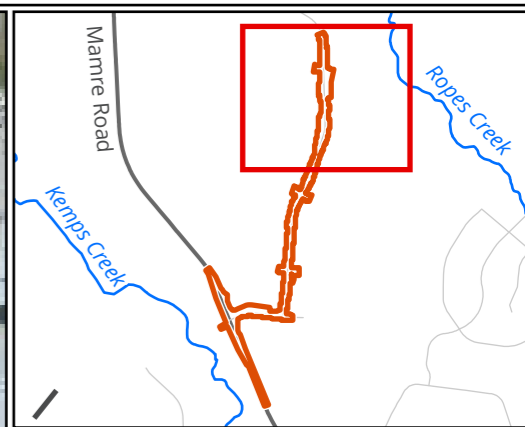
Figure 5.1 Impact assessment



Metres
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 Coordinate System:
 GDA2020 MGA Zone 56



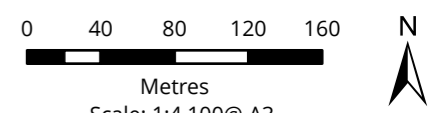
Matter: 40309, Date: 15 April 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hliswoyo
 Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade_ACHA,
 Layout: 40309_AR_F11_ImpactAssessment



- Legend**
- Study area
 - ★ AHIMS
- Archaeological potential**
- Low

NOT TO BE MADE PUBLIC

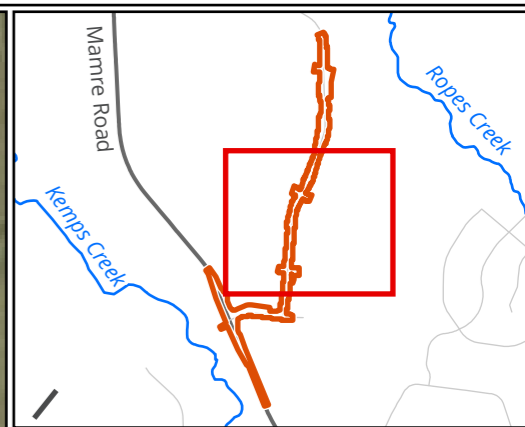
Figure 5.2 Impact assessment



Metres
 Scale: 1:4,100@ A3
 Coordinate System:
 GDA2020 MGA Zone 56



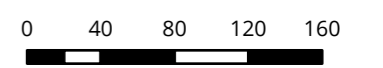
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 Layout: 40309_AR_F11_ImpactAssessment1



- Legend**
- Study area
 - Site extent of AHIMS 45-5-5747
- Archaeological potential**
- Low

NOT TO BE MADE PUBLIC

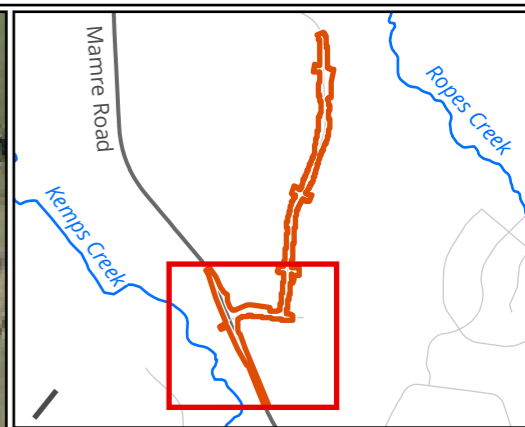
Figure 5.3 Impact assessment



Metres
 Scale: 1:4,100@ A3
 Coordinate System:
 GDA2020 MGA Zone 56



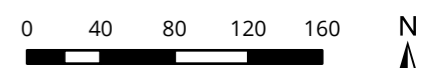
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 Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade_ACHA
 Layout: 40309_AR_F11_ImpactAssessment1



- Legend**
- Study area
 - Site extent of AHIMS 45-5-5747
- Archaeological potential**
- Low
- Proposed works (AT&L 2024)**
- Batter
 - Proposed works

NOT TO BE MADE PUBLIC

Figure 5.4 Impact assessment



Metres
 Scale: 1:4,100@ A3
 Coordinate System:
 GDA2020 MGA Zone 56



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 Layout: 40309_AR_F11_ImpactAssessment1

7 Recommendations

The recommendations below respond specifically to the wishes of the RAPs. Recommendations regarding the archaeological value of the site, and the subsequent management of Aboriginal cultural heritage is provided in the archaeological report (Appendix 5).

Prior to any impacts occurring within the study area, the following is recommended.

Recommendation 1: Development of a Cultural Heritage Management Plan

As per Section 4.41 of the EP&A Act, an AHIP under the NPW Act is not required for SSD projects authorised by a development consent. All works must be conducted in accordance with the SSD consent conditions.

It is recommended a CHMP be included in the CEMP that is being developed for the study area. The CHMP will aid to appropriately manage Aboriginal cultural heritage identified within the study area and would include unanticipated finds protocols and a heritage induction to be undertaken by the site personnel prior to works.

The CHMP must be prepared by a suitably qualified heritage consultant in consultation with the RAPs for the project.

Recommendation 2: Community collection of AHIMS 45-5-5607/Aldington Road 01

It is recommended that community collection of the isolated surface artefact from site AHIMS 45-5-5607/Aldington Road 01 be undertaken. The methodology for this collection should be included in the CHMP for the project.

Recommendation 3: Areas identified as having low archaeological potential

No further investigations are required for areas assessed as having low archaeological potential. This recommendation is conditional upon Recommendations 4 to 7.

Recommendation 4: Discovery of Unanticipated Aboriginal Objects

All Aboriginal objects and Places are protected under the NSW NPW Act. It is an offence to knowingly disturb an Aboriginal site without a consent permit issued by the Heritage NSW. Should any Aboriginal objects be encountered during works associated with this proposal, works must cease in the vicinity and the find should not be moved until assessed by a qualified archaeologist. The anticipated Aboriginal object will then be the subject of the appropriate process outlined in the CHMP.

Recommendation 5: Discovery of Unanticipated Historical Relics

Relics are historical archaeological resources of local or State significance and are protected in NSW under the Heritage Act. Relics cannot be disturbed except with a permit or exception/exemption notification. Should unanticipated relics be discovered during the course of the project, work in the vicinity must cease and an archaeologist contacted to make a preliminary assessment of the find. The Heritage Council will require notification if the find is assessed as a relic.

Recommendation 6: Discovery of Aboriginal Ancestral Remains

Aboriginal ancestral remains may be found in a variety of landscapes in NSW, including middens and sandy or soft sedimentary soils. If any suspected human remains are discovered during any activity, you must:

1. Immediately cease all work at that location and not further move or disturb the remains.
2. Notify the NSW Police and Heritage NSW Environmental Line on 131 555 as soon as practicable and provide details of the remains and their location.
3. Not recommence work at that location unless authorised in writing by Heritage NSW.

Recommendation 7: Continued consultation with the registered Aboriginal stakeholders

As per the consultation requirements, it is recommended that the proponent provides a copy of this draft report to the Aboriginal stakeholders and considers all comments received. The proponent should continue to inform these groups about the management of Aboriginal cultural heritage sites within the study area throughout the life of the project.

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Appendices

Appendix 1 Consultation log

Stage 1: Notification of project proposal and registration of interest

Step 1: Identification of Aboriginal people/parties with an interest in the proposed study area.

Organisation contacted	Date and type of contact	Date and type of response	Response details
Heritage NSW	15/01/2024 – Email	24/01/2024 - Email	Provided a list of Registered Aboriginal Parties for the area.
National Native Title Tribunal	15/01/2024 – Email	17/01/2024 - Email	No overlap or title claim for the study area.
Native Title Services CORP Limited	15/01/2024 – Email	-	-
Office of the Registrar, Department of Aboriginal Affairs	15/01/2024 – Email	-	-
Greater Sydney Local Land Services	15/01/2024 – Email	-	-
Penrith City Council	15/01/2024 – Email	18/01/2024 and 22/01/2024, Email	Provided contact information for the Nepean Blue Mountain Aboriginal Network.
Deerubbin Local Aboriginal Land Council	15/01/2024 – Email	-	-

Step 2: Public advertisement

The public notice was published in the Western Weekender on the 19 January 2024. A copy of the advertisement is provided in [Appendix 2](#).

Step 3: Registration of interest

The registration period ran from the 30 January 2024 to 13 February 2024. Leeway was given to Aboriginal parties/groups who provided responses shortly after the close of this period and they have been registered as Aboriginal parties for consultation.

Organisation contacted	Date and type of contact	Date and type of response	Response details
Nepean Blue Mountain Aboriginal Network	30/1/2024- Email	-	-
A1 Indigenous Services	30/1/2024- Email	4/2/2024 – Email	Registered for the project.
Amanda Hickey Cultural Services	30/1/2024- Email	4/2/2024 – Email	Registered for the project.

Organisation contacted	Date and type of contact	Date and type of response	Response details
Anthony Williams	30/1/2024 – Registered Post	-	-
Aragung Aboriginal Cultural Heritage Site Assessments	30/1/2024- Email	-	-
B.H. Heritage Consultants	30/1/2024- Email	-	-
B.H. Heritage Consultants	30/1/2024- Email	-	-
Badu (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Barking Owl Aboriginal Corporation	30/1/2024- Email	-	-
Barraby Cultural Services	30/1/2024- Email	-	-
Biamanga (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Bidjawong Aboriginal Corporation	30/1/2024- Email	-	-
Bidjawong Aboriginal Corporation	30/1/2024- Email	-	-
Bilinga (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Black Duck Aboriginal Corporation	30/1/2024- Email	-	-
Butucarbin Aboriginal Corporation	30/1/2024- Email	3/2/2024- Email	Registered for the project.
Clive Freeman	30/1/2024- Email	-	-
Corroboree Aboriginal Corporation	30/1/2024- Email	-	-
Cullendulla (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Darug Aboriginal Cultural Heritage Assessments	30/1/2024 – Registered Post	-	-
Darug Boorooberongal Elders Aboriginal Corporation	30/1/2024- Email	-	-
Darug Custodian Aboriginal Corporation	30/1/2024- Email	11/02/2024- Email	Registered for the project.
Darug Land Observations	30/1/2024- Email	-	-
Darug Land Observations	30/1/2024- Email	-	-
Darug Land Observations	30/1/2024- Email	-	-
Deerubbin Local Aboriginal Land Council	30/1/2024- Email	-	-

Organisation contacted	Date and type of contact	Date and type of response	Response details
Dharug (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Dharug Ngurra Aboriginal Corporation	30/1/2024- Email	-	-
Dhinawan Culture & Heritage Pty Ltd	30/1/2024- Email	-	-
Didge Ngunawal Clan	30/1/2024- Email	30/1/2024- Email	Registered for the project.
DJMD Consultancy	30/1/2024- Email	-	-
Galamaay Cultural Consultants (GCC)	30/1/2024- Email	-	-
Gilay Consultants	30/1/2024- Email	-	-
Ginninderra Aboriginal Corporation	30/1/2024- Email	-	-
Goobah Development PTY LTD (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Goobah Development PTY LTD (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Goodradigbee Cultural & Heritage Aboriginal Corporation	30/1/2024- Email	-	-
Gulaga	30/1/2024- Email	-	-
Gunjeewong Cultural Heritage Aboriginal Corporation	30/1/2024- Email	-	-
Guntawang Aboriginal Resources Incorporated	30/1/2024- Email	6/2/2024- Email	Registered for the project.
Gunyu (Murrin Clan/Peoples)	30/1/2024- Email	-	-
HSB Consultants; HSB Heritage Consultants	30/1/2024- Email	-	-
Jerringong (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Julia Narayan	30/1/2024- Email	-	-
Kamilaroi Yankuntjatjara Working Group	30/1/2024- Email	30/1/2024- Email	Registered for the project.
Konanggo Aboriginal Cultural Heritage Services	30/1/2024- Email	30/1/2024- Email	Registered for the project.
Koori Digs Services	30/1/2024- Email	-	-

Organisation contacted	Date and type of contact	Date and type of response	Response details
Minnamunnung	30/1/2024 – Registered Post	-	-
Mundawari Heritage Consultants	30/1/2024- Email	-	-
Munyunga (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Mura Indigenous Corporation (icn:8991)	30/1/2024- Email	-	-
Muragadi Heritage Indigenous Corporation	30/1/2024- Email	30/1/2024- Email	Registered for the project.
Murra Bidgee Mullangari Aboriginal Corporation	30/1/2024- Email	19/2/2024- Email	Registered for the project.
Murramarang (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Murrumbul (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Ngambaa Cultural Connections	30/1/2024- Email	-	-
Nundagurri (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Pemulwuy (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Rane Consulting	30/1/2024- Email	-	-
Thauaira	30/1/2024- Email	-	-
Thawun Aboriginal Consultancy	30/1/2024- Email	-	-
Thawun Aboriginal Consultancy	30/1/2024- Email	-	-
Thomas Dahlstrom Offers ACH value by using 3D Laser and Drone technology	30/1/2024- Email	-	-
Thoorga Nura	30/1/2024- Email	-	-
Scott Franks on the behalf od the Wonnarua PBC	30/1/2024- Email	-	-
Yarrowalk Pty Ltd	30/1/2024- Email	-	-
Waawaar Awaab Aboriginal Corporation	30/1/2024- Email	-	-
Waawaar Awaab Aboriginal Corporation	30/1/2024- Email	-30/1/2024 – Email	Registered for the project.

Organisation contacted	Date and type of contact	Date and type of response	Response details
Wailwan Aboriginal Group	30/1/2024- Email	30/1/2024- Email	Registered for the project.
Walbunga (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Walgalu (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Warragil Cultural Services	30/1/2024- Email	-	-
Widescope Indigenous Group	30/1/2024- Email	-	-
Widescope Indigenous Group	30/1/2024- Email	-	-
Wingikara (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Woka Aboriginal Corporation	30/1/2024- Email	-	-
Wori Woilywa	30/1/2024- Email	-	-
Wullung (Murrin Clan/Peoples)	30/1/2024- Email	-	-
Wurrumay Pty Ltd	30/1/2024- Email	-	-
Yerramurra (Murrin Clan/Peoples) and Taste of Tradition Native Aboriginal Corporation	30/1/2024- Email	-	-
Yulay Cultural Services	30/1/2024- Email	5/2/2024- Email	Registered for the project.
Yurrandaali	30/1/2024- Email	30/1/2024- Email	Registered for the project.
Yurwang Gundana Consultancy Cultural Heritage Services	30/1/2024- Email	-	-
Yurwang Gundana Consultancy Cultural Heritage Services	30/1/2024- Email	-	-
Bariyan Cultural Connections	30/1/2024- Email	-	-
Wallanbah Aboriginal Site Conveyancing	30/1/2024- Email	-	-
RAW Cultural Healing	30/1/2024- Email	-	-
Gali Heritage Consultants	30/1/2024- Email	-	-
Ninum	30/1/2024- Email	30/1/2024-Email	Registered for the project.
Long Gully Cultural Services	30/1/2024- Email	30/1/2024- Email	Registered for the project.
Guthers Aboriginal Corporation	30/1/2024- Email	-	-

Organisation contacted	Date and type of contact	Date and type of response	Response details
Damo digs	30/1/2024- Email	-	-
Gadu chts	30/1/2024- Email	-	-
Bill Trewlynn	30/1/2024- Email	30/1/2024-Email	Registered for the project.
Pearl Depoma	30/1/2024- Email	31/1/2024-Email	Registered for the project.
Nattai Aboriginal Culture & Heritage Consultation Service	30/1/2024- Email	15/2/2024- Email	Registered for the project.

Stage 2: Presentation of information about the proposed project

Step 1: Provision of project information pack

A copy of the information pack is provided in [Appendix 3](#) and a copy of the covering email is provided following.

Organisation contacted	Date and type of contact	Date and type of response	Response details
A1 Indigenous Services	15/2/2024- Email	26/2/2024 -Email	Has reviewed the documents and supports the methodology.
Amanda Hickey Cultural Services	15/2/2024- Email	22/2/2024- Email	Has reviewed the documents and supports the methodology.
Bariyan Cultural Connections	15/2/2024- Email	26/2/2024 -Email	Has reviewed the documents and supports the methodology.
Barraby Cultural Services	15/2/2024- Email	-	-
Bill Trewlynn	15/2/2024- Email	-	-
Butucarbin Aboriginal Corporation	15/2/2024- Email	-	-
Confidential Party 1	15/2/2024- Email	-	-
Confidential Party 2	15/2/2024- Email	-	-
Damo digs	15/2/2024- Email	-	-
Deerubbin Local Aboriginal Land Council	15/2/2024- Email	-	-
Didge Ngunawal Clan	15/2/2024- Email	-	-
Goobah Development PTY LTD (Murrin Clan/Peoples)	15/2/2024- Email	16/2/2024- Email	Has received the document and provides no comments at this stage.
Goobah Development PTY LTD (Murrin Clan/Peoples)	15/2/2024- Email	-	-

Organisation contacted	Date and type of contact	Date and type of response	Response details
Guntawang Aboriginal Resources Incorporated	15/2/2024- Email	11/3/2024- Email	Has reviewed the documents and supports the methodology.
Kamilaroi Yankuntjatjara Working Group	15/2/2024- Email	11/3/2024	“Thank you for your ACHA Stage 2&3 for Aldington, Abbotts and Mamre Road Upgrade Works, Kemps Creek. The study area is highly significant to our people for tens of thousands of years our people have cared for country and we continue to do so. With the vast ecosystems that make up the environment, that’s rich with flora and fauna allowing Aboriginal people to thrive, with rich water ways that were utilised for daily activities. For this reason we would like to agree and support your methodology to investigate further. We look forward to working alongside you on this project.”
Konanggo Aboriginal Cultural Heritage Services	15/2/2024- Email	-	-
Long Gully Cultural Services	15/2/2024- Email	15/2/2024- Email	Has reviewed the documents and supports the methodology.
Muragadi Heritage Indigenous Corporation	15/2/2024- Email	-	-
Ninum	15/2/2024- Email	-	-
Pearl Depoma	15/2/2024- Email	15/2/2024- Email	Has received and reviewed the document and provides no comments at this stage.
Waawaar Awa Aboriginal Corporation	15/2/2024- Email	-	-
Wailwan Aboriginal Group	15/2/2024- Email	-	-
Wallanbah Aboriginal Site Conveyancing	15/2/2024- Email	-	-
Widescope Indigenous Group	15/2/2024- Email	-	-

Organisation contacted	Date and type of contact	Date and type of response	Response details
Yulay Cultural Services	15/2/2024- Email	18/2/2024- Email	Has reviewed the documents and supports the methodology.
Yurrandaali	15/2/2024- Email	-	-
Nattai Aboriginal Culture & Heritage Consultation Service	15/2/2024- Email	11/3/2024- Email	<p>“Thank you (Biosis) for providing the opportunity to make comment on the Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 & 3 Aboriginal Community Consultation. After reading through the proposed project information and methodology report, including the AHIMS information. I am satisfied with the content of the report with regards to the methodology indicated. With regards to contributing Culturally appropriate information the subject area is to my knowledge Cabrogal country a clan of the Darug people.</p> <p>Once again, thank you for the opportunity to make comment on your report. If you require any further information, please do not hesitate to contact me.”</p>
Thomas Dahlstrom Offers ACH value by using 3D Laser and Drone technology	15/2/2024- Email	-	-
Murra Bidgee Mullangari Aboriginal Corporation	15/2/2024- Email	-	-
Darug Custodian Aboriginal Corporation	15/2/2024- Email	-	-

Stage 3: Gathering information about cultural significance

Step 1: Provision of project methodology pack and consultation meeting

A copy of the methodology pack is provided in Appendix 4 and a copy of the covering email is provided following.

Organisation contacted	Date and type of contact	Date and type of response	Response details
A1 Indigenous Services	15/2/2024- Email	26/2/2024 -Email	Has reviewed the documents and supports the methodology.
Amanda Hickey Cultural Services	15/2/2024- Email	22/2/2024- Email	Has reviewed the documents and supports the methodology.
Bariyan Cultural Connections	15/2/2024- Email	26/2/2024 -Email	Has reviewed the documents and supports the methodology.
Barraby Cultural Services	15/2/2024- Email	-	-
Bill Trewlynn	15/2/2024- Email	-	-
Butucarbin Aboriginal Corporation	15/2/2024- Email	-	-
Confidential Party 1	15/2/2024- Email	-	-
Confidential Party 2	15/2/2024- Email	-	-
Damo digs	15/2/2024- Email	-	-
Deerubbin Local Aboriginal Land Council	15/2/2024- Email	-	-
Didge Ngunawal Clan	15/2/2024- Email	-	-
Goobah Development PTY LTD (Murrin Clan/Peoples)	15/2/2024- Email	16/2/2024- Email	Has received the document and provides no comments at this stage.
Goobah Development PTY LTD (Murrin Clan/Peoples)	15/2/2024- Email	-	-
Guntawang Aboriginal Resources Incorporated	15/2/2024- Email	11/3/2024- Email	Has reviewed the documents and supports the methodology.
Kamilaroi Yankuntjatjara Working Group	15/2/2024- Email	11/3/2024	"Thank you for your ACHA Stage 2&3 for Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek. The study area is highly significant to our people for tens of thousands of years our people have cared for country and we continue to do so. With the vast

Organisation contacted	Date and type of contact	Date and type of response	Response details
			ecosystems that make up the environment, that's rich with flora and fauna allowing Aboriginal people to thrive, with rich water ways that were utilised for daily activities. For this reason we would like to agree and support your methodology to investigate further. We look forward to working alongside you."
Konanggo Aboriginal Cultural Heritage Services	15/2/2024- Email	-	-
Long Gully Cultural Services	15/2/2024- Email	15/2/2024- Email	Has reviewed the documents and supports the methodology.
Muragadi Heritage Indigenous Corporation	15/2/2024- Email	-	-
Ninum	15/2/2024- Email	-	-
Pearl Depoma	15/2/2024- Email	15/2/2024- Email	Has received and reviewed the document and provides no comments at this stage.
Waawaar Awa Aboriginal Corporation	15/2/2024- Email	-	-
Wailwan Aboriginal Group	15/2/2024- Email	-	-
Wallanbah Aboriginal Site Conveyancing	15/2/2024- Email	-	-
Widescope Indigenous Group	15/2/2024- Email	-	-
Yulay Cultural Services	15/2/2024- Email	18/2/2024- Email	Has reviewed the documents and supports the methodology.
Yurraandaali	15/2/2024- Email	-	-
Nattai Aboriginal Culture & Heritage Consultation Service	15/2/2024- Email	11/3/2024- Email	"Thank you (Biosis) for providing the opportunity to make comment on the Aldington, Abbotts and Mamre Road Upgrade Works, Kemps Creek: Stage 2 & 3 Aboriginal Community Consultation. After reading through the proposed project information and

Organisation contacted	Date and type of contact	Date and type of response	Response details
			<p>methodology report, including the AHIMS information. I am satisfied with the content of the report with regards to the methodology indicated. With regards to contributing Culturally appropriate information the subject area is to my knowledge Cabrogal country a clan of the Darug people.</p> <p>Once again, thank you for the opportunity to make comment on your report. If you require any further information, please do not hesitate to contact me."</p>
Thomas Dahlstrom Offers ACH value by using 3D Laser and Drone technology	15/2/2024- Email	-	-
Murra Bidgee Mullangari Aboriginal Corporation	15/2/2024- Email	-	-
Darug Custodian Aboriginal Corporation	15/2/2024- Email	-	-

Stage 4: Review of draft report

Organisation contacted	Date and type of contact	Date and type of response	Response details
A1 Indigenous Services	15/4/2024- Email	-	-
Amanda Hickey Cultural Services	15/4/2024- Email	-	-
Bariyan Cultural Connections	15/4/2024- Email	-	-
Barraby Cultural Services	15/4/2024- Email	-	-
Bill Trewlynn	15/4/2024- Email	-	-
Butucarbin Aboriginal Corporation	15/4/2024- Email	-	-
Confidential Party 1	15/4/2024- Email	-	-
Confidential Party 2	15/4/2024- Email	-	-
Damo digs	15/4/2024- Email	-	-

Organisation contacted	Date and type of contact	Date and type of response	Response details
Deerubbin Local Aboriginal Land Council	15/4/2024- Email	-	-
Didge Ngunawal Clan	15/4/2024- Email	-	-
Goobah Development PTY LTD (Murrin Clan/Peoples)	15/4/2024- Email	-	-
Goobah Development PTY LTD (Murrin Clan/Peoples)	15/4/2024- Email	-	-
Guntawang Aboriginal Resources Incorporated	15/4/2024- Email	-	-
Kamilaroi Yankuntjatjara Working Group	15/4/2024- Email	-	-
Konanggo Aboriginal Cultural Heritage Services	15/4/2024- Email	-	-
Long Gully Cultural Services	15/4/2024- Email	-	-
Muragadi Heritage Indigenous Corporation	15/4/2024- Email	-	-
Ninum	15/4/2024- Email	15/4/2024- Email 16/4/2024- Email	Thank you Hi crystal, I have reviewed the methodology and look forward to working on sites thank you.
Pearl Depoma	15/4/2024- Email	-	-
Waawaar Awa Aboriginal Corporation	15/4/2024- Email	-	-
Wailwan Aboriginal Group	15/4/2024- Email	-	-
Wallanbah Aboriginal Site Conveyancing	15/4/2024- Email	-	-
Widescope Indigenous Group	15/4/2024- Email	-	-
Yulay Cultural Services	15/4/2024- Email	-	-
Yurrandaali	15/4/2024- Email	-	-
Nattai Aboriginal Culture & Heritage Consultation Service	15/4/2024- Email	-	-
Thomas Dahlstrom Offers ACH value by using 3D	15/4/2024- Email	-	-

Organisation contacted	Date and type of contact	Date and type of response	Response details
Laser and Drone technology			
Murra Bidgee Mullangari Aboriginal Corporation	15/4/2024- Email	-	-
Darug Custodian Aboriginal Corporation	15/4/2024- Email	-	-

Appendix 2 Stage 1: Notification of project proposal and registration of interest

15 January 2024

Deerubbin LALC
3/291-295 High Street
Penrith NSW 2750

Dear ,

Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies

Our Ref: Matter: 40309

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

Biosis is assisting AT&L with consultation with the Aboriginal community to inform the ACHA. Consultation with the Aboriginal community for this assessment will be undertaken in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010) (consultation requirements).

The purpose of the Aboriginal community consultation is to provide sufficient information for the assessment of Aboriginal cultural heritage values and to assist the Planning Assessment Commission under delegation from the Minister of Planning for the Department of Planning, Housing and Infrastructure in the consideration and determination of the SSD application. The project will be undertaken in accordance with the *National Parks and Wildlife Act 1974*.

As per Section 4.1 of the consultation requirements, Biosis wish to invite Deerubbin Local Aboriginal Land Council to register an interest in the project. Biosis is also seeking to identify Aboriginal people who may have an interest in the study area and hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or places in the Kemps Creek area. If you could please provide contact details for any such Aboriginal people or organisations by **5:00pm 29 January 2024** it would be greatly appreciated.

In accordance with Section 4.1.3 (a) of the consultation requirements, please note that the relevant client contact for this project is:

AT&L
Debbie Fransen
Design Project Manager
(02) 9439 1777
debbie.f@atl.net.au

All correspondence regarding provision of names and contact details of Aboriginal people who may hold cultural knowledge relevant to the study area should be provided in writing by **5:00pm 29 January 2024** to:

Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

Crystal Garabedian

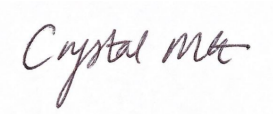
Biosis Pty Ltd

14/17-27 Power Avenue, Alexandria

cgarabedian@biosis.com.au

If you have any queries regarding the project, please don't hesitate to contact me on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely,



Crystal Garabedian
Heritage Consultant

15 January 2024

National Native Title Tribunal
GPO Box 9973
Sydney NSW 2001

Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies

Our Ref: Matter: 40309

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Biosis is assisting AT&L with consultation with the Aboriginal community to inform the ACHA. Consultation with the Aboriginal community for this assessment will be undertaken in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010) (consultation requirements).

The purpose of the Aboriginal community consultation is to provide sufficient information for the assessment of Aboriginal cultural heritage values and to assist the Planning Assessment Commission under delegation from the Minister of Planning for the Department of Planning, Housing and Infrastructure in the consideration and determination of the SSD application. The project will be undertaken in accordance with the *National Parks and Wildlife Act 1974*.

As per Section 4.1 of the consultation requirements, Biosis is seeking to identify Aboriginal people who may have an interest in the study area and hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or places in the Kemps Creek area. If you could please provide contact details for any such Aboriginal people or organisations by **5:00pm 29 January 2024** it would be greatly appreciated.

In accordance with Section 4.1.3 (a) of the consultation requirements, please note that the relevant client contact for this project is:

AT&L
Debbie Fransen
Design Project Manager
(02) 9439 1777
debbie.f@atl.net.au

All correspondence regarding provision of names and contact details of Aboriginal people who may hold cultural knowledge relevant to the study area should be provided in writing by **5:00pm 29 January 2024** to:

Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

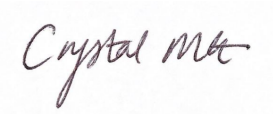
Email: sydney@biosis.com.au

biosis.com.au

Crystal Garabedian
Biosis Pty Ltd
14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

If you have any queries regarding the project, please don't hesitate to contact me on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely,



Crystal Garabedian
Heritage Consultant

15 January 2024

Native Title Services Corporation
PO Box 2105
Strawberry Hills NSW 2012

Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies

Our Ref: Matter: 40309

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

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As per Section 4.1 of the consultation requirements, Biosis is seeking to identify Aboriginal people who may have an interest in the study area and hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or places in the Kemps Creek area. If you could please provide contact details for any such Aboriginal people or organisations by **5:00pm 29 January 2024** it would be greatly appreciated.

In accordance with Section 4.1.3 (a) of the consultation requirements, please note that the relevant client contact for this project is:

AT&L
Debbie Fransen
Design Project Manager
(02) 9439 1777
debbie.f@atl.net.au

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Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

Crystal Garabedian

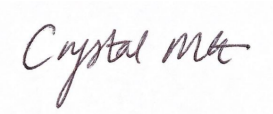
Biosis Pty Ltd

14/17-27 Power Avenue, Alexandria

cgarabedian@biosis.com.au

If you have any queries regarding the project, please don't hesitate to contact me on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely,



Crystal Garabedian
Heritage Consultant

15 January 2024

Office of the Registrar Aboriginal Land Rights Act 1983
PO Box 5068
Parramatta NSW 2124

Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies

Our Ref: Matter: 40309

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

Biosis is assisting AT&L with consultation with the Aboriginal community to inform the ACHA. Consultation with the Aboriginal community for this assessment will be undertaken in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010) (consultation requirements).

The purpose of the Aboriginal community consultation is to provide sufficient information for the assessment of Aboriginal cultural heritage values and to assist the Planning Assessment Commission under delegation from the Minister of Planning for the Department of Planning, Housing and Infrastructure in the consideration and determination of the SSD application. The project will be undertaken in accordance with the *National Parks and Wildlife Act 1974*.

As per Section 4.1 of the consultation requirements, Biosis is seeking to identify Aboriginal people who may have an interest in the study area and hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or places in the Kemps Creek area. If you could please provide contact details for any such Aboriginal people or organisations by **5:00pm 29 January 2024** it would be greatly appreciated.

In accordance with Section 4.1.3 (a) of the consultation requirements, please note that the relevant client contact for this project is:

AT&L
Debbie Fransen
Design Project Manager
(02) 9439 1777
debbie.f@atl.net.au

All correspondence regarding provision of names and contact details of Aboriginal people who may hold cultural knowledge relevant to the study area should be provided in writing by **5:00pm 29 January 2024** to:

Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

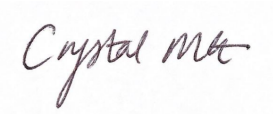
Email: sydney@biosis.com.au

biosis.com.au

Crystal Garabedian
Biosis Pty Ltd
14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

If you have any queries regarding the project, please don't hesitate to contact me on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely,



Crystal Garabedian
Heritage Consultant

15 January 2024

Heritage NSW
PO Box 644
Parramatta NSW 2124

Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies

Our Ref: Matter: 40309

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

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The purpose of the Aboriginal community consultation is to provide sufficient information for the assessment of Aboriginal cultural heritage values and to assist the Planning Assessment Commission under delegation from the Minister of Planning for the Department of Planning, Housing and Infrastructure in the consideration and determination of the SSD application. The project will be undertaken in accordance with the *National Parks and Wildlife Act 1974*.

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In accordance with Section 4.1.3 (a) of the consultation requirements, please note that the relevant client contact for this project is:

AT&L
Debbie Fransen
Design Project Manager
(02) 9439 1777
debbie.f@atl.net.au

All correspondence regarding provision of names and contact details of Aboriginal people who may hold cultural knowledge relevant to the study area should be provided in writing by **5:00pm 29 January 2024** to:

Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

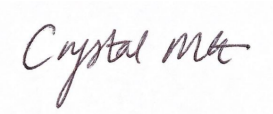
Email: sydney@biosis.com.au

biosis.com.au

Crystal Garabedian
Biosis Pty Ltd
14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

If you have any queries regarding the project, please don't hesitate to contact me on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely,



Crystal Garabedian
Heritage Consultant

15 January 2024

Greater Sydney Local Land Services
PO Box 600
Wyong NSW 2259

Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies

Our Ref: Matter: 40309

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

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ABN 65 006 175 097

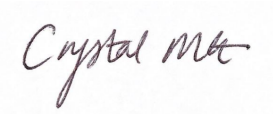
Email: sydney@biosis.com.au

biosis.com.au

Crystal Garabedian
Biosis Pty Ltd
14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

If you have any queries regarding the project, please don't hesitate to contact me on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely,



Crystal Garabedian
Heritage Consultant

15 January 2024

Penrith City Council
PO Box 60
Penrith NSW 2751

Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies

Our Ref: Matter: 40309

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

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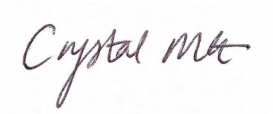
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biosis.com.au

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cgarabedian@biosis.com.au

If you have any queries regarding the project, please don't hesitate to contact me on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely,



Crystal Garabedian
Heritage Consultant

From: [Crystal Garabedian](#)
To: GeospatialSearch@NNTT.gov.au; enquiries@nntt.gov.au
Subject: Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies (40309)
Date: Monday, 15 January 2024 3:56:58 PM
Attachments: [image789569.png](#)
[image311913.png](#)
[image979875.png](#)
[image265152.png](#)
[image338345.png](#)
[image343171.png](#)
[image116577.png](#)
[image694972.png](#)
[image418306.png](#)
[image094976.png](#)
[40309.Stage1.1.Agencies.Sent.pdf](#)
[38335_ADDA_F2_StudyArea_Aldington_Rd.pdf](#)
[38335_ADDA_F2_StudyArea_Mamre_Rd.pdf](#)
[40309.Geospatial.DFT00.20240112.docm](#)

Good afternoon,

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cgarabedian@biosis.com.au
0456 625 253

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Yours sincerely,

Crystal

Crystal Garabedian She/Her
Heritage Consultant

☎ 0456 625 253
☎ (02) 9101 8727
✉ CGarabedian@biosis.com.au
🌐 www.biosis.com.au



Leaders in Ecology, Heritage and Environmental Approvals

Biosis acknowledges the Aboriginal and Torres Strait Islander people as Traditional Custodians of the country on which we live and work.

We pay our respects to the Traditional Custodians and Elders past, present and future, and honour their connection to the land and ongoing contribution to society.

The information transmitted including attachments is intended only for the person or entity to which it is addressed and may contain copyright material, or information that is confidential or is exempt from disclosure by law. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon this information by persons or entities other than the intended recipient is strictly prohibited. If you received this in error, please contact the sender and delete the material from your computer. The views expressed in this email are those of the sender except where the sender expressly and with authority states them to be the views of Biosis Pty Ltd. Biosis Pty Ltd does not represent that this email is free of errors, viruses or interference. When using email to communicate with Biosis Pty Ltd, access to that information by Biosis Pty Ltd personnel is strictly limited and controlled.

Crystal Garabedian She/Her
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From: [Crystal Garabedian](#)
To: council@penrith.city
Subject: Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies (40309)
Date: Monday, 15 January 2024 3:55:57 PM
Attachments: [40309.Stage1.1.Agencies.Sent.pdf](#)

Good afternoon,

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Crystal Garabedian
Biosis Pty Ltd
14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au
0456 625 253

If you have any queries regarding the project, please don't hesitate to contact me on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely,
Crystal

From: [Crystal Garabedian](#)
To: admin.greatersydney@lls.nsw.gov.au
Subject: Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies (40309)
Date: Monday, 15 January 2024 3:55:56 PM
Attachments: [40309.Stage1.1.Agencies.Sent.pdf](#)

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Subject: Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies (40309)
Date: Monday, 15 January 2024 3:55:56 PM
Attachments: [40309.Stage1.1.Agencies.Sent.pdf](#)

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0456 625 253

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Yours sincerely,
Crystal

From: [Crystal Garabedian](#)
To: adminofficer@oralra.nsw.gov.au
Subject: Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies (40309)
Date: Monday, 15 January 2024 3:55:56 PM
Attachments: [40309.Stage1.1.Agencies.Sent.pdf](#)

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From: [Crystal Garabedian](#)
To: information@ntscorp.com.au
Subject: Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies (40309)
Date: Monday, 15 January 2024 3:55:55 PM
Attachments: [40309.Stage1.1.Agencies.Sent.pdf](#)

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Yours sincerely,
Crystal

From: [Crystal Garabedian](#)
To: staff@deerubbin.org.au
Subject: Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies (40309)
Date: Monday, 15 January 2024 3:58:55 PM
Attachments: [40309.LALC.Stage1.1.Sent.pdf](#)

Good afternoon,

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As per Section 4.1 of the consultation requirements, Biosis wish to invite Deerubbin Local Aboriginal Land Council to register an interest in the project. Biosis is also seeking to identify Aboriginal people who may have an interest in the study area and hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or places in the Kemps Creek area. If you could please provide contact details for any such Aboriginal people or organisations by 5:00pm 29 January 2024 it would be greatly appreciated.

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cgarabedian@biosis.com.au
0456 625 253

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Yours sincerely,
Crystal

From: [Barry Gunther](#)
To: [Crystal Garabedian](#)
Subject: Heritage NSW Aboriginal stakeholder list for Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek.
Date: Monday, 22 January 2024 1:32:11 PM
Attachments: [Heritage NSW Aboriginal stakeholder list for Penrith LGA.docx](#)
[40309.Stage1.1.Agencies.Sent.pdf](#)

Hi Crystal,

Please find attached the Heritage NSW Aboriginal stakeholder list for Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek.

regards

[Barry Gunther](#)
Aboriginal Senior Assessment Officer
Heritage NSW
[Department of Climate Change,
Energy, the Environment and Water](#)

www.environment.nsw.gov.au/topics/heritage

Locked bag 5020
Parramatta NSW 2124

Working days Monday to Friday, 9:00am - 5:00pm

I acknowledge the traditional custodians of the land and pay respects to Elders past and present. I also acknowledge all the Aboriginal and Torres Strait Islander staff working with NSW Government at this time.

Please consider the environment before printing this email.

This email is intended for the addressee(s) named and may contain confidential and/or privileged information.

If you are not the intended recipient, please notify the sender and then delete it immediately.

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, Energy and Science.

PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS EMAIL

**LIST OF ABORIGINAL STAKEHOLDERS FOR THE DEPARTMENT OF PLANNING AND ENVIRONMENT (DPE) HELD BY DPE FOR THE PURPOSES OF THE OEH
ABORIGINAL CULTURAL HERITAGE CONSULTATION REQUIREMENTS FOR PROPONENTS 2010**

The purpose of this letter is to assist you as the proposed applicant in undertaking Aboriginal community consultation in accordance with the relevant legislation and guidelines.

The consultation process involves getting the views of, and information from, Aboriginal people and reporting on these. It is not to be confused with other field assessment processes involved in preparing a proposal and an application. Consultation does not include the employment of Aboriginal people to assist in field assessment and/or site monitoring. Aboriginal people may provide services to proponents through a contractual arrangement however, this is separate from consultation. The proponent is not obliged to employ those Aboriginal people registered for consultation. Consultation as per these requirements will continue irrespective of potential or actual employment opportunities for Aboriginal people.

In accordance with Clause 60 (10) of the National Parks and Wildlife Regulation 2019, where an agreement of the kind listed below specifies or identifies a modified or alternative consultation process for the purposes of Part 6 of the National Parks and Wildlife Act 1974, the applicant is to undertake consultation in accordance with the modified or alternative process. The applicable agreements are:

- a) a registered Indigenous Land Use Agreement under the Native Title Act 1993 of the Commonwealth entered into between an Aboriginal community and the State,
- b) a lease entered into under Part 4A of the Act,
- c) an agreement entered into by the Secretary and a board of management reserved under Part4A of the Act that has the consent of Aboriginal owner board members for the land concerned,
- d) an agreement entered into between an Aboriginal community and the Department of Planning, Industry and the Environment.

Where you believe your application is wholly or partially located within an area subject to any of the above agreements, please provide further correspondence (including mapping, if required) detailing the applicable agreement and its relationship to the application area to heritagemailbox@environment.nsw.gov.au. Heritage NSW will respond with further advice.

Where the above does not apply, please proceed with consultation in accordance with the Clause 60 (1-9) of the National Parks and Wildlife Regulation 2019 and Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010 (the "Consultation Requirements"). A copy of the Consultation Requirements can be found on the OEH website at: <http://www.environment.nsw.gov.au/resources/cultureheritage/commconsultation/09781ACHconsultreq.pdf>.

Under the Consultation Requirements, a proponent is required to provide Aboriginal people who may hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or places as relevant to the proposed project area, with an opportunity to be involved in consultation. Section 3.3.1 of the Consultation Requirements states that Aboriginal people who can provide this information are, based on Aboriginal lore and custom, the traditional owners or custodians of the land that is the subject of the proposed project.

The Consultation Requirements also state that:

Traditional owners or custodians with appropriate cultural heritage knowledge to inform decision making who seek to register their interest as an Aboriginal party are those people who:

- continue to maintain a deep respect for their ancestral belief system, traditional lore and custom

- recognise their responsibilities and obligations to protect and conserve their culture and heritage and care for their traditional lands or Country
- have the trust of their community, knowledge and understanding of their culture, and permission to speak about it.

This list is provided to proponents in accordance with Clause 60(2)(a)(i) of the National Parks and Wildlife Regulation 2019 and section 4.1.2 of the Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010.

The stakeholders identified on this list may have an interest in the proposed project area and may hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or places.

How to use this list

- Contact the organisations/individuals who have indicated an interest in the relevant LGA/s and invite them to register an interest in your project.
- Do not reproduce the attached list in publicly available reports and other documents. Your report should only contain the names of the organisations and individuals who you have invited to register an interest in your project and those who have registered as stakeholders for your project.
- Note that the provision of this Aboriginal stakeholder list does not override a proponent's requirement to also advertise in the local newspaper and to seek from other sources the names of any other Aboriginal people who may hold cultural knowledge as required under clause 60 (2) of the National Parks and Wildlife Regulation 2019.
- Please refer to Clause 60 of the National Parks and Wildlife Regulation 2019 and the Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010 for further information on the requirements of the consultation process.
- If contact details of stakeholders are found to be incorrect or outdated, please contact heritagemailbox@environment.nsw.gov.au.

Last updated September 2023

Our reference: doc24/30148

Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek

Aboriginal Stakeholders –Penrith Local Government Area.

A1 Indigenous Services	Carolyn Hickey	cazadirect@live.com	-	0411 650 057	-	10 Marie Pitt Place, Glenmore Park, NSW, 2745	-
Amanda Hickey Cultural Services	Amanda Hickey	amandahickey@live.com.au	-	0434 480 558	-	57 Gough Steet, Emu Plains, NSW, 2750	-
Anthony Williams	Anthony Williams	-	-	0456 399 687	-	Unit 2 / 24 Goodwin Street Narrabeen NSW 2101	-
Aragung Aboriginal Cultural Heritage Site Assessments	Jamie Eastwood	James.eastwood@y7mail.com	(02) 9832 3732	0427 793 334	-	33 Bulolo Drive, Whalan, NSW, 2770	-
B.H. Heritage Consultants	Ralph Hampton ; Nola Hampton	hamptonralph46@gmail.com kinghampton77@gmail.com	-	RH: 0435 785 138 NH: 0401 662 531	-	184 Captain Cook Drive, Willmot, 2770, NSW 95 Mount Ettalong Road, Umina Beach, 2257, NSW	Nola and Ralph would BOTH like to be notified of all projects
Badu (Murrin Clan/Peoples)	Karia Lea Bond	baduchts@gmail.com	-	0476 381 207	-	11 Jeffery Place, Moruya, NSW, 2537	-
Barking Owl Aboriginal Corporation	Mrs Jody Kulakowski (Director)	barkingowlcorp@gmail.com	-	0426 242 015	-	2-65/69 Wehlow St. Mt Druitt	-
Barraby Cultural Services	Lee Field (Manager)	barrabyculturalservices@gmail.com	-	0431 314 892	-	334 Argyle Street, Picton NSW 2571	-
Biamanga (Murrin Clan/Peoples)	Seli Storer	biamangachts@gmail.com	-	-	-	-	-
Bidjawong Aboriginal Corporation	James Carroll	jrroll888@gmail.com bidjawong@gmail.com	-	0433 224 324	-	22 McKinley Place Cherrybrook NSW 2126	Prefer email contact

Bilinga (Murrin Clan/Peoples)	Simalene Carriage	bilingachts@gmail.com	-	-	-	-	-
Black Duck Aboriginal Corporation	Dean Carroll	Dean.carroll85@hotmail.com	-	0410 649 202	-	83 William Street, Werrington NSW 2747	-
Butucarbin Aboriginal Corporation	Jennifer Beale	butuheritage@gmail.com	(02)9 832 7167	-	-	PO Box E18, Emerton, NSW 2770	Preferred contact via email
Clive Freeman	Clive Freeman	clive.freeman@y7mail.com	(02) 4442 1117	0437 721 481	-	6 Dhugan Close Wreck Bay Aboriginal Community JBT 2540	-
Corroboree Aboriginal Corporation	Marilyn Carroll-Johnson	corroboreecorp@outlook.com	(02) 8824 324	0415 911 159	-	PO BOX 344 LITHGOW NSW 2790	-
Cullendulla (Murrin Clan/Peoples)	Corey Smith	cullendullachts@gmail.com	-	-	-	-	-
Darug Aboriginal Cultural Heritage Assessments	Gordon Morton	-	(02) 9410 3665	0422 865 831	-	Unit 9, 6 Chapman Avenue, Chatswood, NSW 2067	-
Darug Boorooberongal Elders Aboriginal Corporation	Paul Hand (chairperson)	paulhand1967@gmail.com	-	0456 786 738	-	PO.Box 14 Doonside NSW 2767	-
Darug Custodian Aboriginal Corporation	Justine Coplin	justinecoplin@optusnet.com.au	-	0414 962 766	-	PO Box 81, Windsor NSW 2756	-
Darug Land Observations	Jamie Workman; Anna Workman; Anna O'Hara	daruglandobservations@gmail.com	-	0418 494 951 0413 687 279	-	PO Box 173, Ulladulla, NSW 2539 PO Box 2006 Bendelong NSW 2539	-
Deerubbin Local Aboriginal Land Council	Kevin Cavanagh	srandall@deerubbin.org.au Reception@deerubbin.org.au	(02) 4724 5600	-	(02) 4722 9713	Level 1, Suite 3-291-295 High Street, Penrith NSW 2750 PO Box 40, Penrith NSW 2751	-

Dharug (Murrin Clan/Peoples)	Andrew Bond	dharugchts@gmail.com	-	-	-	-	-
Dharug Ngurra Aboriginal Corporation	Dirk Schmitt	archaeology@dharugngurra.org.au	(02) 9622 4081	-	-	PO Box 441, Blacktown NSW 2148	-
Dhinawan Culture & Heritage Pty Ltd	Stephen Fields	dhinawan.ch@gmail.com	-	0411 232 285	-	-	-
Didge Ngunawal Clan	Lillie Carroll ; Paul Boyd	didgengunawalclan@yahoo.com.au	-	0426 823 944 ; 0450 616 404	-	33 Carlyle Crescent Cambridge Gardens NSW 2747	-
DJMD Consultancy	Darren Duncan	darrenjohnduncan@gmail.com	-	0410 510 397	-	-	-
Galamaay Cultural Consultants (GCC)	Robert Slater	galamaay@hotmail.com	-	0401 871 526	-	121 Roberts Street, Tamworth NSW 2340	-
Gilay Consultants	Carol Slater	cal.slater61@gmail.com	-	0478 583 565	-	6 MacGibbon Parade, Old Erawal Bay NSW 2540	-
Ginninderra Aboriginal Corporation	Steven Johnson; Krystle Carroll	Ginninderra.corp@gmail.com	-	0406 991 221	-	PO BOX 3143 Grose Vale NSW 2754	-
Goobah Development PTY LTD (Murrin Clan/Peoples)	Basil Smith	goobahchts@gmail.com bunjil.smith@gmail.com	-	0405 995 725	-	66 Grantham Road, Batehaven NSW, 2536	confirm email
Goodradigbee Cultural & Heritage Aboriginal Corporation	Caine Carroll	goodradigbee1@outlook.com	-	0410 974 236	-	1 Morilla Road, East Kurrajong NSW 2758	-
Gulaga	Wendy Smith	gulagachts@gmail.com	-	-	-	-	-
Gunjeewong Cultural Heritage Aboriginal Corporation	Shayne Dickson	gunjeewongculturalheritage21@hotmail.com	-	0421 636 474	-	2 Rutherford street Blacktown 2148	-

Guntawang Aboriginal Resources Incorporated	Wendy Morgan	wenlissa01hotmail.com	(02) 9601 7183	0414 964 657	-	113 Reservoir Road Mt Pritchard NSW 2170	-
Gunyuu (Murrin Clan/Peoples)	Kylie Ann Bell	gunyuuchts@gmail.com	-	-	-	-	-
HSB Consultants; HSB Heritage Consultants	Patricia Hampton	pamelaann@live.com.au	-	0424 142 216	-	62 Ropes Crossing Boulevard, Ropes Crossing 2760 81 North Street, WEST KEMPSEY 2440	-
Jerringong (Murrin Clan/Peoples)	Joanne Anne Stewart	jerringong@gmail.com	-	0422 800 184	-	2/10 Burnett Avenue Gerringong NSW 2534	-
Julia Narayan	-	juliaannnarayan2018@gmail.com	-	0466 304 750	-	-	-
Kamilaroi Yankuntjatjara Working Group	Phil Khan	philipkhan.acn@live.com.au	-	0434 545 982	-	78 Forbes Street, Emu Plains, NSW 2750	-
Konanggo Aboriginal Cultural Heritage Services	Robert Young	konanggo_consultancy@hotmail.com	-	0450 497 270	-	2/42 Crawford Road, Brighton Le Sands 2216 NSW	-
Koori Digs Services	Korri Currell	kooridigs@gmail.com	-	0450 015 710	-	15 Sandakan Crescent Lethbridge Park 2770	-
Minnamunnung	Aaron Broad	-	-	0402 526 888	-	1 Waratah Avenue, Albion Park Rail NSW 2527	-
Mundawari Heritage Consultants	Dean Delponte	mundawari.hc@gmail.com	-	0413 186 133	-	245 Ash Road Prestons NSW 2170	-
Munyunga (Murrin Clan/Peoples)	Kaya Dawn Bell	munyangachts@gmail.com	-	-	-	-	-
Mura Indigenous Corporation (icn:8991)	Phillip Carroll	mura.cultureservices@gmail.com	-	0447512397	-	66 Montague Street Goulburn 2580	-
Muragadi Heritage Indigenous Corporation	Jesse Johnson	muragadi@yahoo.com.au	-	0447 970 049	-	5 Hession Road, Nelson, NSW 2765	-

Murra Bidgee Mullangari Aboriginal Corporation	Darleen Johnson ; Ryan Johnson	<a href="mailto:murrabidgeemulla
ngari@yahoo.com.
au">murrabidgeemulla ngari@yahoo.com. au	-	0490 051 102 0475 565 517 0497 983 332	-	PO Box 3035 Rouse Hill NSW 2155	-
Murramarang (Murrin Clan/Peoples)	Roxanne Smith	<a href="mailto:murramarangchts
@gmail.com">murramarangchts @gmail.com	-	-	-	-	-
Murrumbul (Murrin Clan/Peoples)	Mark Henry	<a href="mailto:murrumbul@gmail
.com">murrumbul@gmail .com	-	-	-	-	-
Ngambaa Cultural Connections	Kaarina Slater	<a href="mailto:ngambaa.culturalc
onnections@gmail
.com">ngambaa.culturalc onnections@gmail .com	-	0421 077 521	-	Unit 29,11 Phillip Street St Marys NSW 2760	-
Nundagurri (Murrin Clan/Peoples)	Newton Carriage	<a href="mailto:nundagurri@gmail
.com">nundagurri@gmail .com	-	-	-	-	-
Pemulwuy (Murrin Clan/Peoples)	Pemulwuy Johnson	<a href="mailto:pemulwuyd@gmai
l.com">pemulwuyd@gmai l.com	-	0425 066 100	-	14 Top Place, Mt Annan	-
Rane Consulting	Tony Williams	<a href="mailto:ajw1901@bigpond
.com">ajw1901@bigpond .com	(02) 8824 6991	-	-	1 Pyrenees Way Beaumont Hills NSW 2155	-
Thauaira	Shane Carriage	<a href="mailto:thauairachts@gma
il.com">thauairachts@gma il.com	-	-	-	-	-
Thawun Aboriginal Consultancy	Jason Mitchell	<a href="mailto:jason.mitchell9@o
utlook.com">jason.mitchell9@o utlook.com Thawunconsultanc y@outlook.com	-	0401 517 998	-	35 Bronzewing st Tahmoor NSW 2573	-

Thomas Dahlstrom Offers ACH value by using 3D Laser and Drone technology	Thomas Dahlstrom	gamila_roi@yahoo.com.au	-	0403 529 119 Offers ACH value by using 3D Laser and Drone technology	-	1-122 Glebe Point Road Glebe NSW 2037	-
Thoorga Nura	John Carriage (Chief Executive Officer)	thoorganura@gmail.com	-	0401 641 299	-	50B Hilltop Crescent, Surf Beach, 2536, NSW	-
Scott Franks on the behalf of the Wonnarua PBC Yarrowalk Pty Ltd	Scott Franks	scott@toconwall.com.au scott@yarrowalk.com.au	-	0404 171 544	-	Po box 145, Miranda NSW 1490	-
Waawaar Awaab Aboriginal Corporation	Rodney Gunther Barry Gunther	Waawaar.awaab@gmail.com	-	RG: 0410580962 BG: 0451 176 473	-	15 Bungonia Street Prestons NSW 2170	-
Wailwan Aboriginal Group	Philip Boney	waarlan12@outlook.com	-	0436 483 210	-	-	-

Walbunja (Murrin Clan/Peoples)	Hika Te Kowhai	walbunja@gmail.com	-	0402 730 612	-	15 Renee Crescent MORUYA HEADS NSW 2537	-
Walgalu (Murrin Clan/Peoples)	Ronald Stewart	walgaluchts@gmail.com	-	-	-	-	-
Warragil Cultural Services	Aaron Slater (Manager)	Warragil_cs@hotmail.com	-	0481 280 067 0422231989	-	33 Gardner Circuit Singleton NSW 2566.	-
Widescope Indigenous Group	Steven Hickey; Donna Hickey	Widescope.group@live.com	-	SH: 0425 230 693 DH: 0425 232 056	-	73 Russell Street, Emu Plains, NSW 2750	-
Wingikara (Murrin Clan/Peoples)	Hayley Bell	wingikarachts@gmail.com	-	-	-	-	-
Woka Aboriginal Corporation	Steven Johnson	wokacorp@yahoo.com	-	0406 991 221	-	145 Carnarvon Road Schofields NSW 2762	-
Wori Woilywa	Daniel Chalker	woriwoilywa@gmail.com	-	0409 006 216	-	261 Mockingbird Rd Pheasants Nest NSW 2574	-
Wullung (Murrin Clan/Peoples)	Lee-Roy James Boota	wullunglb@gmail.com	-	0403 703 942	-	54 Blackwood Street, Gerringong, NSW, 2534	-
Wurrumay Pty Ltd	Kerrie Slater; Vicky Slater	wurrumay31@outlook.com	-	0421 077 521	-	89 Pyramid Street, Emu Plains NSW 2750	-
Yerramurra (Murrin Clan/Peoples) and Taste of Tradition Native Aboriginal Corporation	Robert Parson	yerramurra@gmail.com	-	-	-	-	-
Yulay Cultural Services	Arika Jalomaki (Manager)	yulayculturalservices@gmail.com	-	0481 251 385 0411 048 794	-	28 Poplar Street North St Mary's NSW 2760 15 Rowley Place, Airs NSW 2560	-
Yurrandaali	Bo Field (Manager)	yurrandaali_cs@hotmail.com	-	0403 048 263	-	6 MacGibbon Parade, Old Erowal Bay NSW 2540	-

Yurwang Gundana Consultancy Cultural Heritage Services.	Dean Bell ; Merekai Bell	ngunawal56@outlook.com Yurwang.Gundana.C.H.S@outlook.com	-	0419 142 862	-	PO Box 5628 SOUTH WINDSOR NSW 2756	-
Bariyan Cultural Connections	Kayelene Terry	bariyan.culturalconnections@gmail.com	-	0412 061 893	-	-	-
Wallanbah Aboriginal Site Conveyancing	Kelvin Boney	kelvingoogieboney@gmail.com	-	0432 143 205	-	-	-
RAW Cultural Healing	Raymond Weatherall	RAW.CulturalHealing@hotmail.com		0411 962 602		8 Rosslyn Dr, Claymore NSW 2559 PO Box N74, Campbelltown North NSW 2560	
Gali Heritage Consultants	Helen Slater	Helens27@outlook.com		0431 232 560		7 Sutton Place Minto NWS 2566.	
Ninum	Kevin Campbell , Marnya Donovan	ninum_group@outlook.com		Marnya Donovan 0434574466 Kevin Campbell 0403421264		19 Corkwood St Albion Park Rail 2527	
Long Gully Cultural Services	Ethan Trewlynn	Ethan3trewlynn@gmail.com		0401424853		57 Brooker Street Colyton NSW 2760	
Guthers Aboriginal Corporation	Trystan Treloar	guthersic@gmail.com		0450 514 076		7 Grazier Crescent Werrington Downs/847	
Damo digs	Damien Morrison	damomorrison781@gmail.com		0479020630		5 Deirdre Drive Riverstone NSW 2765	

Gadu chts	Colin Walker – Chairperson	gaduchts@gmail.com		0401313978			
Bill Trewlynn	Bill Trewlynn	wtrewlynn@hotmail.com		0439423614 or 0431173303		282 Pringle Road Retreat NSW 2355	
Pearl Depoma	Pearl Depoma	pearl-depoma@hotmail.com		0404 158 006		21 Pemberton Street Parramatta NSW 2150	
Nattai Aboriginal Culture & Heritage Consultation Service	Alan Medhurst	ngunduwaa@live.com.au		0452106830			

From: [Crystal Garabedian](#)
To: [Josh Staines](#)
Subject: RE: Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies (40309)
Date: Thursday, 18 January 2024 9:11:10 AM
Attachments: [image001.png](#)
[image003.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[image009.png](#)
[image010.png](#)
[image215278.png](#)
[image464218.png](#)
[image385769.png](#)
[image981424.png](#)
[image275362.png](#)

Hi Josh,

Thank you for reaching out. Do you have any contact information for them?

Kind regards,
Crystal Garabedian

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

📞 0456 625 253
☎ (02) 9101 8727
✉ CGarabedian@biosis.com.au
🌐 www.biosis.com.au



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From: Josh Staines <Josh.Staines@penrith.city>
Sent: Thursday, January 18, 2024 8:38 AM
To: Crystal Garabedian <CGarabedian@biosis.com.au>
Subject: RE: Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies (40309)

Hi Crystal,

Hope you're well.

Can I please send this through the Nepean Blue Mountain Aboriginal Network? The network will assist in getting this information out to people that might be able to help.

Warmest regards,

Josh Staines
Senior Policy Officer - Aboriginal
City Activation Community and Place

E Josh.Staines@penrith.city
T [+61247327457](tel:+61247327457) | F | M [0499577458](tel:0499577458)
PO Box 60, PENRITH NSW 2751
www.visitpenrith.com.au
www.penrithcity.nsw.gov.au



From: Crystal Garabedian <CGarabedian@biosis.com.au>
Sent: Monday, January 15, 2024 3:56 PM
To: Penrith City Council - RECORDS <council@penrith.city>
Subject: Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies (40309)

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Good afternoon,

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the Environmental Planning and Assessment Act 1979.

As per Section 4.1 of the consultation requirements, Biosis is seeking to identify Aboriginal people who may have an interest in the study area and hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or places in the Kemps Creek area. If you could please provide contact details for any such Aboriginal people or organisations by 5:00pm 29 January 2024 it would be greatly appreciated.

All correspondence regarding provision of names and contact details of Aboriginal people who may hold cultural knowledge relevant to the study area should be provided in writing by 5:00pm 29 January 2024 to:

Crystal Garabedian
Biosis Pty Ltd
14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au
0456 625 253

If you have any queries regarding the project, please don't hesitate to contact me on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely,
Crystal

Crystal Garabedian She/Her
Heritage Consultant

☎ [0456 625 253](tel:0456625253)
☎ [\(02\) 9101 8727](tel:0291018727)
✉ CGarabedian@biosis.com.au
🌐 www.biosis.com.au



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From: [Josh Staines](#)
To: [Crystal Garabedian](#)
Subject: RE: Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies (40309)
Date: Thursday, 18 January 2024 8:38:20 AM
Attachments: [image001.png](#)
[image003.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[image009.png](#)
[image010.png](#)

Hi Crystal,

Hope you're well.

Can I please send this through the Nepean Blue Mountain Aboriginal Network? The network will assist in getting this information out to people that might be able to help.

Warmest regards,

Josh Staines
Senior Policy Officer - Aboriginal
City Activation Community and Place

E Josh.Staines@penrith.city
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www.visitpenrith.com.au
www.penrithcity.nsw.gov.au



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Sent: Monday, January 15, 2024 3:56 PM
To: Penrith City Council - RECORDS <council@penrith.city>
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Yours sincerely,
Crystal

Crystal Garabedian She/Her
Heritage Consultant

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From: [Josh Staines](#)
To: [Crystal Garabedian](#)
Subject: RE: Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies (40309)
Date: Monday, 22 January 2024 1:03:51 PM
Attachments: [image001.png](#)
[image003.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[image009.png](#)
[image010.png](#)

Hi Crystal,

The best contacts are:

1. Mitchell Beggs-Mowczan Mitchell.Beggs-Mowczan@nbmphn.com.au
2. Carolyn.gilbert@nepeancommunity.org.au carolyn.gilbert@nepeancommunity.org.au

Warmest regards,

Josh Staines
Senior Policy Officer - Aboriginal
City Activation Community and Place

E Josh.Staines@penrith.city
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From: [Geospatial Search Requests](#)
To: [Crystal Garabedian](#)
Subject: RE: SR24/52 - Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies (40309) - SR24/52 [SEC=OFFICIAL]
Date: Wednesday, 17 January 2024 11:19:19 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

OFFICIAL

Your ref: *Matter no.* **Our ref:** *SR24/52*

Dear Crystal Garabedian,

Thank you for your search request, please find your results below.

Search Results

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

- Schedule of Native Title Determination Applications
- Register of Native Title Claims
- Native Title Determinations
- Indigenous Land Use Agreements (Registered and notified)

Results for overlapping native title matters in NSW:

Feature ID	Tenure	Cadastre Data As At	Feature Area SqKm	Overlapping Native Title Feature			
				NNTT File Number	Name	Category	% Selected Feature
Road between Lot 8 DP253503 and Lot 6 DP250002		4/05/2023		No overlap			0.00%

For more information about the Tribunal's registers or to search the registers yourself and obtain copies of relevant register extracts, please visit our [website](#).

Information on native title claims and freehold land can also be found on the Tribunal's website here: [Native title claims and freehold land](#).

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

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

Search results and the existence of native title

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

The Tribunal accepts no liability for reliance placed on enclosed information

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

If you have any further queries, please do not hesitate to contact us via GeospatialSearch@NNTT.gov.au

Regards,

Geospatial Searches

National Native Title Tribunal | Perth

Email: GeospatialSearch@nntt.gov.au | www.nntt.gov.au

From: Crystal Garabedian <CGarabedian@biosis.com.au>
Sent: Monday, January 15, 2024 12:57 PM
To: Geospatial Search Requests <GeospatialSearch@NNTT.gov.au>; Enquiries <Enquiries@nntt.gov.au>
Subject: SR24/52 - Aldington, Abbots and Mamre Road Upgrade Works: Aboriginal Cultural Heritage Assessment—Notification to Agencies (40309)

Caution: This is an external email. DO NOT click links or open attachments unless you recognise the sender and know the content is safe.

Good afternoon,

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the Environmental Planning and Assessment Act 1979.

As per Section 4.1 of the consultation requirements, Biosis is seeking to identify Aboriginal people who may have an interest in the study area and hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or places in the Kemps Creek area. If you could please provide contact details for any such Aboriginal people or organisations by 5:00pm 29 January 2024 it would be greatly appreciated.

All correspondence regarding provision of names and contact details of Aboriginal people who may hold cultural knowledge relevant to the study area should be provided in writing by 5:00pm 29 January 2024 to:

Crystal Garabedian
Biosis Pty Ltd
14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au
0456 625 253

If you have any queries regarding the project, please don't hesitate to contact me on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely,
Crystal

Crystal Garabedian She/Her
Heritage Consultant

☎ [0456 625 253](tel:0456625253)
☎ [\(02\) 9101 8727](tel:(02)91018727)
✉ CGarabedian@biosis.com.au
🌐 www.biosis.com.au



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Crystal Garabedian She/Her
Heritage Consultant

☎ [0456 625 253](tel:0456625253)
☎ [\(02\) 9101 8727](tel:(02)91018727)
✉ CGarabedian@biosis.com.au
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From: [lilly_carroll](#)
To: [Crystal Garabedian](#)
Subject: EOI
Date: Thursday, 18 January 2024 10:27:03 PM

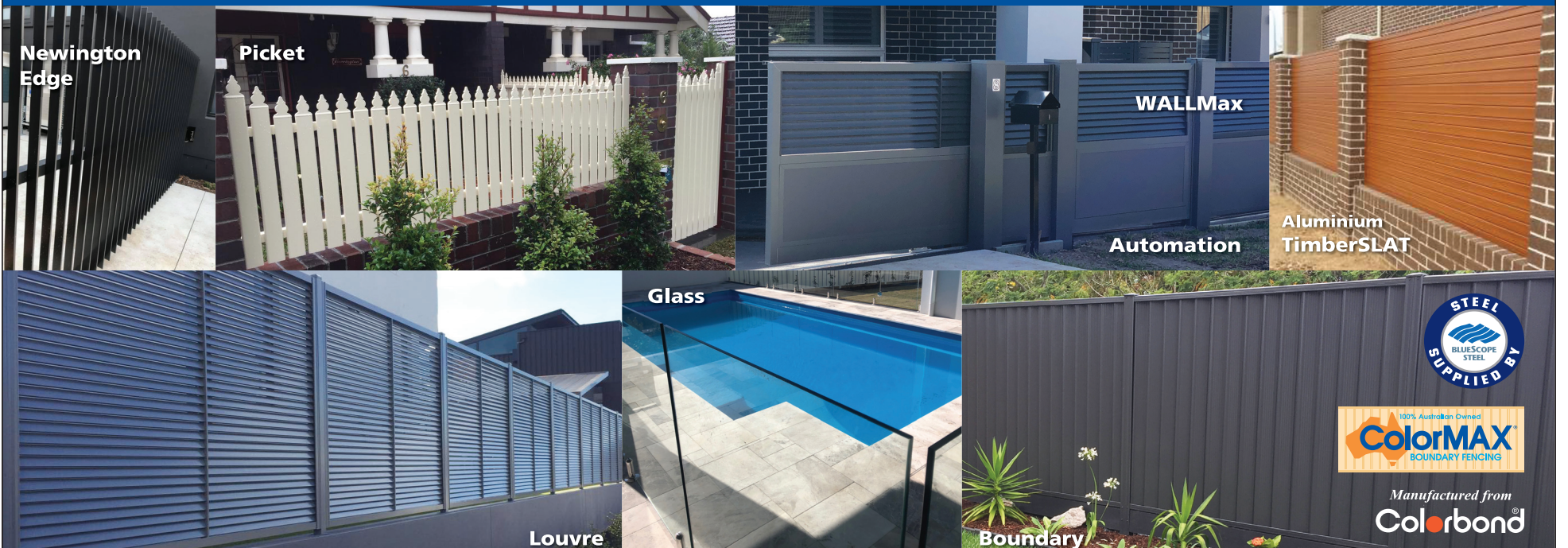
Hi Crystal

DNC would like to register an interest into the proposed upgrades to Aldington Rd, Abbot's Rd and part of Mamre Rd @ Kemps Creek

Kind regards
Paul Boys & Lilly Carroll
Directors DNC
0426823944

[Sent from Yahoo Mail for iPhone](#)

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NOTIFICATION AND REGISTRATION OF ABORIGINAL INTEREST

Biosis is undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for proposed upgrades to Aldington Road, Abbotts Road and part of Mamre Road at Kemps Creek, NSW, within the Penrith Local Government Area on behalf of AT&L (Debbie Fransen, debbie.f@atl.net.au). The project will be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

In accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010), Biosis invites Aboriginal people who hold cultural knowledge in determining the significance of Aboriginal objects and/or Places in the vicinity of the above area to register their interest in a process of community consultation.

The purpose of Aboriginal community consultation is to provide sufficient information for the assessment of Aboriginal cultural heritage values, and to assist the Minister of Planning for the Department of Planning, Housing and Infrastructure in the consideration and determination of the application.

For more information or to register in writing, please contact Crystal Garabedian on cgarabedian@biosis.com.au, Unit 14, 17-27 Power Avenue, Alexandria NSW 2015, or (02) 9101 8700.

Please note that the name of each group that registers for consultation on this project will be provided to Heritage NSW, Department of Climate Change, Energy, the Environment and Water and the Local Aboriginal Land Council unless the group specifies that they do not want their details released.

REGISTRATIONS MUST BE RECEIVED BEFORE 5:00pm 2 February 2024

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30 January 2024

Mitchell Beggs-Mowczan
Nepean Blue Mountain Aboriginal Network

Dear Mitchell Beggs-Mowczan,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

Biosis is assisting AT&L with consultation with the Aboriginal community to inform the ACHA. Consultation with the Aboriginal community for this assessment will be undertaken in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010) (consultation requirements).

The purpose of the Aboriginal community consultation is to provide sufficient information for the assessment of Aboriginal cultural heritage values and to assist the Planning Assessment Commission under delegation from the Minister of Planning for the Department of Planning, Housing and Infrastructure in the consideration and determination of the SSD application. The project will be undertaken in accordance with the *National Parks and Wildlife Act 1974*.

On behalf of AT&L, Biosis therefore invites Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s)/and or Places in the vicinity of the study area, to register their interest in the project outlined above.

If you wish to register your interest, please provide your contact details in writing via post or email by **5:00pm 13 February 2024** to:

Crystal Garabedian

Biosis Pty Ltd
14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

In accordance with Section 4.1.3(a) of the consultation requirements, please note that the relevant client contact for this project is:

Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

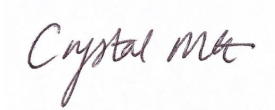
AT&L

Debbie Fransen
Design Project Manager
(02) 9439 1777
debbie.f@atl.net.au

Please note that as per Section 4.1.5 of the consultation requirements, the contact details of all registered Aboriginal parties for this project will be forwarded through to Heritage NSW, Department of Climate Change, Energy, the Environment and Water (Heritage NSW) and Deerubbin Local Aboriginal Land Council (LALC). If you do not want your details forwarded on to the Heritage NSW and LALC please notify Biosis at the time of your registration.

If you have any queries regarding the project, please don't hesitate to contact me on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Carolyn Gilbert
Nepean Blue Mountain Aboriginal Network

Dear Carolyn Gilbert,

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Our Ref: Matter: 40309

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Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

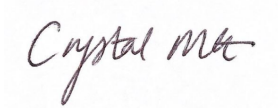
AT&L

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30 January 2024

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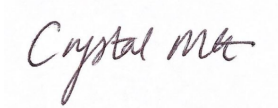
AT&L

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debbie.f@atl.net.au

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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Carolyn Hickey
A1 Indigenous Services
10 Marie Pitt Place, Glenmore Park, NSW, 2745

Dear Carolyn Hickey,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

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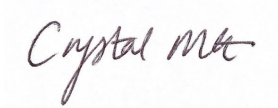
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Amanda Hickey
Amanda Hickey Cultural Services
57 Gough Steet, Emu Plains, NSW, 2750

Dear Amanda Hickey,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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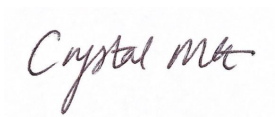
AT&L

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debbie.f@atl.net.au

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If you have any queries regarding the project, please don't hesitate to contact me on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Jamie Eastwood
Aragung Aboriginal Cultural Heritage Site Assessments
33 Bulolo Drive, Whalan, NSW, 2770

Dear Jamie Eastwood,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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Biosis Pty Ltd
14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

In accordance with Section 4.1.3(a) of the consultation requirements, please note that the relevant client contact for this project is:

Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

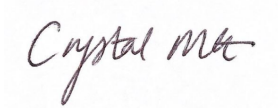
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Ralph Hampton
B.H. Heritage Consultants
184 Captain Cook Drive, Willmot, 2770, NSW

Dear Ralph Hampton,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

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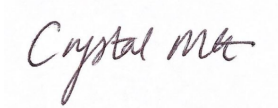
AT&L

Debbie Fransen
Design Project Manager
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debbie.f@atl.net.au

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If you have any queries regarding the project, please don't hesitate to contact me on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Nola Hampton
B.H. Heritage Consultants
95 Mount Ettalong Road, Umina Beach, 2257, NSW

Dear Nola Hampton,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

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Crystal Garabedian
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14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

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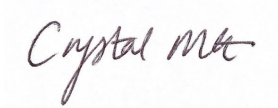
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Karia Lea Bond
Badu (Murrin Clan/Peoples)
11 Jeffery Place, Moruya, NSW, 2537

Dear Karia Lea Bond,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

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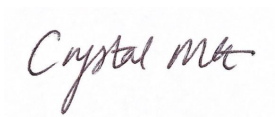
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Mrs Jody Kulakowski
Barking Owl Aboriginal Corporation
2-65/69 Wehlow St. Mt Druitt

Dear Mrs Jody Kulakowski,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

Email: sydney@biosis.com.au

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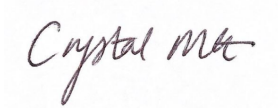
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Lee Field
Barraby Cultural Services
334 Argyle Street, Picton NSW 2571

Dear Lee Field,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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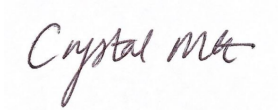
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Seli Storer
Biamanga (Murrin Clan/Peoples)

Dear Seli Storer,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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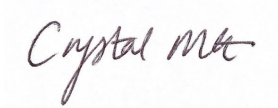
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

James Carroll
Bidjawang Aboriginal Corporation
22 McKinley Place Cherrybrook NSW 2126

Dear James Carroll,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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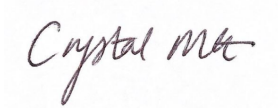
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30 January 2024

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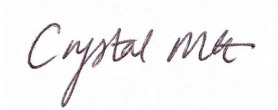
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Simalene Carriage
Bilinga (Murrin Clan/Peoples)

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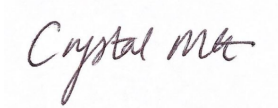
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Crystal Garabedian
Heritage Consultant

30 January 2024

Dean Carroll
Black Duck Aboriginal Corporation
83 William Street, Werrington NSW 2747

Dear Dean Carroll,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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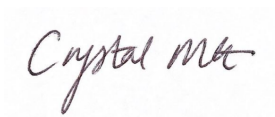
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Jennifer Beale
Butucarbin Aboriginal Corporation
PO Box E18, Emerton, NSW 2770

Dear Jennifer Beale,

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Our Ref: Matter: 40309

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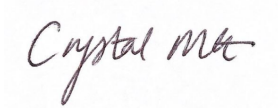
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Clive Freeman
Clive Freeman
6 Dhugan Close Wreck Bay Aboriginal Community JBT 2540

Dear Clive Freeman,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

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On behalf of AT&L, Biosis therefore invites Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s)/and or Places in the vicinity of the study area, to register their interest in the project outlined above.

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Crystal Garabedian
Biosis Pty Ltd
14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

In accordance with Section 4.1.3(a) of the consultation requirements, please note that the relevant client contact for this project is:

Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

Email: sydney@biosis.com.au

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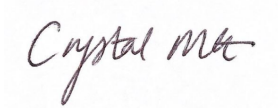
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Marilyn Carroll-Johnson
Corroboree Aboriginal Corporation
PO BOX 344 LITHGOW NSW 2790

Dear Marilyn Carroll-Johnson,

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Our Ref: Matter: 40309

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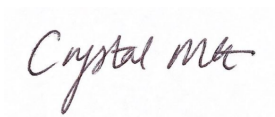
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Corey Smith
Cullendulla (Murrin Clan/Peoples)

Dear Corey Smith,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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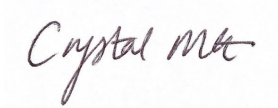
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Paul Hand
Darug Boorooberongal Elders Aboriginal Corporation
PO.Box 14 Doonside NSW 2767

Dear Paul Hand,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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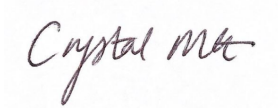
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Justine Coplin
Darug Custodian Aboriginal Corporation
PO Box 81, Windsor NSW 2756

Dear Justine Coplin,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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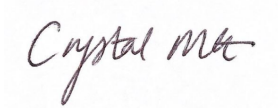
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Anna Workman
Darug Land Observations
PO Box 173, Ulladulla, NSW 2539

Dear Anna Workman,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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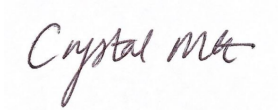
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Crystal Garabedian
Heritage Consultant

30 January 2024

Jamie Workman
Darug Land Observations
PO Box 173, Ulladulla, NSW 2539

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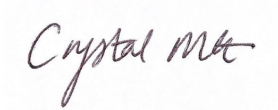
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30 January 2024

Anna O'Hara
Darug Land Observations
PO Box 173, Ulladulla, NSW 2539

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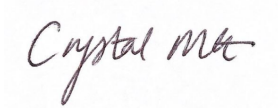
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Heritage Consultant

30 January 2024

Kevin Cavanagh
Deerubbin Local Aboriginal Land Council
Level 1, Suite 3-291-295 High Street, Penrith NSW 2750

Dear Kevin Cavanagh,

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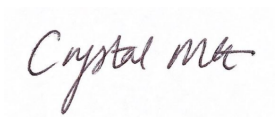
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Yours sincerely,



Crystal Garabedian
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30 January 2024

Andrew Bond
Dharug (Murrin Clan/Peoples)

Dear Andrew Bond,

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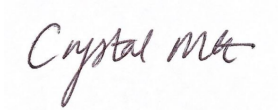
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30 January 2024

Dirk Schmitt
Dharug Ngurra Aboriginal Corporation
PO Box 441, Blacktown NSW 2148

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Crystal Garabedian
Biosis Pty Ltd
14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

In accordance with Section 4.1.3(a) of the consultation requirements, please note that the relevant client contact for this project is:

Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

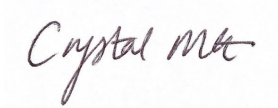
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Debbie Fransen
Design Project Manager
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debbie.f@atl.net.au

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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Stephen Fields
Dhinawan Culture & Heritage Pty Ltd

Dear Stephen Fields,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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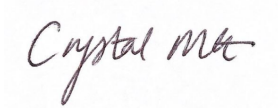
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Lillie Carroll and Paul Boyd
Didge Ngunawal Clan
33 Carlyle Crescent Cambridge Gardens NSW 2747

Dear Lillie Carroll and Paul Boyd,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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ACN 006 175 097

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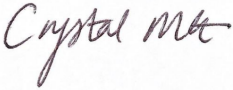
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Darren Duncan
DJMD Consultancy

Dear Darren Duncan,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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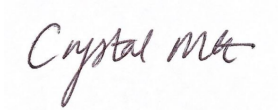
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Heritage Consultant

30 January 2024

Robert Slater
Galamaay Cultural Consultants (GCC)
121 Roberts Street, Tamworth NSW 2340

Dear Robert Slater,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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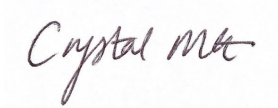
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Yours sincerely,



Crystal Garabedian
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30 January 2024

Carol Slater
Gilay Consultants
6 MacGibbon Parade, Old Erowal Bay NSW 2540

Dear Carol Slater,

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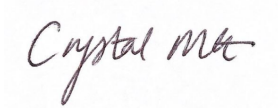
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Steven Johnson and Krystle Carroll
Ginninderra Aboriginal Corporation
PO BOX 3143 Grose Vale NSW 2754

Dear Steven Johnson and Krystle Carroll,

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Our Ref: Matter: 40309

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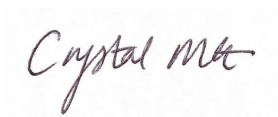
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Crystal Garabedian
Heritage Consultant

30 January 2024

Basil Smith
Goobah Development PTY LTD (Murrin Clan/Peoples)
66 Grantham Road, Batehaven NSW, 2536

Dear Basil Smith,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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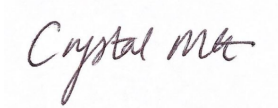
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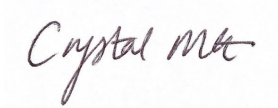
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Crystal Garabedian
Heritage Consultant

30 January 2024

Caine Carroll
Goodradigbee Cultural & Heritage Aboriginal Corporation
1 Morilla Road, East Kurrajong NSW 2758

Dear Caine Carroll,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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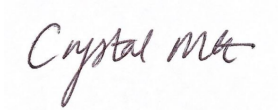
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30 January 2024

Wendy Smith
Gulaga

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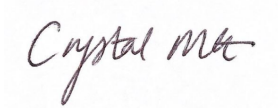
AT&L

Debbie Fransen
Design Project Manager
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debbie.f@atl.net.au

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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Shayne Dickson
Gunjeewong Cultural Heritage Aboriginal Corporation
2 Rutherford street Blacktown 2148

Dear Shayne Dickson,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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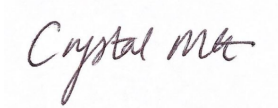
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Wendy Morgan
Guntawang Aboriginal Resources Incorporated
113 Reservoir Road Mt Pritchard NSW 2170

Dear Wendy Morgan,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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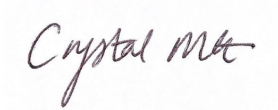
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Kylie Ann Bell
Gunyyuu (Murrin Clan/Peoples)

Dear Kylie Ann Bell,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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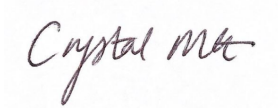
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Patricia Hampton
HSB Consultants; HSB Heritage Consultants
62 Ropes Crossing Boulevard, Ropes Crossing 2760

Dear Patricia Hampton,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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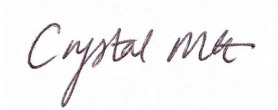
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Joanne Anne Stewart
Jerringong (Murrin Clan/Peoples)
2/10 Burnett Avenue Gerringong NSW 2534

Dear Joanne Anne Stewart,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

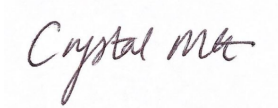
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30 January 2024

Julia Narayan
Julia Narayan

Dear Julia Narayan,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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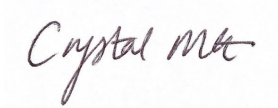
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Crystal Garabedian
Heritage Consultant

30 January 2024

Phil Khan
Kamilaroi Yankuntjatjara Working Group
78 Forbes Street, Emu Plains, NSW 2750

Dear Phil Khan,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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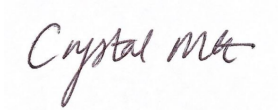
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Crystal Garabedian
Heritage Consultant

30 January 2024

Robert Young
Konanggo Aboriginal Cultural Heritage Services
2/42 Crawford Road, Brighton Le Sands 2216 NSW

Dear Robert Young,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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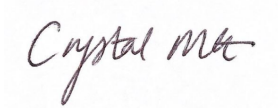
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Heritage Consultant

30 January 2024

Korri Currell
Koori Digs Services
15 Sandakan Crescent Lethbridge Park 2770

Dear Korri Currell,

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Our Ref: Matter: 40309

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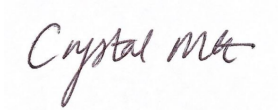
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Heritage Consultant

30 January 2024

Dean Delponte
Mundawari Heritage Consultants
245 Ash Road Prestons NSW 2170

Dear Dean Delponte,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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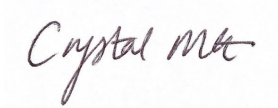
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30 January 2024

Kaya Dawn Bell
Munyunga (Murrin Clan/Peoples)

Dear Kaya Dawn Bell,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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Crystal Garabedian
Biosis Pty Ltd
14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

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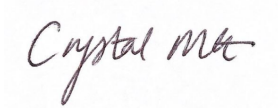
AT&L

Debbie Fransen
Design Project Manager
(02) 9439 1777
debbie.f@atl.net.au

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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Phillip Carroll
Mura Indigenous Corporation (icn:8991)
66 Montague Street Goulburn 2580

Dear Phillip Carroll,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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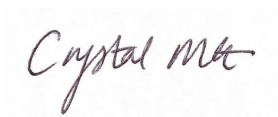
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Jesse Johnson
Muragadi Heritage Indigenous Corporation
5 Hession Road, Nelson, NSW 2765

Dear Jesse Johnson,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

Email: sydney@biosis.com.au

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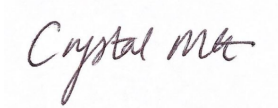
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Darleen Johnson
Murra Bidgee Mullangari Aboriginal Corporation
PO Box 3035 Rouse Hill NSW 2155

Dear Darleen Johnson,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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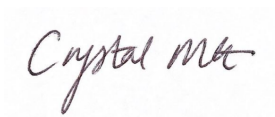
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30 January 2024

Roxanne Smith
Murramarang (Murrin Clan/Peoples)

Dear Roxanne Smith,

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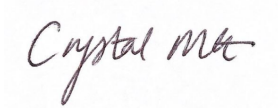
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Mark Henry
Murrumbul (Murrin Clan/Peoples)

Dear Mark Henry,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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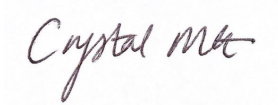
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Heritage Consultant

30 January 2024

Kaarina Slater
Ngambaa Cultural Connections
Unit 29,11 Phillip Street St Marys NSW 2760

Dear Kaarina Slater,

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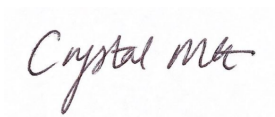
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30 January 2024

Newton Carriage
Nundagurri (Murrin Clan/Peoples)

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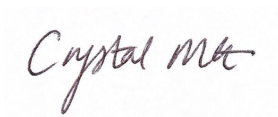
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Crystal Garabedian
Heritage Consultant

30 January 2024

Pemulwuy Johnson
Pemulwuy (Murrin Clan/Peoples)
14 Top Place, Mt Annan

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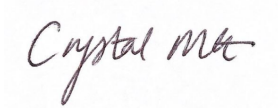
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Heritage Consultant

30 January 2024

Tony Williams
Rane Consulting
1 Pyrenees Way Beaumont Hills NSW 2155

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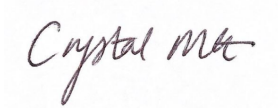
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30 January 2024

Shane Carriage
Thauaira

Dear Shane Carriage,

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14/17–27 Power Avenue, Alexandria

cgarabedian@biosis.com.au

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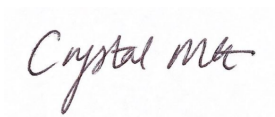
AT&L

Debbie Fransen
Design Project Manager
(02) 9439 1777
debbie.f@atl.net.au

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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Jason Mitchell
Thawun Aboriginal Consultancy
35 Bronzewing st Tahmoor NSW 2573

Dear Jason Mitchell,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

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Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

Email: sydney@biosis.com.au

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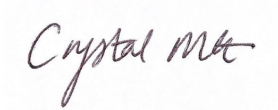
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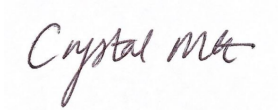
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Crystal Garabedian
Heritage Consultant

30 January 2024

Thomas Dahlstrom
Thomas Dahlstrom Offers ACH value by using 3D Laser and Drone technology
1-122 Glebe Point Road Glebe NSW 2037

Dear Thomas Dahlstrom,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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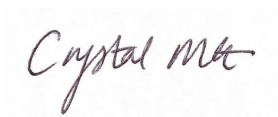
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

John Carriage
Thoorga Nura
50B Hilltop Crescent, Surf Beach, 2536, NSW

Dear John Carriage,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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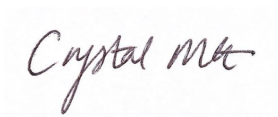
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Scott Franks
Scott Franks on the behalf od the Wonnarua PBC
Po box 145, Miranda NSW 1490

Dear Scott Franks,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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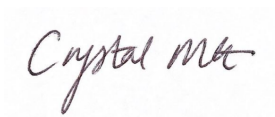
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Yarrawalk Pty Ltd
Po box 145, Miranda NSW 1490

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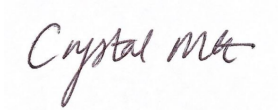
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Heritage Consultant

30 January 2024

Rodney Gunther
Waawaar Awaa Aboriginal Corporation
15 Bungonia Street Prestons NSW 2170

Dear Rodney Gunther,

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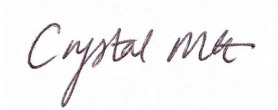
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Heritage Consultant

30 January 2024

Barry Gunther
Waawaar Awaa Aboriginal Corporation
15 Bungonia Street Prestons NSW 2170

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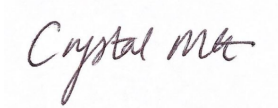
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30 January 2024

Philip Boney
Wailwan Aboriginal Group

Dear Philip Boney,

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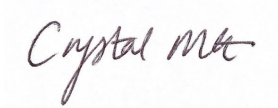
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30 January 2024

Hika Te Kowhai
Walbunja (Murrin Clan/Peoples)
15 Renee Crescent MORUYA HEADS NSW 2537

Dear Hika Te Kowhai,

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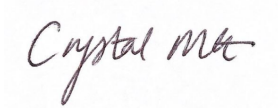
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Ronald Stewart
Walgalu (Murrin Clan/Peoples)

Dear Ronald Stewart,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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Crystal Garabedian
Biosis Pty Ltd
14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

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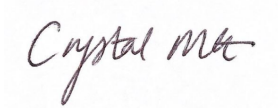
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Design Project Manager
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Aaron Slater
Warragil Cultural Services
33 Gardner Circuit Singleton NSW 2566.

Dear Aaron Slater,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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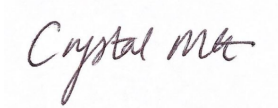
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Steven Hickey
Widescope Indigenous Group
73 Russell Street, Emu Plains, NSW 2750

Dear Steven Hickey,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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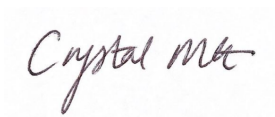
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Donna Hickey
Widescope Indigenous Group
73 Russell Street, Emu Plains, NSW 2750

Dear Donna Hickey,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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Unit 14, 17-27 Power Avenue
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ACN 006 175 097

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Email: sydney@biosis.com.au

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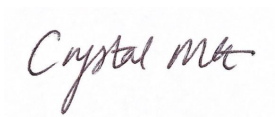
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Hayley Bell
Wingikara (Murrin Clan/Peoples)

Dear Hayley Bell,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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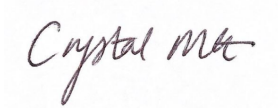
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Steven Johnson
Woka Aboriginal Corporation
145 Carnarvon Road Schofields NSW 2762

Dear Steven Johnson,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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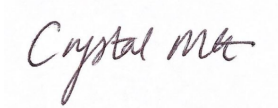
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Crystal Garabedian
Heritage Consultant

30 January 2024

Daniel Chalker
Wori Woilywa
261 Mockingbird Rd Pheasants Nest NSW 2574

Dear Daniel Chalker,

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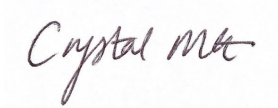
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Crystal Garabedian
Heritage Consultant

30 January 2024

Lee-Roy James Boota
Wullung (Murrin Clan/Peoples)
54 Blackwood Street, Gerringong, NSW, 2534

Dear Lee-Roy James Boota,

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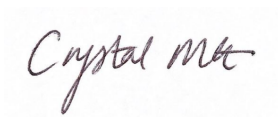
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Crystal Garabedian
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30 January 2024

Kerrie Slater and Vicky Slater
Wurrumay Pty Ltd
89 Pyramid Street, Emu Plains NSW 2750

Dear Kerrie Slater and Vicky Slater,

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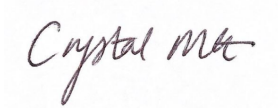
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Crystal Garabedian
Heritage Consultant

30 January 2024

Robert Parson
Yerramurra (Murrin Clan/Peoples) and Taste of Tradition Native Aboriginal Corporation

Dear Robert Parson,

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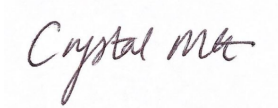
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Crystal Garabedian
Heritage Consultant

30 January 2024

Arika Jalomaki
Yulay Cultural Services
28 Poplar Street North St Mary's NSW 2760

Dear Arika Jalomaki,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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Crystal Garabedian
Biosis Pty Ltd
14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

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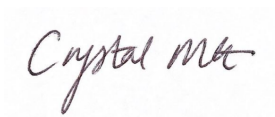
AT&L

Debbie Fransen
Design Project Manager
(02) 9439 1777
debbie.f@atl.net.au

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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Bo Field
Yurrandaali
6 MacGibbon Parade, Old Erowal Bay NSW 2540

Dear Bo Field,

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Our Ref: Matter: 40309

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Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

Email: sydney@biosis.com.au

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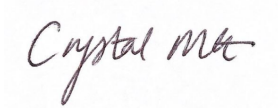
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Heritage Consultant

30 January 2024

Dean Bell
Yurwang Gundana Consultancy Cultural Heritage Services.
PO Box 5628 SOUTH WINDSOR NSW 2756

Dear Dean Bell,

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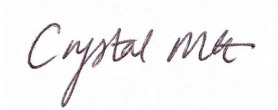
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Heritage Consultant

30 January 2024

Merekai Bell
Yurwang Gundana Consultancy Cultural Heritage Services.
PO Box 5628 SOUTH WINDSOR NSW 2756

Dear Merekai Bell,

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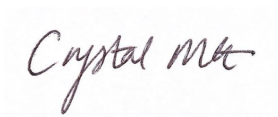
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30 January 2024

Kayelene Terry
Bariyan Cultural Connections

Dear Kayelene Terry,

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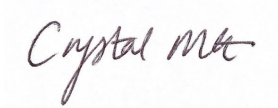
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Crystal Garabedian
Heritage Consultant

30 January 2024

Kelvin Boney
Wallanbah Aboriginal Site Conveyancing

Dear Kelvin Boney,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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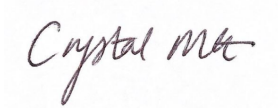
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Crystal Garabedian
Heritage Consultant

30 January 2024

Raymond Weatherall
RAW Cultural Healing
PO Box N74, Campbelltown North NSW 2560

Dear Raymond Weatherall,

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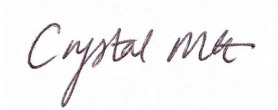
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Heritage Consultant

30 January 2024

Helen Slater
Gali Heritage Consultants
7 Sutton Place Minto NWS 2566.

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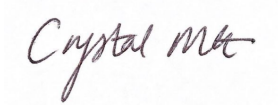
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Heritage Consultant

30 January 2024

Kevin Campbell and Marnya Donovan
Ninnum
19 Corkwood St Albion Park Rail 2527

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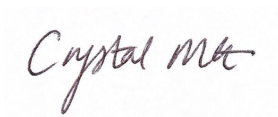
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Heritage Consultant

30 January 2024

Ethan Trewlynn
Long Gully Cultural Services
57 Brooker Street, Colyton NSW 2760

Dear Ethan Trewlynn,

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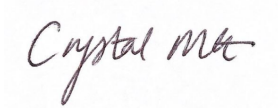
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30 January 2024

Trystan Treloar
Guthers Aboriginal Corporation
7 Grazier Crescent Werrington Downs/847

Dear Trystan Treloar,

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14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

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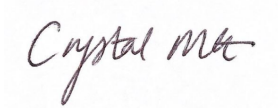
AT&L

Debbie Fransen
Design Project Manager
(02) 9439 1777
debbie.f@atl.net.au

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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Damien Morrison
Damo digs
5 Deirdre Drive, Riverstone NSW 2765

Dear Damien Morrison,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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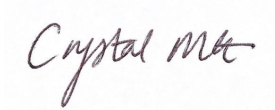
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Colin Walker
Gadu chts

Dear Colin Walker,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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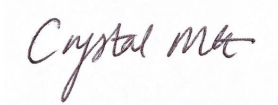
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Bill Trewlynn
Bill Trewlynn
282 Pringle Road Retreat NSW 2355

Dear Bill Trewlynn,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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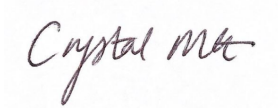
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Pearl Depoma
Pearl Depoma
21 Pemberton Street Parramatta NSW 2150

Dear Pearl Depoma,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

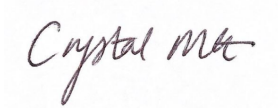
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Alan Medhurst
Nattai Aboriginal Culture & Heritage Consultation Service

Dear Alan Medhurst,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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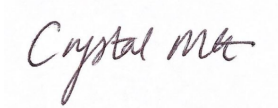
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Crystal Garabedian
Heritage Consultant

30 January 2024

Gordon Morton
Darug Aboriginal Cultural Heritage Assessments
Unit 9/6 Chapman Avenue, Chatswood, NSW 2067

Dear Gordon Morton,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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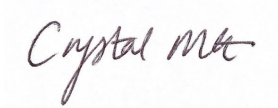
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Aaron Broad
Minnamunnung
1 Waratah Avenue, Albion Park Rail NSW 2527

Dear Aaron Broad,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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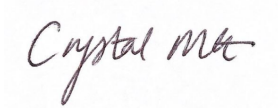
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Anthony Williams
Anthony Williams
Unit 2/24 Goodwin Street, Narrabeen NSW 2101

Dear Anthony Williams,

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Our Ref: Matter: 40309

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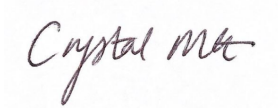
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Yours sincerely,



Crystal Garabedian
Heritage Consultant

30 January 2024

Wendy Morgan
Guntawang Aboriginal Resources Incorporated
113 Reservoir Road Mt Pritchard NSW 2170

Dear Wendy Morgan,

Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Our Ref: Matter: 40309

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Sydney

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097

ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

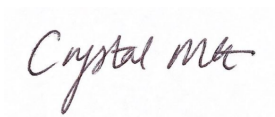
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Crystal Garabedian
Heritage Consultant

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'ngunduwaa@live.com.au'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'pearl-depoma@hotmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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cgarabedian@biosis.com.au

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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'wtrewlynn@hotmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'gaduchts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'damomorrison781@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'guthersic@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'Ethan3trewlynn@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'ninum_group@outlook.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'Helens27@outlook.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'RAW.CulturalHealing@hotmail.com'
Subject: 40309- Aldington, Abbotts, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'kelvingoogieboney@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'bariyan.culturalconnections@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'Yurwang.Gundana.C.H.S@outlook.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'ngunawal56@outlook.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'yurrandaali_cs@hotmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'yulayculturalservices@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'yerramura@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'wurrumay31@outlook.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'wullunglb@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'woriwoolywa@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'wokacorp@yahoo.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'wingikarachts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'Widescope.group@live.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'Warragil_c.s@hotmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'walgaluchts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'walbunja@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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bbaonza@biosis.com.au

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'waarlan12@outlook.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 12:32 PM
To: wenlissa01@hotmail.com
Subject: 40309 - Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: PDFMailer.pdf

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☎ (02) 4201 1090
✉ Bbaonza@biosis.com.au
🌐 www.biosis.com.au



Leaders in Ecology, Heritage and Environmental Approvals

Biosis acknowledges the Aboriginal and Torres Strait Islander people as Traditional Custodians of the country on which we live and work. We pay our respects to the Traditional Custodians and Elders past, present and future, and honour their connection to the land and on

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'Waawaar.awaa@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'scott@yarrowalk.com.au'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'scott@tocomwall.com.au'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'thoorganura@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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14/17–27 Power Avenue, Alexandria
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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'gamila_roi@yahoo.com.au'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'Thawunconsultancy@outlook.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'jason.mitchell9@outlook.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'thauairachts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'ajw1901@bigpond.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'pemulwuyd@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'nundagurri@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'ngambaa.culturalconnections@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'murrumbul@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'murramarangchts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'murrabidgeemullangari@yahoo.com.au'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'muragadi@yahoo.com.au'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'mura.cultureservices@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'munyungachts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:52 AM
To: 'mundawari.hc@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'kooridigs@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Graduate Heritage Consultant
bbaonza@biosis.com.au

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'konanggo_consultancy@hotmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Biosis Pty Ltd
14/17–27 Power Avenue, Alexandria
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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'philipkhan.acn@live.com.au'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'juliaannnarayan2018@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'jerringong@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'pamelaann@live.com.au'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'gunyuuchts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'gunjeewongculturalheritage21@hotmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'gulagachts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'goodradigbee1@outlook.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'bunjil.smith@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'goobahchts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'Ginninderra.corp@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'cal.slater61@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'galamaay@hotmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'darrenjohnduncan@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'didgengunawalclan@yahoo.com.au'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'dhinawan.ch@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'archaeology@धारुगुर्रा.org.au'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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bbaonza@biosis.com.au

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'dharugchts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'srandall@deerubbin.org.au'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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bbaonza@biosis.com.au

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'daruglandobservations@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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To: 'daruglandobservations@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'justinecoplin@optusnet.com.au'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'paulhand1967@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'cullendullachts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'corroboreecorp@outlook.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'clive.freeman@y7mail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'butuheritage@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'Dean.carroll85@hotmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'bilingachts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'bidjawong@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'jrcarroll888@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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bbaonza@biosis.com.au

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'biamangachts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Crystal Garabedian
Biosis Pty Ltd
14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'barrabyculturalservices@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'barkingowlcorp@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'baduchts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'kinghampton77@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: hamptonralph46@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: James.eastwood@y7mail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: amandahickey@live.com.au
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: cazadirect@live.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: carolyn.gilbert@nepeancommunity.org.au
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: Carolyn.gilbert@nepeancommunity.org.au
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: Mitchell.Beggs-Mowczan@nbmphn.com.au
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: gunjeewongculturalheritage21@hotmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: gulagachts@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: goodradigbee1@outlook.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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Graduate Heritage Consultant
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: bunjil.smith@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: goobahchts@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: Ginninderra.corp@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: cal.slater61@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: galamaay@hotmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: darrenjohnduncan@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: didgengunawalclan@yahoo.com.au
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: dhinawan.ch@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: archaeology@धारुगुर्रा.org.au
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: dharugchts@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: srandall@deerubbin.org.au
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: daruglandobservations@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: justinecoplin@optusnet.com.au
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: paulhand1967@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: cullendullachts@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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📞 0438 191 025
☎ (02) 4201 1090
✉ BBAonza@biosis.com.au
🌐 www.biosis.com.au



Leaders in Ecology, Heritage and Environmental Approvals

Biosis acknowledges the Aboriginal and Torres Strait Islander people as Traditional Custodians of the country on which we live and work. We pay our respects to the Traditional Custodians and Elders past, present and future, and honour their connection to the land and on

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: corroboreecorp@outlook.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the Environmental Planning and Assessment Act 1979.

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Biosis Pty Ltd
14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: clive.freeman@y7mail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: butuheritage@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: Dean.carroll85@hotmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: bilingachts@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: bidjawong@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: jrcarroll888@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: biamangachts@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: barrabyculturalservices@gmail.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'barkingowlcorp@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'baduchts@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'kinghampton77@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: 'hamptonralph46@gmail.com'
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: amandahickey@live.com.au
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: cazadirect@live.com
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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bbaonza@biosis.com.au

Bronte Baonza

From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: carolyn.gilbert@nepeancommunity.org.au
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
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From: Bronte Baonza
Sent: Tuesday, 30 January 2024 9:51 AM
To: Carolyn.gilbert@nepeancommunity.org.au
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the Environmental Planning and Assessment Act 1979.

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Crystal Garabedian
Biosis Pty Ltd
14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Molly Crissell

From: Carolyn .H <cazadirect@live.com>
Sent: Sunday, 4 February 2024 2:50 PM
To: Crystal Garabedian
Cc: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: A1.PL2024.pdf; A1.WC2024.pdf



INDIGENOUS SERVICES

Contact: Carolyn Hickey
Mobile: 0411650057
Email: Cazadirect@live.com
Address: 10 Marie Pitt Place, Glenmore Park, NSW 2745
ABN: : 20 616 970 327

Hi Crystal,
Thank you for your email, I would like to register in being involved in all levels of consultation for this project.
Including, Meetings, Reports, Sharing Cultural Information, and available Field Work.

About the founder Carolyn Hickey
I am a traditional owner with over 25 years experience in helping preserve Aboriginal cultural heritage on projects.
I hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and values that exist in the project area.

I have attached A1 Indigenous Services Insurances

[A1 INDIGENOUS SERVICES PTY LTD Represents over 100 Indigenous Locals](#)

When Selecting Groups for Engagement:

Please consider that **A1 INDIGENOUS SERVICES** is a member of the **NSW INDIGENOUS CHAMBER OF COMMERCE**.

We carry the NSWICC Assured logo showing that **A1 Indigenous Services** has met National Policy requirements as upheld by the First Australians Chamber of Commerce and Industry (FACCI) for being identified as a **100% First Nations Owned Indigenous Business** That has demonstrate compliance with Government and Industry Regulators.

Kind Regards
Carolyn Hickey

A1 INDIGENOUS SERVICES is now a member of the NSW INDIGENOUS CHAMBER OF COMMERCE

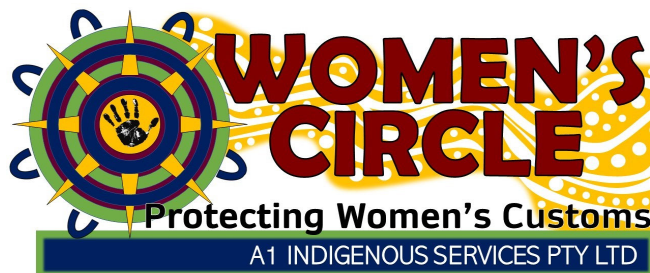
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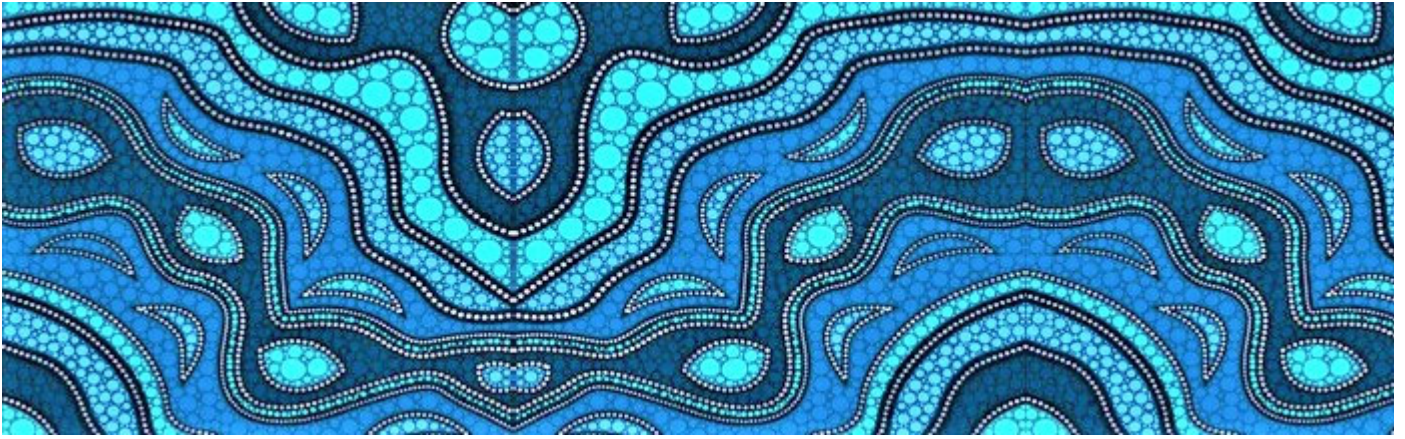
(Certificate attached) A certificate confirms that the Enterprise listed above has met all requirements of the NSWICC's Assured Program , operating as a100% Aboriginal Owned, Operated and Controlled Business. The NSW Indigenous Chamber of Commerce (NSWICC) is the Peak body for Aboriginal Business in New South Wales and a member of the First Australians Chamber of Commerce and Industry (FACCI)

A1 Indigenous Services is 100%, Indigenous Owned Australian Company
which offers a range of services to the construction industry.

It is our mission to commit to an innovative approach to a better future for Indigenous employment and community.

While improving ways to close the gap in Aboriginal participation in the construction Industry.
Building strength in aboriginal communities and our Indigenous labour force.





From: Bronte Baonza <BBaonza@biosis.com.au>

Sent: Tuesday, 30 January 2024 9:51 AM

To: cazadirect@live.com <cazadirect@live.com>

Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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Yours sincerely

Bronte Baonza

Graduate Heritage Consultant

bbaonza@biosis.com.au

Bronte Baonza

Graduate Heritage Consultant

☎ 0438 191 025

☎ (02) 4201 1090

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Molly Crissell

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To: Crystal Garabedian
Cc: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: A1.PL2024.pdf; A1.WC2024.pdf
Follow Up Flag: Follow up
Flag Status: Flagged



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ABN: : 20 616 970 327

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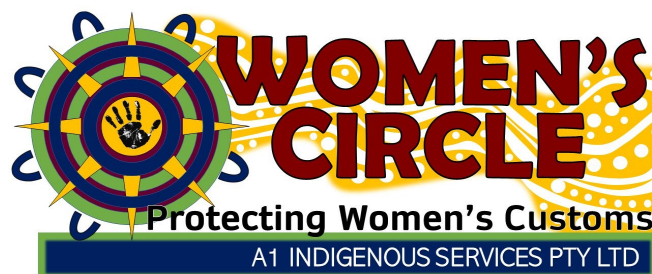
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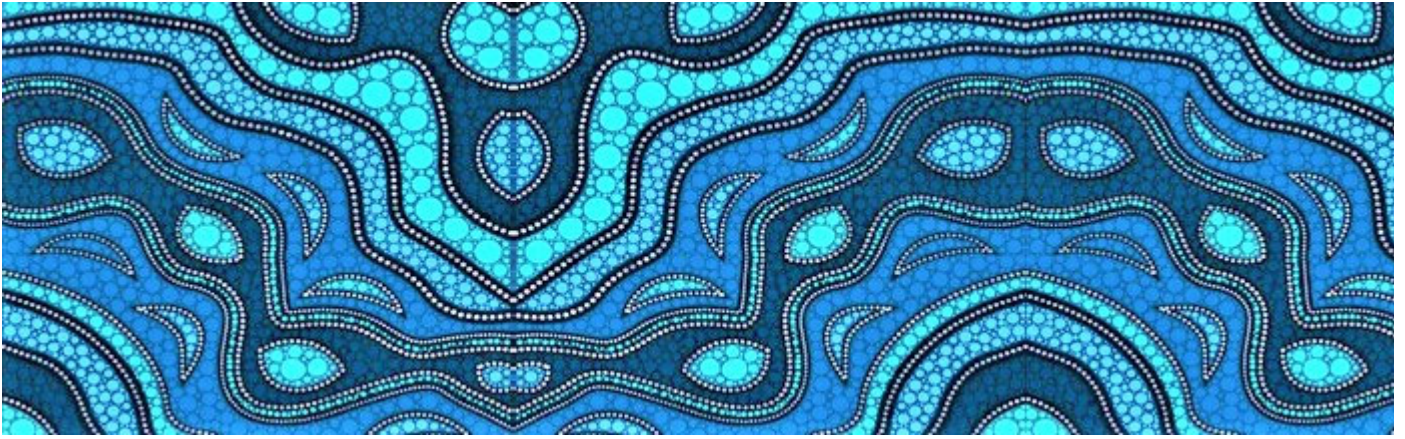
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From: Bronte Baonza <BBaonza@biosis.com.au>

Sent: Tuesday, 30 January 2024 9:51 AM

To: cazadirect@live.com <cazadirect@live.com>

Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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Yours sincerely

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Graduate Heritage Consultant

bbaonza@biosis.com.au

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Molly Crissell

From: Amanda De Zwart <amandahickey@live.com.au>
Sent: Sunday, 4 February 2024 2:50 PM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Crystal,
I would like to register for consultation for this project and any upcoming fieldwork.
Thank you
Amanda Hickey

Get [Outlook for Android](#)

From: Bronte Baonza <BBaonza@biosis.com.au>
Sent: Tuesday, January 30, 2024 9:51:15 AM
To: amandahickey@live.com.au <amandahickey@live.com.au>
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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Yours sincerely

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bbaonza@biosis.com.au

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Molly Crissell

From: Kayelene Terry <bariyan.culturalconnections@gmail.com>
Sent: Wednesday, 31 January 2024 11:12 AM
To: Crystal Garabedian
Subject: BCC-Register of Interests for Aldington,Abbotts and Mamre Road Upgrade works
Attachments: BCC-EOI to Register for Aldington, Abbotts, and Mamre Road Upgrade works.pdf; Bariyan Cultural Connections Work CV & References.pdf

Hi Crystal

Bariyan Cultural Connections would like to express our interests to register for the Aldington, Abbotts and Mamre Road Upgrade works.

We have cultural connection to Country and knowledge relevant to the project area and are descendants of the Dharug Custodians family has been born, raised and grew up, work and live on country.

We are a local Aboriginal Business with experienced Aboriginal Site officers who have been engaged in all aspects and protection of Aboriginal objects and places in Aboriginal Cultural and Heritage in Aboriginal Archaeology who can determine the significance of Aboriginal objects and/or place within and around the surrounding project areas in which is highly significant to our people and country .

We have white cards and insurances available on request.

Please find attached Bariyan Cultural Connections expression of Interest letter and work CV and reference letter to register for Aldington, Abbotts and Mamre Road upgrade works.

Looking forward to hearing from you.

--

Kind Regards
Kayelene Terry - Manager
Bariyan Cultural Connections
Dharug Country
P: 0421 881 617
E: bariyan.culturalconnections@gmail.com
Aboriginal Owned and Operated Cultural and Heritage Business

We would like to acknowledge the traditional Custodians of Country which we live and work, we recognize their continuing connection to the land, waters and culture. We would like to pay our respects to our Elders past, present and extend to all that we may meet on our journey.



Molly Crissell

From: Basil Smith <bunjil.smith@gmail.com>
Sent: Tuesday, 6 February 2024 10:37 AM
To: Crystal Garabedian
Subject: Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales

This is our registration of interest with the above project, keep us informed on any further developments please.

Molly Crissell

From: BASIL SMITH <goobahchs@gmail.com>
Sent: Wednesday, 31 January 2024 3:59 PM
To: Crystal Garabedian
Subject: Fwd: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

This is our expression of interest for the above project, keep us informed of further developments please

----- Forwarded message -----

From: **Basil Smith** <bunjil.smith@gmail.com>
Date: Tue, 30 Jan 2024 at 11:53 am
Subject: Fwd: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
To: <goobahchs@gmail.com>

FYI

----- Forwarded message -----

From: **Bronte Baonza** <BBaonza@biosis.com.au>
Date: Tue, 30 Jan 2024 at 9:52 am
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
To: bunjil.smith@gmail.com <bunjil.smith@gmail.com>

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Yours sincerely

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bbaonza@biosis.com.au

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Molly Crissell

From: Bill <wtrewlynn@hotmail.com>
Sent: Tuesday, 30 January 2024 10:02 AM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning

I would like to register as a person/agency of interest for this project.

As an individual I am registered as a RAP and also chair the Western Sydney Aboriginal Regional Alliance and have ongoing ties to the local area.

WSARA is the local decision project for Western Sydney and is a part of the NSW Aboriginal Affairs Strategic approach to local decision.

Bill Trewlynn
0439423614

Sent from my iPad

On 30 Jan 2024, at 9:54 am, Bronte Baonza <BBaonza@biosis.com.au> wrote:

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<40309.Stage.1.2.Registration.Letter.20240130.pdf>

Molly Crissell

From: Butucarbin Heritage <butuheritage@gmail.com>
Sent: Saturday, 3 February 2024 10:52 PM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Bronte,

On behalf of Butucarbin, I would like to register for this project.

Kind regards,
Jenny

On Tue, Jan 30, 2024 at 9:52 AM Bronte Baonza <BBaonza@biosis.com.au> wrote:

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bbaonza@biosis.com.au

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--

Lowanna Gibson
Project Manager for Butucarbin Cultural Heritage
B.A Archaeology/Anthropology USYD
Juris Doctor UTS

Molly Crissell

From: Butucarbin Heritage <butuheritage@gmail.com>
Sent: Saturday, 3 February 2024 10:51 PM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

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Kind regards,
Jenny

On Tue, Jan 30, 2024 at 9:51 AM Bronte Baonza <BBaonza@biosis.com.au> wrote:

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the Environmental Planning and Assessment Act 1979.

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If you wish to register your interest, please provide your contact details in writing via post or email by 5:00pm 13 February 2024 to:

Crystal Garabedian
Biosis Pty Ltd
14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

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If you have any queries regarding the project, please don't hesitate to contact Crystal on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza
Graduate Heritage Consultant

📞 0438 191 025
☎️ (02) 4201 1090
✉️ BBaonza@biosis.com.au

 www.biosis.com.au



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--

Lowanna Gibson
Project Manager for Butucarbin Cultural Heritage
B.A Archaeology/Anthropology USYD
Juris Doctor UTS

Molly Crissell

From: Damien Morrison <damomorrison781@gmail.com>
Sent: Tuesday, 30 January 2024 5:26 PM
To: Crystal Garabedian

Good afternoon I would like to register my name is Damien Morrison my number is 0479020630 my company name is damo Diggs

Molly Crissell

From: lilly carroll <didgengunawalclan@yahoo.com.au>
Sent: Tuesday, 30 January 2024 1:39 PM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Bronte

DNC would like to register an interest into Aldington Abbott, and Mamre Road upgrade

Kind regards
Paul Boyd and Lily Carroll
[Directors DNC](#)
Directors DNC
0426 823 944

On Tuesday, January 30, 2024, 9:52 am, Bronte Baonza <BBaonza@biosis.com.au> wrote:

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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza
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Molly Crissell

From: Wendy Morgan <Wenlissa01@hotmail.com>
Sent: Tuesday, 6 February 2024 4:17 PM
To: Bronte Baonza; Crystal Garabedian
Subject: RE: 40309 - Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Good afternoon,

Guntawang Aboriginal Resources Inc would like to express an interest in the project ACHA for the proposed upgrades to Aldington Rd Abbots Rd and part of Mamre Rd Kemps Creek.

We look forward to working with you on this project.

Kind regards

Wendy Morgan
CEO GARI
0414 964 657

From: Bronte Baonza <BBaonza@biosis.com.au>
Sent: Tuesday, January 30, 2024 12:32 PM
To: wenlissa01@hotmail.com
Subject: 40309 - Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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Yours sincerely

Bronte Baonza

Graduate Heritage Consultant
bbaonza@biosis.com.au

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Molly Crissell

From: Wendy Morgan <Wenlissa01@hotmail.com>
Sent: Tuesday, 6 February 2024 4:17 PM
To: Bronte Baonza; Crystal Garabedian
Subject: RE: 40309 - Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

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We look forward to working with you on this project.

Kind regards

Wendy Morgan
CEO GARI
0414 964 657

From: Bronte Baonza <BBaonza@biosis.com.au>
Sent: Tuesday, January 30, 2024 12:32 PM
To: wenlissa01@hotmail.com
Subject: 40309 - Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

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Molly Crissell

From: Phil Khan <philipkhan.acn@live.com.au>
Sent: Tuesday, 30 January 2024 4:45 PM
To: Bronte Baonza
Subject: RE: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: Public Liability 2024 to 2025.pdf; lcare 2024.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Hi Bronte,

Thank you for informing us that **Biosis** will be involved in an Aboriginal Cultural Heritage Assessment for **Aldington, Abbots, and Mamre Road Upgrade Works** &, that you are inviting Aboriginal organisations to register, if they wish too be involved in the community consultation process.

As a senior Aboriginal person for the past 51yrs, I actively participate in the protection of the Aboriginal Cultural Heritage throughout the Sydney Basin, & particularly throughout Western Sydney, on behalf of Kamilaroi Yankuntjatjara Working Group I wish to provide to you my organisation's registration of interest.

I wish to be involved & participate in all levels of consultation/project involvement. I wish to attend all meetings, participate in available field work & receive a copy of the report.

I have attached a copy of Kamilaroi Yankuntjatjara Working group's Public Liability Insurance & Workers Compensation certificate.

Our RAPS have up to 16yrs Cultural Heritage experience in – field work which involves manual excavation (digging), sieving, identifying artefacts, setting up transits, setting up equipment, packing equipment, site surveys & attending meetings (Focus groups, CwC, interpretation).

Should you wish me to provide further information, please do not hesitate to contact me on 0434545982 or Stefeanie on 0451068480.

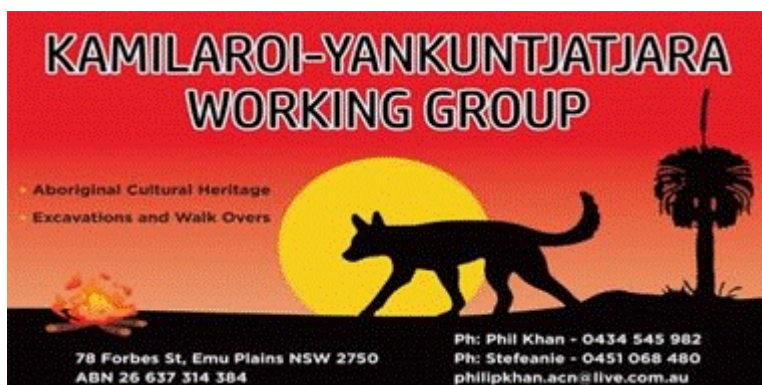
Kind Regards

Phil Khan – Director

P 0434545982

E philipkhan.acn@live.com.au

ABN 26 637 314 384



Sent from [Mail](#) for Windows

From: Bronte Baonza <BBaonza@biosis.com.au>
Sent: Tuesday, January 30, 2024 9:51:29 AM
To: philipkhan.acn@live.com.au <philipkhan.acn@live.com.au>
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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Yours sincerely

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bbaonza@biosis.com.au

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Molly Crissell

From: Kelvin Boney <kelvingoogieboney@gmail.com>
Sent: Tuesday, 30 January 2024 12:32 PM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: image467780.png
Follow Up Flag: Follow up
Flag Status: Flagged

Yes, we are interested. I Kelvin Boney would like to register for the above ACHA therefore I am highly skilled within this area and this would be a pleasure to support the raps in protecting this unique and superb traditional land yours truly Kelvin Boney

On Tue, 30 Jan 2024, 9:54 am Bronte Baonza, <BBaonza@biosis.com.au> wrote:

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bbaonza@biosis.com.au

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Molly Crissell

From: kevin campbell <ninum_group@outlook.com>
Sent: Tuesday, 30 January 2024 10:53 AM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

I would like to express ninnum group interest in the project.

Warm regards
Kevin & Marnya

From: Bronte Baonza <BBaonza@biosis.com.au>
Sent: Tuesday, January 30, 2024 9:51 AM
To: ninnum_group@outlook.com <ninum_group@outlook.com>
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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Yours sincerely

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Molly Crissell

From: Robert Young <konanggo_consultancy@hotmail.com>
Sent: Tuesday, 30 January 2024 7:00 PM
To: Bronte Baonza; debbie.f@atl.net.au
Cc: Pamela Young
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf; Biz Cover 2024.pdf; COC 2024.pdf; ICARE 2025.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Bronte,

Thank you for the email and invitation to register by Monday 13th February 2024

Konanggo Aboriginal Cultural Heritage Services (KACHS) would like to register an expression of interest for the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek

KACHS will provide Aboriginal RAPS with cultural knowledge and knowledge of the land with years of experience working in mainstream services/agencies.

I have cc'd Pamela within this email who has strong cultural knowledge learning from Elder's all around NSW and N.T

Pamela has worked in NPWS, OEH and Heritage NSW as a Senior Conservation Repatriation Heritage Officer for over 23 years and has connected in communities and countries with respect.

I (Robert) have learnt cultural knowledge from my Men's Elders/Seniors and have worked in mainstream over 14 years in NPWS and OEH as a National Park Ranger/Tour Guide/Visitor Services Guide at Royal NP and Kamay NP, Ku-ring- gai NP, plus working over two decades in culturally supporting Aboriginal communities/countries throughout NSW

KACHS provides cultural heritage knowledge holders with experience from a female/male cultural lenses supporting, connecting and healing country, that is beneficial for the archaeologists and proponents.

Culturally we both have over 20 years of cultural and heritage knowledge working on country with experience in all capacities for field surveys, experience in artefacts, experienced in scarred/ring tree's, wet/dry sieving, test excavations/salvage excavations, burial repatriations (Pamela) and working well in team environment. KACHS has had the privilege and honour working on many projects with archaeologists throughout NSW

KACHS has strong affiliation and connection to the lands of Sydney Basin, living, working in and around Sydney suburbs, West, South, East and North protected significant sites, cultural learning and culturally supporting these sites

Any questions please don't hesitate to contact myself or Pamela that I cc'd in this email, always happy for a yarn

KACHS insurance documents are attached and please share my details to Heritage NSW

Looking forward working with Biosis

Yours In Culture,

Robert Young

Konanggo Aboriginal Cultural Heritage Services
2/42 Crawford Road, Brighton Le Sands 2216 NSW
Email: konanggo_consultancy@hotmail.com
Phone: 0450497270

From: Bronte Baonza <BBaonza@biosis.com.au>

Sent: Tuesday, 30 January 2024 9:51 AM

To: konanggo_consultancy@hotmail.com <konanggo_consultancy@hotmail.com>

Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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Yours sincerely

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Molly Crissell

From: Ethan Trewlynn <ethan3trewlynn@gmail.com>
Sent: Tuesday, 30 January 2024 11:28 AM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Sorry Bronte, about the mix up there I get some emails from certain groups saying different names compared to the actual sender. I seen Crystal's name on there whom I've worked with beforehand when I used to work for other organisations.

I'll forward the email to Crystal as well.

Thank you for your email Bronte and sorry for the mix up.

Kind regards
Ethan Trewlynn of Long Gully Cultural Services

On Tue, 30 Jan 2024, 11:21 am Ethan Trewlynn, <ethan3trewlynn@gmail.com> wrote:

Good morning Crystal,
Ethan Trewlynn of Long Gully Cultural Services

I would like to register Long Gully Cultural Services for this project as I have been involved with projects in the past when I was working with other organisations.

I'm a proud Gamilaroi man living in Western Sydney I have over 7 years experience doing Cultural and heritage.

I know quiet a bit about the surrounding areas as I've lived here my entire life and my family have been here for over 70 years in Western Sydney.

There are siltcrete deposits nearby that I have stumbled across while working before.

I did a survey with Crystal on Mamre Rd about 2 years ago now scouting the ground looking for artefacts.

If you would like to get into contact with Long Gully Cultural Services you can contact me either by phone or email

Mobile number: 0401424853

Email address: ethan3trewlynn@gmail.com

Thanks for the email and I look forward to hearing from you again soon.

Kind regards
Ethan Trewlynn of Long Gully Cultural Services

On Tue, 30 Jan 2024, 9:54 am Bronte Baonza, <BBaonza@biosis.com.au> wrote:

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If you wish to register your interest, please provide your contact details in writing via post or email by 5:00pm 13 February 2024 to:

Crystal Garabedian
Biosis Pty Ltd
14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

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If you have any queries regarding the project, please don't hesitate to contact Crystal on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza
Graduate Heritage Consultant

0438 191 025
(02) 4201 1090
BBaonza@biosis.com.au
www.biosis.com.au

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Molly Crissell

From: Ethan Trewlynn <ethan3trewlynn@gmail.com>
Sent: Tuesday, 30 January 2024 11:32 AM
To: Crystal Garabedian
Subject: Fwd: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: image396736.png; image290835.png; image443288.png; image654282.png; image977660.png; image290835.png; image396736.png; image977660.png; image443288.png; image654282.png

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If you would like to get into contact with Long Gully Cultural Services you can contact me either by phone or email
Mobile number: 0401424853
Email address: Ethan3trewlynn@gmail.com

Thanks for the email and I look forward to hearing from you again soon.

Kind regards
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----- Forwarded message -----

From: Ethan Trewlynn <ethan3trewlynn@gmail.com>
Date: Tue, 30 Jan 2024, 11:21 am
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
To: Bronte Baonza <BBaonza@biosis.com.au>

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cgarabedian@biosis.com.au

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Yours sincerely

Bronte Baonza

Graduate Heritage Consultant

bbaonza@biosis.com.au

Bronte Baonza

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Molly Crissell

From: Ethan Trewlynn <ethan3trewlynn@gmail.com>
Sent: Tuesday, 30 January 2024 11:22 AM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: image290835.png
Follow Up Flag: Follow up
Flag Status: Flagged

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Email address: Ethan3trewlynn@gmail.com

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bbaonza@biosis.com.au

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Molly Crissell

From: jesse johnson <muragadi@yahoo.com.au>
Sent: Tuesday, 30 January 2024 4:04 PM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Bronte

Please register our company for the above project, we have been doing aboriginal cultural heritage projects for over 20 years in and around the project area.

Thanks

Jesse Johnson
0405921544

On 30 Jan 2024, at 9:53 am, Bronte Baonza <BBaonza@biosis.com.au> wrote:

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<40309.Stage.1.2.Registration.Letter.20240130.pdf>

Molly Crissell

From: Pearl Depoma <pearl-depoma@hotmail.com>
Sent: Wednesday, 31 January 2024 2:09 PM
To: Bronte Baonza; Crystal Garabedian
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Hello,

Thank you so much for your email.

Yes, I would like to register for the upcoming project as outlined above.

I look forward to hearing from you soon.

Thank you.

Regards

Pearl Depoma
M: 0404 158 006
E: pearl-depoma@hotmail.com

Proud Kamlaroi and Torres Strait Islander Women.

I acknowledge the traditional custodians of country and recognise their continuing connection to land, waters, and community on which I am grateful to live, work and visit. I pay my respects to them, their cultures, and traditions. I honor our Elders both past and present and encourage our future generations to strive.

It always was and always will be, Aboriginal land. Our Ancestors live on, within us.

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Please consider the environment before printing this email.

On 30 Jan 2024 9:51 am, Bronte Baonza <BBaonza@biosis.com.au> wrote:

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Yours sincerely

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Graduate Heritage Consultant
bbaonza@biosis.com.au

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Molly Crissell

From: Pearl Depoma <pearl-depoma@hotmail.com>
Sent: Wednesday, 31 January 2024 2:09 PM
To: Bronte Baonza; Crystal Garabedian
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Hello,

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I look forward to hearing from you soon.

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E: pearl-depoma@hotmail.com

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Molly Crissell

From: Phillip Boney <Waarlan12@outlook.com>
Sent: Tuesday, 30 January 2024 10:09 AM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Hey crystal Phil Boney here I would like to register my interest for this project please in all aspects of the project thank you

Regards. Phil Boney Wailwan Aboriginal Group
Sent from my iPhone

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<40309.Stage.1.2.Registration.Letter.20240130.pdf>

Molly Crissell

From: Carolyn .H <cazadirect@live.com>
Sent: Sunday, 4 February 2024 2:50 PM
To: Crystal Garabedian
Cc: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: A1.PL2024.pdf; A1.WC2024.pdf



INDIGENOUS SERVICES

Contact: Carolyn Hickey
Mobile: 0411650057
Email: Cazadirect@live.com
Address: 10 Marie Pitt Place, Glenmore Park, NSW 2745
ABN: : 20 616 970 327

Hi Crystal,
Thank you for your email, I would like to register in being involved in all levels of consultation for this project.
Including, Meetings, Reports, Sharing Cultural Information, and available Field Work.

About the founder Carolyn Hickey
I am a traditional owner with over 25 years experience in helping preserve Aboriginal cultural heritage on projects.
I hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and values that exist in the project area.

I have attached A1 Indigenous Services Insurances

[A1 INDIGENOUS SERVICES PTY LTD Represents over 100 Indigenous Locals](#)

When Selecting Groups for Engagement:

Please consider that **A1 INDIGENOUS SERVICES** is a member of the **NSW INDIGENOUS CHAMBER OF COMMERCE**.

We carry the NSWICC Assured logo showing that **A1 Indigenous Services** has met National Policy requirements as upheld by the First Australians Chamber of Commerce and Industry (FACCI) for being identified as a **100% First Nations Owned Indigenous Business** That has demonstrate compliance with Government and Industry Regulators.

Kind Regards
Carolyn Hickey

A1 INDIGENOUS SERVICES is now a member of the NSW INDIGENOUS CHAMBER OF COMMERCE

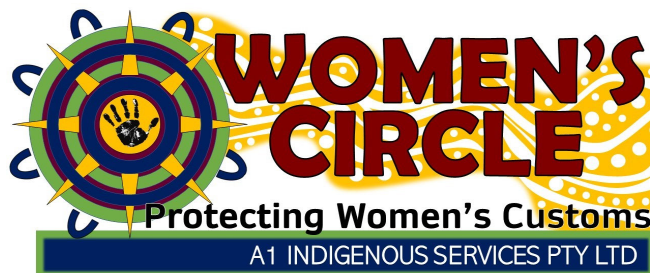
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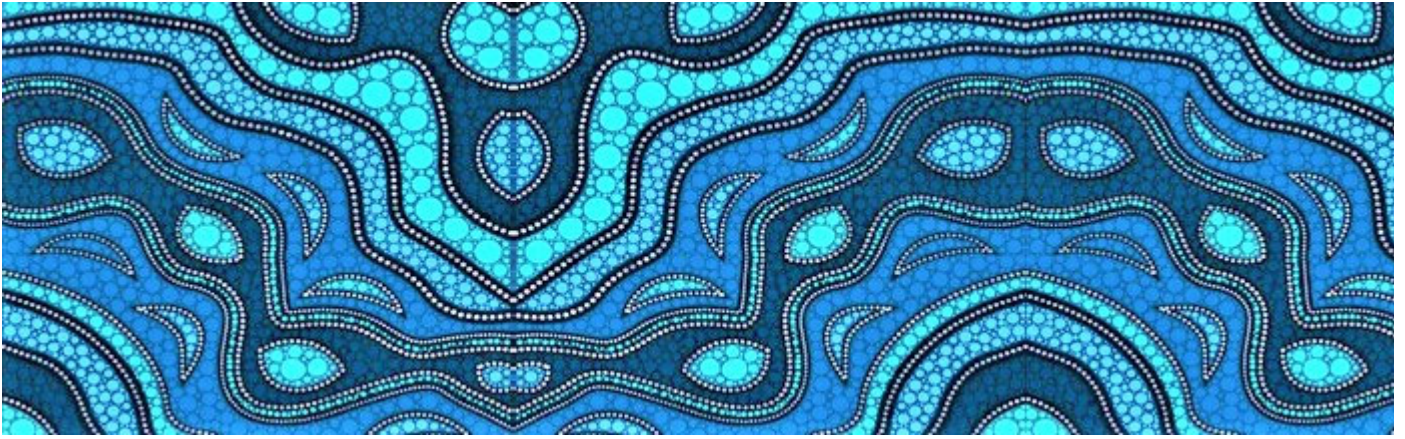
(Certificate attached) A certificate confirms that the Enterprise listed above has met all requirements of the NSWICC's Assured Program, operating as a 100% Aboriginal Owned, Operated and Controlled Business. The NSW Indigenous Chamber of Commerce (NSWICC) is the Peak body for Aboriginal Business in New South Wales and a member of the First Australians Chamber of Commerce and Industry (FACCI)

A1 Indigenous Services is 100%, Indigenous Owned Australian Company
which offers a range of services to the construction industry.

It is our mission to commit to an innovative approach to a better future for Indigenous employment and community.

While improving ways to close the gap in Aboriginal participation in the construction Industry.
Building strength in aboriginal communities and our Indigenous labour force.





From: Bronte Baonza <BBaonza@biosis.com.au>

Sent: Tuesday, 30 January 2024 9:51 AM

To: cazadirect@live.com <cazadirect@live.com>

Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the Environmental Planning and Assessment Act 1979.

On behalf of AT&L, Biosis therefore invites Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s)/and or Places in the vicinity of the study area, to register their interest in the project outlined above.

If you wish to register your interest, please provide your contact details in writing via post or email by 5:00pm 13 February 2024 to:

Crystal Garabedian

Biosis Pty Ltd

14/17-27 Power Avenue, Alexandria

cgarabedian@biosis.com.au

Please note that as per Section 4.1.5 of the consultation requirements, the contact details of all registered Aboriginal parties for this project will be forwarded through to Heritage NSW, Department of Climate Change, Energy, the Environment and Water (Heritage NSW) and Deerubbin Local Aboriginal Land Council (LALC). If you do not want your details forwarded on to the Heritage NSW and LALC please notify Biosis at the time of your registration.

If you have any queries regarding the project, please don't hesitate to contact Crystal on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely

Bronte Baonza

Graduate Heritage Consultant

bbaonza@biosis.com.au

Bronte Baonza

Graduate Heritage Consultant

☎ 0438 191 025

☎ (02) 4201 1090

✉ BBaonza@biosis.com.au

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Molly Crissell

From: Carolyn .H <cazadirect@live.com>
Sent: Sunday, 4 February 2024 2:50 PM
To: Crystal Garabedian
Cc: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: A1.PL2024.pdf; A1.WC2024.pdf

Follow Up Flag: Follow up
Flag Status: Flagged



INDIGENOUS SERVICES

Contact: Carolyn Hickey
Mobile: 0411650057
Email: Cazadirect@live.com
Address: 10 Marie Pitt Place, Glenmore Park, NSW 2745
ABN: : 20 616 970 327

Hi Crystal,
Thank you for your email, I would like to register in being involved in all levels of consultation for this project.
Including, Meetings, Reports, Sharing Cultural Information, and available Field Work.

About the founder Carolyn Hickey
I am a traditional owner with over 25 years experience in helping preserve Aboriginal cultural heritage on projects.
I hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and values that exist in the project area.

I have attached A1 Indigenous Services Insurances

[A1 INDIGENOUS SERVICES PTY LTD Represents over 100 Indigenous Locals](#)

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Kind Regards

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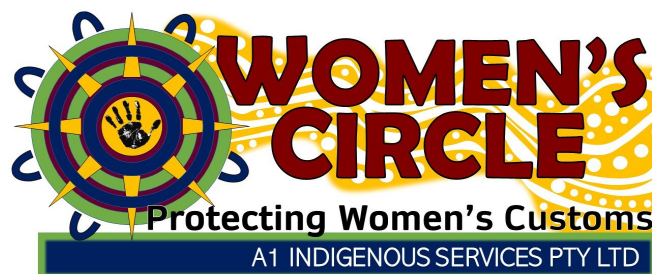
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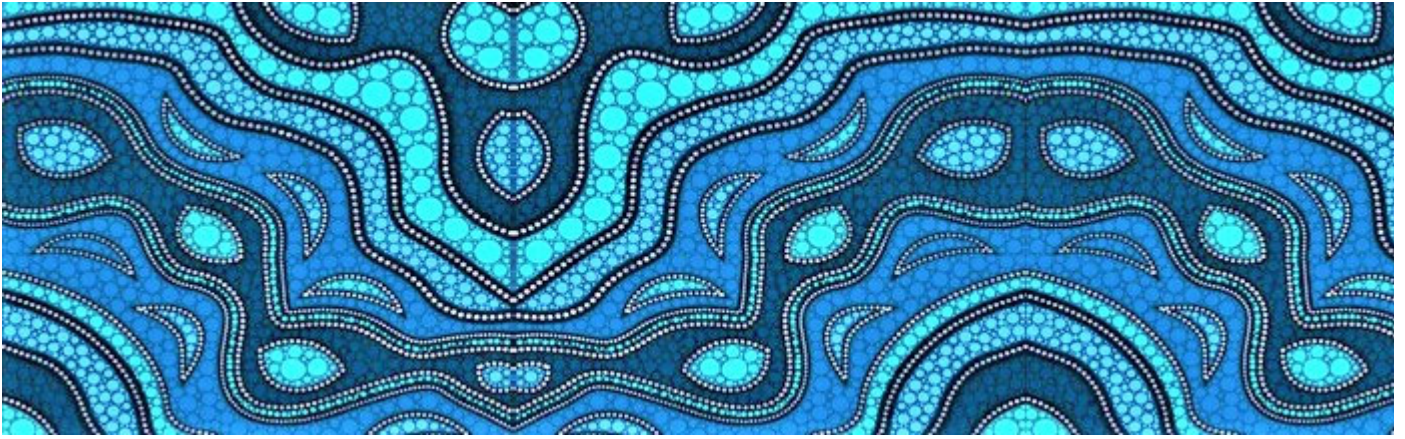
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From: Bronte Baonza <BBaonza@biosis.com.au>

Sent: Tuesday, 30 January 2024 9:51 AM

To: cazadirect@live.com <cazadirect@live.com>

Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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Yours sincerely

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Graduate Heritage Consultant

bbaonza@biosis.com.au

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Molly Crissell

From: Amanda De Zwart <amandahickey@live.com.au>
Sent: Sunday, 4 February 2024 2:50 PM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Crystal,
I would like to register for consultation for this project and any upcoming fieldwork.
Thank you
Amanda Hickey

Get [Outlook for Android](#)

From: Bronte Baonza <BBaonza@biosis.com.au>
Sent: Tuesday, January 30, 2024 9:51:15 AM
To: amandahickey@live.com.au <amandahickey@live.com.au>
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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Yours sincerely

Bronte Baonza
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bbaonza@biosis.com.au

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Molly Crissell

From: Kayelene Terry <bariyan.culturalconnections@gmail.com>
Sent: Wednesday, 31 January 2024 11:12 AM
To: Crystal Garabedian
Subject: BCC-Register of Interests for Aldington,Abbotts and Mamre Road Upgrade works
Attachments: BCC-EOI to Register for Aldington, Abbotts, and Mamre Road Upgrade works.pdf; Bariyan Cultural Connections Work CV & References.pdf

Hi Crystal

Bariyan Cultural Connections would like to express our interests to register for the Aldington, Abbotts and Mamre Road Upgrade works.

We have cultural connection to Country and knowledge relevant to the project area and are descendants of the Dharug Custodians family has been born, raised and grew up, work and live on country.

We are a local Aboriginal Business with experienced Aboriginal Site officers who have been engaged in all aspects and protection of Aboriginal objects and places in Aboriginal Cultural and Heritage in Aboriginal Archaeology who can determine the significance of Aboriginal objects and/or place within and around the surrounding project areas in which is highly significant to our people and country .

We have white cards and insurances available on request.

Please find attached Bariyan Cultural Connections expression of Interest letter and work CV and reference letter to register for Aldington, Abbotts and Mamre Road upgrade works.

Looking forward to hearing from you.

--

Kind Regards
Kayelene Terry - Manager
Bariyan Cultural Connections
Dharug Country
P: 0421 881 617
E: bariyan.culturalconnections@gmail.com
Aboriginal Owned and Operated Cultural and Heritage Business

We would like to acknowledge the traditional Custodians of Country which we live and work, we recognize their continuing connection to the land, waters and culture. We would like to pay our respects to our Elders past, present and extend to all that we may meet on our journey.



Molly Crissell

From: Basil Smith <bunjil.smith@gmail.com>
Sent: Tuesday, 6 February 2024 10:37 AM
To: Crystal Garabedian
Subject: Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales

This is our registration of interest with the above project, keep us informed on any further developments please.

Molly Crissell

From: BASIL SMITH <goobahchs@gmail.com>
Sent: Wednesday, 31 January 2024 3:59 PM
To: Crystal Garabedian
Subject: Fwd: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf

This is our expression of interest for the above project, keep us informed of further developments please

----- Forwarded message -----

From: **Basil Smith** <bunjil.smith@gmail.com>
Date: Tue, 30 Jan 2024 at 11:53 am
Subject: Fwd: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
To: <goobahchs@gmail.com>

FYI

----- Forwarded message -----

From: **Bronte Baonza** <BBaonza@biosis.com.au>
Date: Tue, 30 Jan 2024 at 9:52 am
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
To: bunjil.smith@gmail.com <bunjil.smith@gmail.com>

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the Environmental Planning and Assessment Act 1979.

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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza
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Molly Crissell

From: Bill <wtrewlynn@hotmail.com>
Sent: Tuesday, 30 January 2024 10:02 AM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning

I would like to register as a person/agency of interest for this project.

As an individual I am registered as a RAP and also chair the Western Sydney Aboriginal Regional Alliance and have ongoing ties to the local area.

WSARA is the local decision project for Western Sydney and is a part of the NSW Aboriginal Affairs Strategic approach to local decision.

Bill Trewlynn
0439423614

Sent from my iPad

On 30 Jan 2024, at 9:54 am, Bronte Baonza <BBaonza@biosis.com.au> wrote:

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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

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<40309.Stage.1.2.Registration.Letter.20240130.pdf>

Molly Crissell

From: Butucarbin Heritage <butuheritage@gmail.com>
Sent: Saturday, 3 February 2024 10:52 PM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Bronte,

On behalf of Butucarbin, I would like to register for this project.

Kind regards,
Jenny

On Tue, Jan 30, 2024 at 9:52 AM Bronte Baonza <BBaonza@biosis.com.au> wrote:

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Yours sincerely

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bbaonza@biosis.com.au

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--
Lowanna Gibson
Project Manager for Butucarbin Cultural Heritage
B.A Archaeology/Anthropology USYD
Juris Doctor UTS

Molly Crissell

From: Butucarbin Heritage <butuheritage@gmail.com>
Sent: Saturday, 3 February 2024 10:51 PM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

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Lowanna Gibson
Project Manager for Butucarbin Cultural Heritage
B.A Archaeology/Anthropology USYD
Juris Doctor UTS

Molly Crissell

From: Damien Morrison <damomorrison781@gmail.com>
Sent: Tuesday, 30 January 2024 5:26 PM
To: Crystal Garabedian

Good afternoon I would like to register my name is Damien Morrison my number is 0479020630 my company name is damo Diggs

Molly Crissell

From: lilly carroll <didgengunawalclan@yahoo.com.au>
Sent: Tuesday, 30 January 2024 1:39 PM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Bronte

DNC would like to register an interest into Aldington Abbott, and Mamre Road upgrade

Kind regards
Paul Boyd and Lily Carroll
[Directors DNC](#)
Directors DNC
0426 823 944

On Tuesday, January 30, 2024, 9:52 am, Bronte Baonza <BBaonza@biosis.com.au> wrote:

Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to inform the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development (SSD) under Part 4.36 of the Environmental Planning and Assessment Act 1979.

On behalf of AT&L, Biosis therefore invites Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s)/and or Places in the vicinity of the study area, to register their interest in the project outlined above.

If you wish to register your interest, please provide your contact details in writing via post or email by 5:00pm 13 February 2024 to:

Crystal Garabedian
Biosis Pty Ltd
14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please note that as per Section 4.1.5 of the consultation requirements, the contact details of all registered Aboriginal parties for this project will be forwarded through to Heritage NSW, Department of Climate Change, Energy, the Environment and Water (Heritage NSW) and Deerubbin Local Aboriginal Land Council (LALC). If you do not want your details forwarded on to the Heritage NSW and LALC please notify Biosis at the time of your registration.

If you have any queries regarding the project, please don't hesitate to contact Crystal on the details above, or alternatively the main office number on (02) 9101 8700.

Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza
Graduate Heritage Consultant

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☎ (02) 4201 1090
✉ BBaonza@biosis.com.au
🌐 www.biosis.com.au



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Molly Crissell

From: Wendy Morgan <Wenlissa01@hotmail.com>
Sent: Tuesday, 6 February 2024 4:17 PM
To: Bronte Baonza; Crystal Garabedian
Subject: RE: 40309 - Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Good afternoon,

Guntawang Aboriginal Resources Inc would like to express an interest in the project ACHA for the proposed upgrades to Aldington Rd Abbots Rd and part of Mamre Rd Kemps Creek.

We look forward to working with you on this project.

Kind regards

Wendy Morgan
CEO GARI
0414 964 657

From: Bronte Baonza <BBaonza@biosis.com.au>
Sent: Tuesday, January 30, 2024 12:32 PM
To: wenlissa01@hotmail.com
Subject: 40309 - Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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Yours sincerely

Bronte Baonza

Graduate Heritage Consultant
bbaonza@biosis.com.au

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Molly Crissell

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Sent: Tuesday, 6 February 2024 4:17 PM
To: Bronte Baonza; Crystal Garabedian
Subject: RE: 40309 - Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

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Kind regards

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CEO GARI
0414 964 657

From: Bronte Baonza <BBaonza@biosis.com.au>
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To: wenlissa01@hotmail.com
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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

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Molly Crissell

From: Phil Khan <philipkhan.acn@live.com.au>
Sent: Tuesday, 30 January 2024 4:45 PM
To: Bronte Baonza
Subject: RE: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: Public Liability 2024 to 2025.pdf; lcare 2024.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Hi Bronte,

Thank you for informing us that **Biosis** will be involved in an Aboriginal Cultural Heritage Assessment for **Aldington, Abbots, and Mamre Road Upgrade Works** &, that you are inviting Aboriginal organisations to register, if they wish too be involved in the community consultation process.

As a senior Aboriginal person for the past 51yrs, I actively participate in the protection of the Aboriginal Cultural Heritage throughout the Sydney Basin, & particularly throughout Western Sydney, on behalf of Kamilaroi Yankuntjatjara Working Group I wish to provide to you my organisation's registration of interest.

I wish to be involved & participate in all levels of consultation/project involvement. I wish to attend all meetings, participate in available field work & receive a copy of the report.

I have attached a copy of Kamilaroi Yankuntjatjara Working group's Public Liability Insurance & Workers Compensation certificate.

Our RAPS have up to 16yrs Cultural Heritage experience in – field work which involves manual excavation (digging), sieving, identifying artefacts, setting up transits, setting up equipment, packing equipment, site surveys & attending meetings (Focus groups, CwC, interpretation).

Should you wish me to provide further information, please do not hesitate to contact me on 0434545982 or Stefeanie on 0451068480.

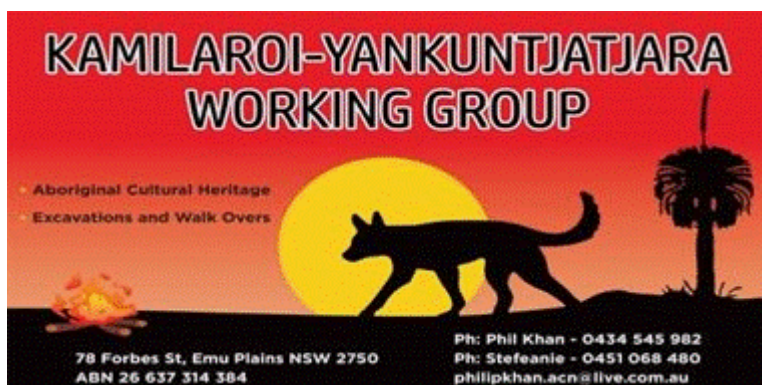
Kind Regards

Phil Khan – Director

P 0434545982

E philipkhan.acn@live.com.au

ABN 26 637 314 384



Sent from [Mail](#) for Windows

From: Bronte Baonza <BBaonza@biosis.com.au>
Sent: Tuesday, January 30, 2024 9:51:29 AM
To: philipkhan.acn@live.com.au <philipkhan.acn@live.com.au>
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

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Molly Crissell

From: Kelvin Boney <kelvingoogieboney@gmail.com>
Sent: Tuesday, 30 January 2024 12:32 PM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: image467780.png
Follow Up Flag: Follow up
Flag Status: Flagged

Yes, we are interested. I Kelvin Boney would like to register for the above ACHA therefore I am highly skilled within this area and this would be a pleasure to support the raps in protecting this unique and superb traditional land yours truly Kelvin Boney

On Tue, 30 Jan 2024, 9:54 am Bronte Baonza, <BBaonza@biosis.com.au> wrote:

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Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

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Molly Crissell

From: kevin campbell <ninum_group@outlook.com>
Sent: Tuesday, 30 January 2024 10:53 AM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

I would like to express ninnum group interest in the project.

Warm regards
Kevin & Marnya

From: Bronte Baonza <BBaonza@biosis.com.au>
Sent: Tuesday, January 30, 2024 9:51 AM
To: ninnum_group@outlook.com <ninum_group@outlook.com>
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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Yours sincerely

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bbaonza@biosis.com.au

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Molly Crissell

From: Robert Young <konanggo_consultancy@hotmail.com>
Sent: Tuesday, 30 January 2024 7:00 PM
To: Bronte Baonza; debbie.f@atl.net.au
Cc: Pamela Young
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: 40309.Stage.1.2.Registration.Letter.20240130.pdf; Biz Cover 2024.pdf; COC 2024.pdf; ICARE 2025.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Bronte,

Thank you for the email and invitation to register by Monday 13th February 2024

Konanggo Aboriginal Cultural Heritage Services (KACHS) would like to register an expression of interest for the proposed upgrades to Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek

KACHS will provide Aboriginal RAPS with cultural knowledge and knowledge of the land with years of experience working in mainstream services/agencies.

I have cc'd Pamela within this email who has strong cultural knowledge learning from Elder's all around NSW and N.T

Pamela has worked in NPWS, OEH and Heritage NSW as a Senior Conservation Repatriation Heritage Officer for over 23 years and has connected in communities and countries with respect.

I (Robert) have learnt cultural knowledge from my Men's Elders/Seniors and have worked in mainstream over 14 years in NPWS and OEH as a National Park Ranger/Tour Guide/Visitor Services Guide at Royal NP and Kamay NP, Ku-ring- gai NP, plus working over two decades in culturally supporting Aboriginal communities/countries throughout NSW

KACHS provides cultural heritage knowledge holders with experience from a female/male cultural lenses supporting, connecting and healing country, that is beneficial for the archaeologists and proponents.

Culturally we both have over 20 years of cultural and heritage knowledge working on country with experience in all capacities for field surveys, experience in artefacts, experienced in scarred/ring tree's, wet/dry sieving, test excavations/salvage excavations, burial repatriations (Pamela) and working well in team environment. KACHS has had the privilege and honour working on many projects with archaeologists throughout NSW

KACHS has strong affiliation and connection to the lands of Sydney Basin, living, working in and around Sydney suburbs, West, South, East and North protected significant sites, cultural learning and culturally supporting these sites

Any questions please don't hesitate to contact myself or Pamela that I cc'd in this email, always happy for a yarn

KACHS insurance documents are attached and please share my details to Heritage NSW

Looking forward working with Biosis

Yours In Culture,

Robert Young

Konanggo Aboriginal Cultural Heritage Services
2/42 Crawford Road, Brighton Le Sands 2216 NSW
Email: konanggo_consultancy@hotmail.com
Phone: 0450497270

From: Bronte Baonza <BBaonza@biosis.com.au>

Sent: Tuesday, 30 January 2024 9:51 AM

To: konanggo_consultancy@hotmail.com <konanggo_consultancy@hotmail.com>

Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

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Yours sincerely

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Molly Crissell

From: Ethan Trewlynn <ethan3trewlynn@gmail.com>
Sent: Tuesday, 30 January 2024 11:28 AM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Sorry Bronte, about the mix up there I get some emails from certain groups saying different names compared to the actual sender. I seen Crystal's name on there whom I've worked with beforehand when I used to work for other organisations.

I'll forward the email to Crystal as well.

Thank you for your email Bronte and sorry for the mix up.

Kind regards
Ethan Trewlynn of Long Gully Cultural Services

On Tue, 30 Jan 2024, 11:21 am Ethan Trewlynn, <ethan3trewlynn@gmail.com> wrote:

Good morning Crystal,
Ethan Trewlynn of Long Gully Cultural Services

I would like to register Long Gully Cultural Services for this project as I have been involved with projects in the past when I was working with other organisations.

I'm a proud Gamilaroi man living in Western Sydney I have over 7 years experience doing Cultural and heritage.

I know quiet a bit about the surrounding areas as I've lived here my entire life and my family have been here for over 70 years in Western Sydney.

There are siltcrete deposits nearby that I have stumbled across while working before.

I did a survey with Crystal on Mamre Rd about 2 years ago now scouting the ground looking for artefacts.

If you would like to get into contact with Long Gully Cultural Services you can contact me either by phone or email

Mobile number: 0401424853

Email address: ethan3trewlynn@gmail.com

Thanks for the email and I look forward to hearing from you again soon.

Kind regards
Ethan Trewlynn of Long Gully Cultural Services

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cgarabedian@biosis.com.au

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Yours sincerely

Bronte Baonza
Graduate Heritage Consultant
bbaonza@biosis.com.au

Bronte Baonza
Graduate Heritage Consultant

0438 191 025
(02) 4201 1090
BBaonza@biosis.com.au
www.biosis.com.au

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Molly Crissell

From: Ethan Trewlynn <ethan3trewlynn@gmail.com>
Sent: Tuesday, 30 January 2024 11:32 AM
To: Crystal Garabedian
Subject: Fwd: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: image396736.png; image290835.png; image443288.png; image654282.png; image977660.png; image290835.png; image396736.png; image977660.png; image443288.png; image654282.png

Good morning Crystal,
Ethan Trewlynn of Long Gully Cultural Services

I would like to register Long Gully Cultural Services for this project as I have been involved with projects in the past when I was working with other organisations.

I'm a proud Gamilaroi man living in Western Sydney I have over 7 years experience doing Cultural and heritage.

I know quiet a bit about the surrounding areas as I've lived here my entire life and my family have been here for over 70 years in Western Sydney.

There are siltcrete deposits nearby that I have stumbled across while working before.

I did a survey with Crystal on Mamre Rd about 2 years ago now scouting the ground looking for artefacts.

If you would like to get into contact with Long Gully Cultural Services you can contact me either by phone or email

Mobile number: 0401424853

Email address: Ethan3trewlynn@gmail.com

Thanks for the email and I look forward to hearing from you again soon.

Kind regards

Ethan Trewlynn of Long Gully Cultural Services

----- Forwarded message -----

From: Ethan Trewlynn <ethan3trewlynn@gmail.com>

Date: Tue, 30 Jan 2024, 11:21 am

Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

To: Bronte Baonza <BBaonza@biosis.com.au>

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Email address: Ethan3trewlynn@gmail.com

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From: Ethan Trewlynn <ethan3trewlynn@gmail.com>
Sent: Tuesday, 30 January 2024 11:22 AM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: image290835.png
Follow Up Flag: Follow up
Flag Status: Flagged

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Molly Crissell

From: jesse johnson <muragadi@yahoo.com.au>
Sent: Tuesday, 30 January 2024 4:04 PM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Bronte

Please register our company for the above project, we have been doing aboriginal cultural heritage projects for over 20 years in and around the project area.

Thanks

Jesse Johnson
0405921544

On 30 Jan 2024, at 9:53 am, Bronte Baonza <BBaonza@biosis.com.au> wrote:

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<40309.Stage.1.2.Registration.Letter.20240130.pdf>

Molly Crissell

From: Pearl Depoma <pearl-depoma@hotmail.com>
Sent: Wednesday, 31 January 2024 2:09 PM
To: Bronte Baonza; Crystal Garabedian
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Hello,

Thank you so much for your email.

Yes, I would like to register for the upcoming project as outlined above.

I look forward to hearing from you soon.

Thank you.

Regards

Pearl Depoma
M: 0404 158 006
E: pearl-depoma@hotmail.com

Proud Kamlaroi and Torres Strait Islander Women.

I acknowledge the traditional custodians of country and recognise their continuing connection to land, waters, and community on which I am grateful to live, work and visit. I pay my respects to them, their cultures, and traditions. I honor our Elders both past and present and encourage our future generations to strive.

It always was and always will be, Aboriginal land. Our Ancestors live on, within us.

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bbaonza@biosis.com.au

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Sent: Wednesday, 31 January 2024 2:09 PM
To: Bronte Baonza; Crystal Garabedian
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Hello,

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I look forward to hearing from you soon.

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Regards

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E: pearl-depoma@hotmail.com

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Molly Crissell

From: Phillip Boney <Waarlan12@outlook.com>
Sent: Tuesday, 30 January 2024 10:09 AM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Hey crystal Phil Boney here I would like to register my interest for this project please in all aspects of the project thank you

Regards. Phil Boney Wailwan Aboriginal Group
Sent from my iPhone

On 30 Jan 2024, at 9:53 am, Bronte Baonza <BBaonza@biosis.com.au> wrote:

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<40309.Stage.1.2.Registration.Letter.20240130.pdf>

Molly Crissell

From: Thomas Dahlstrom <gamila_roi@yahoo.com.au>
Sent: Thursday, 15 February 2024 4:58 PM
To: Crystal Garabedian
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Hi

I understand I am a couple days late for registration. I had a late holiday as I worked during the Christmas period.

Would you be able to accept my late registration as an individual RAP on this project please ? (40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment).

I look forward to hearing from you.

Have a great evening.

Kind regards

Thomas Dahlstrom
Cultural Heritage Consultant

Molly Crissell

From: Rodney Gunther <waawaar.awaa@gmail.com>
Sent: Tuesday, 30 January 2024 11:16 AM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: Public liability 2023 to 2024.pdf; Workers comp CERTIFICATE-OF-CURRENCY-196613291.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Hi Bronte,

Please register Waawaar Awaa Aboriginal Corporation for the Aboriginal Cultural Heritage Assessment for Aldington Road, Abbots Road, and part of Mamre Road at Kemps Creek,

In order for our members to provide professional cultural responses to the Methodology and ACHAR, we would like to be involved in all aspects of fieldwork to assist our understanding of the cultural values for the project area.

Your understanding is appreciated.

Please find attached relevant insurances for future reference.

regards

Rodney Gunther
0410 580 962

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To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: Public liability 2023 to 2024.pdf; Workers comp CERTIFICATE-OF-CURRENCY-196613291.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

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Your understanding is appreciated.

Please find attached relevant insurances for future reference.

regards

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0410 580 962

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If you wish to register your interest, please provide your contact details in writing via post or email by 5:00pm 13 February 2024 to:

Crystal Garabedian
Biosis Pty Ltd
14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

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Yours sincerely

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From: WIDESCOPE . <widescope.group@live.com>
Sent: Saturday, 3 February 2024 4:16 PM
To: Crystal Garabedian
Subject: Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation Our Ref: Matter: 40309

Good afternoon,

Thank you, for the project information.
Steven Hickey would like to register his interest in the project.
Thanks

Regards

Donna and Steven Hickey
Widescope Indigenous Group

+61425232056 | [73 Russell Street, Emu Plains, NSW 2750](#)

Email: widescope.group@live.com

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From: Arika J <yulayculturalservices@gmail.com>
Sent: Saturday, 3 February 2024 8:44 AM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Bronte,

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Kind regards

Arika Jalomaki

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From: Thomas Dahlstrom <gamila_roi@yahoo.com.au>
Sent: Thursday, 15 February 2024 4:58 PM
To: Crystal Garabedian
Subject: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation

Hi

I understand I am a couple days late for registration. I had a late holiday as I worked during the Christmas period.

Would you be able to accept my late registration as an individual RAP on this project please ? (40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment).

I look forward to hearing from you.

Have a great evening.

Kind regards

Thomas Dahlstrom
Cultural Heritage Consultant

Molly Crissell

From: Rodney Gunther <waawaar.awaa@gmail.com>
Sent: Tuesday, 30 January 2024 11:16 AM
To: Bronte Baonza
Subject: Re: 40309- Aldington, Abbots, and Mamre Road Upgrade Works Aboriginal Cultural Heritage Assessment: Invitation to Register for Aboriginal Community Consultation
Attachments: Public liability 2023 to 2024.pdf; Workers comp CERTIFICATE-OF-CURRENCY-196613291.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

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Appendix 3 Stage 2: Presentation of information about the proposed project and Stage 3: Gathering information about cultural significance

15 February 2024

Carolyn Hickey
A1 Indigenous Services
10 Marie Pitt Place, Glenmore Park, NSW, 2745

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,



Bronte Baonza

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

flakes, two medial flakes, one multidirectional core and one manuport. Disturbances observed within the area relate to low intensity agriculture.

The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation is part of the Wianamatta group, and consists of shale, carbonaceous claystone, laminate, lithic sandstone, and rare coal. Artefact scatters are common in this geological unit, as are PADs. The presence of underlying shale deposits suggests that sites commonly found within sandstone formations, such as grinding grooves and rock shelters/rock art, are less likely to be present. Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

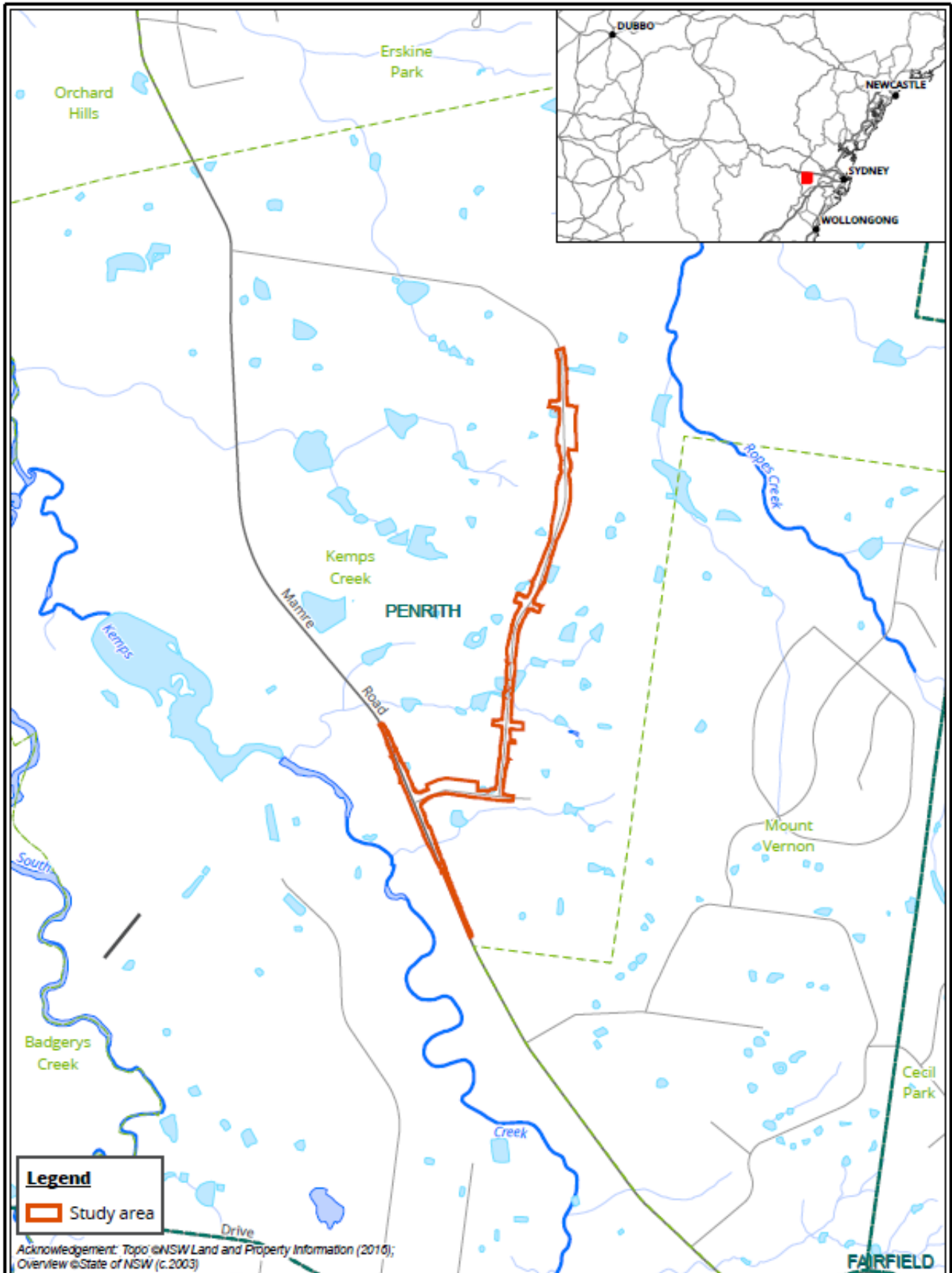
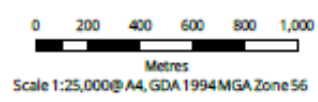
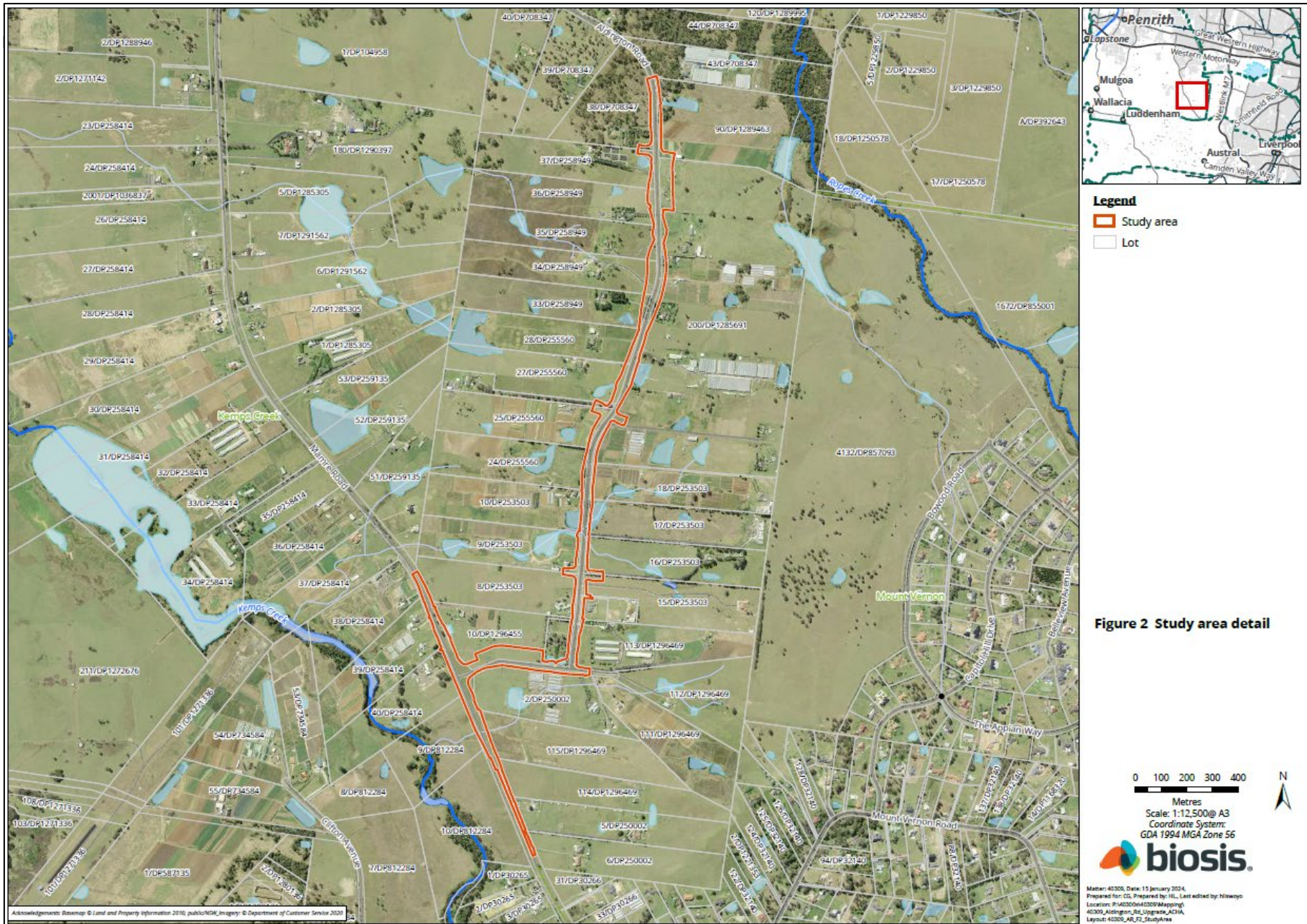
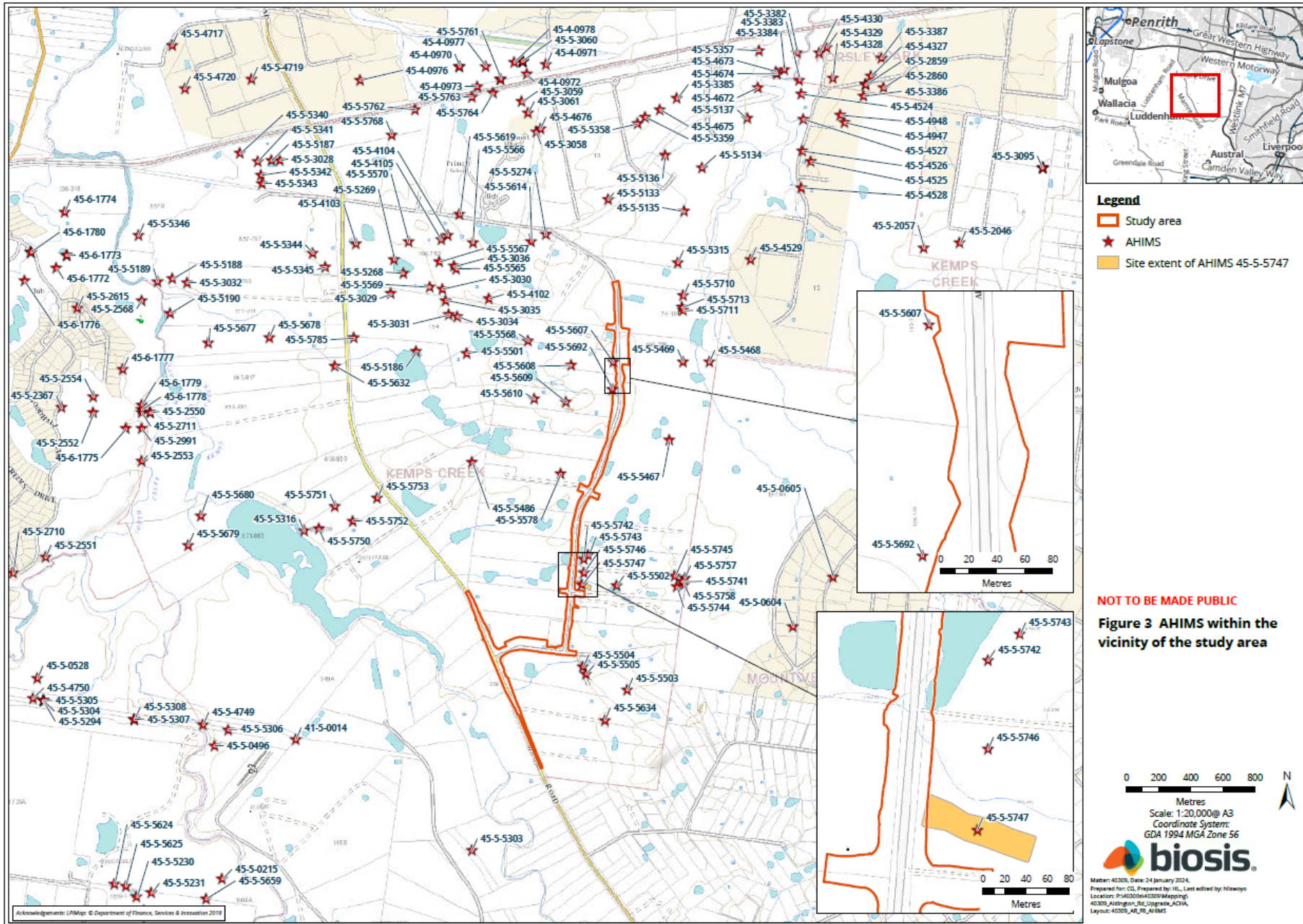


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
 Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade\ACHA
 Layout: 40309_AR_FT_Locality







Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

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Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public, then RAPs should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

- For each test pit that is excavated, the following documentation will be taken:
 - Unique test pit identification number.
 - GPS coordinate of each test pit.
 - Munsell soil colour and texture.
 - Amount and location of cultural material within the deposit.
 - Nature of disturbance where present.
 - Stratigraphy.
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 - Photographic records.
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- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (14/17–27 Power Avenue, Alexandria, NSW 2015).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

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15 February 2024

Amanda Hickey
Amanda Hickey Cultural Services
57 Gough Steet, Emu Plains, NSW, 2750

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,



Bronte Baonza

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

flakes, two medial flakes, one multidirectional core and one manuport. Disturbances observed within the area relate to low intensity agriculture.

The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation is part of the Wianamatta group, and consists of shale, carbonaceous claystone, laminate, lithic sandstone, and rare coal. Artefact scatters are common in this geological unit, as are PADs. The presence of underlying shale deposits suggests that sites commonly found within sandstone formations, such as grinding grooves and rock shelters/rock art, are less likely to be present. Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

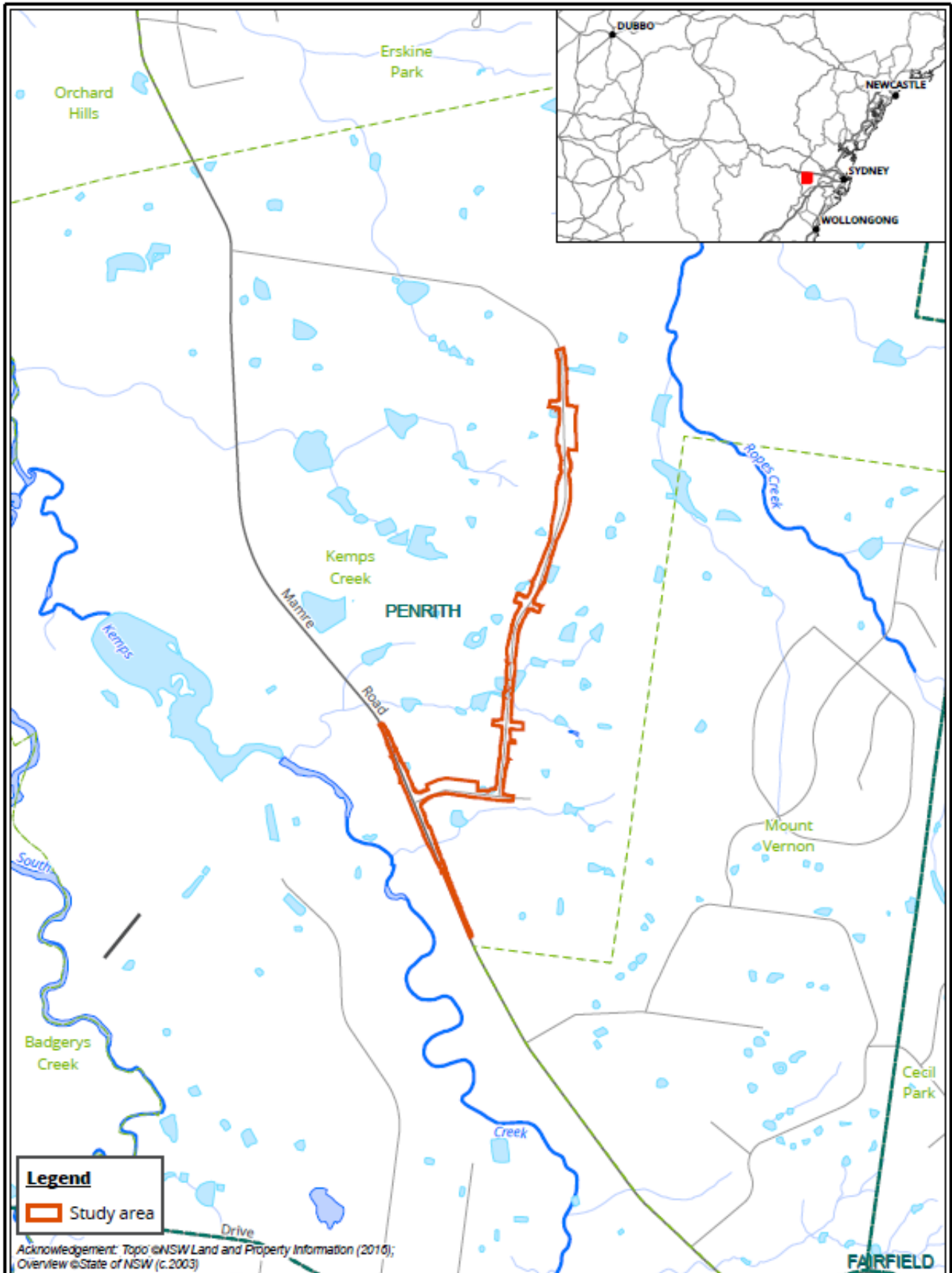
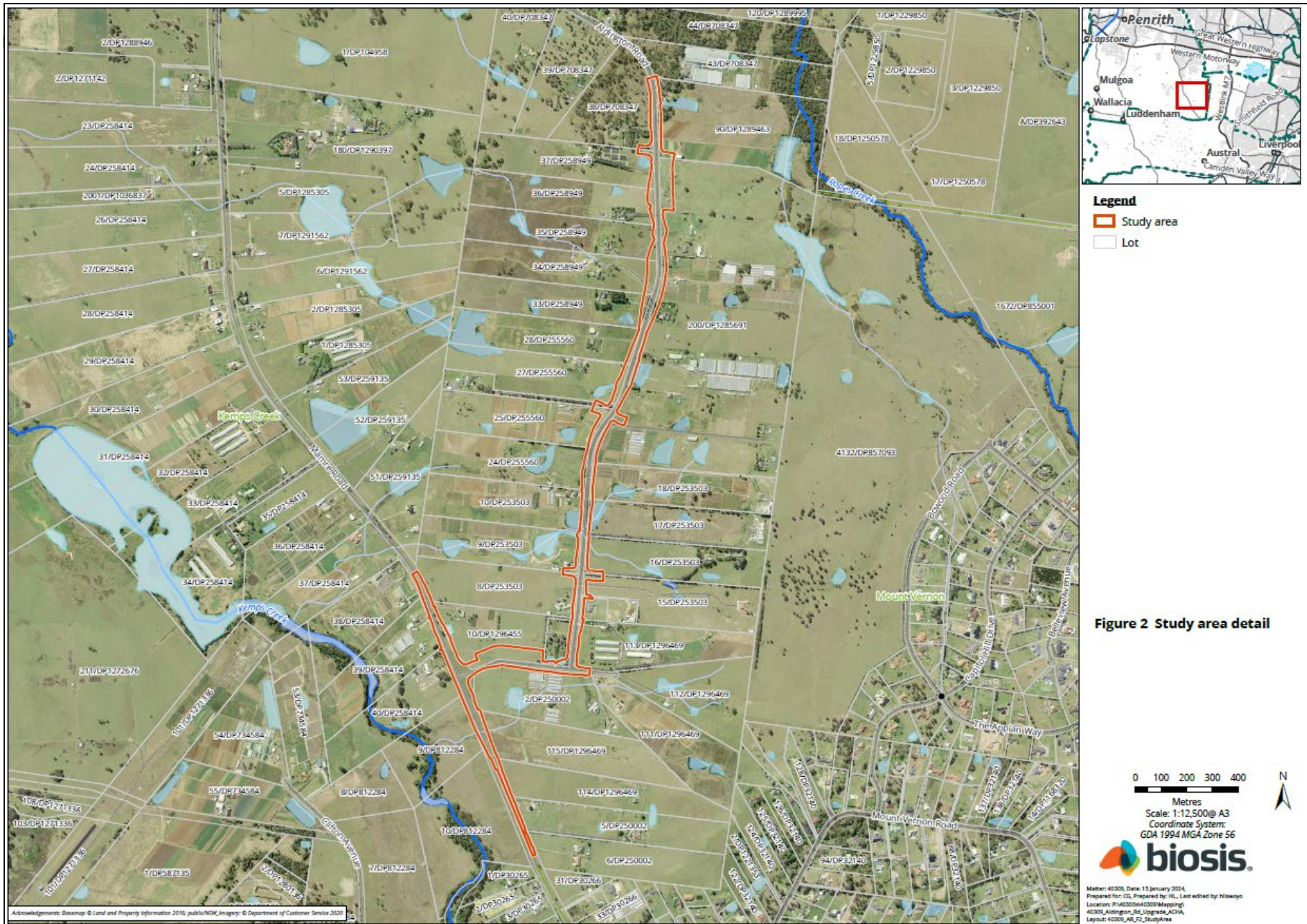
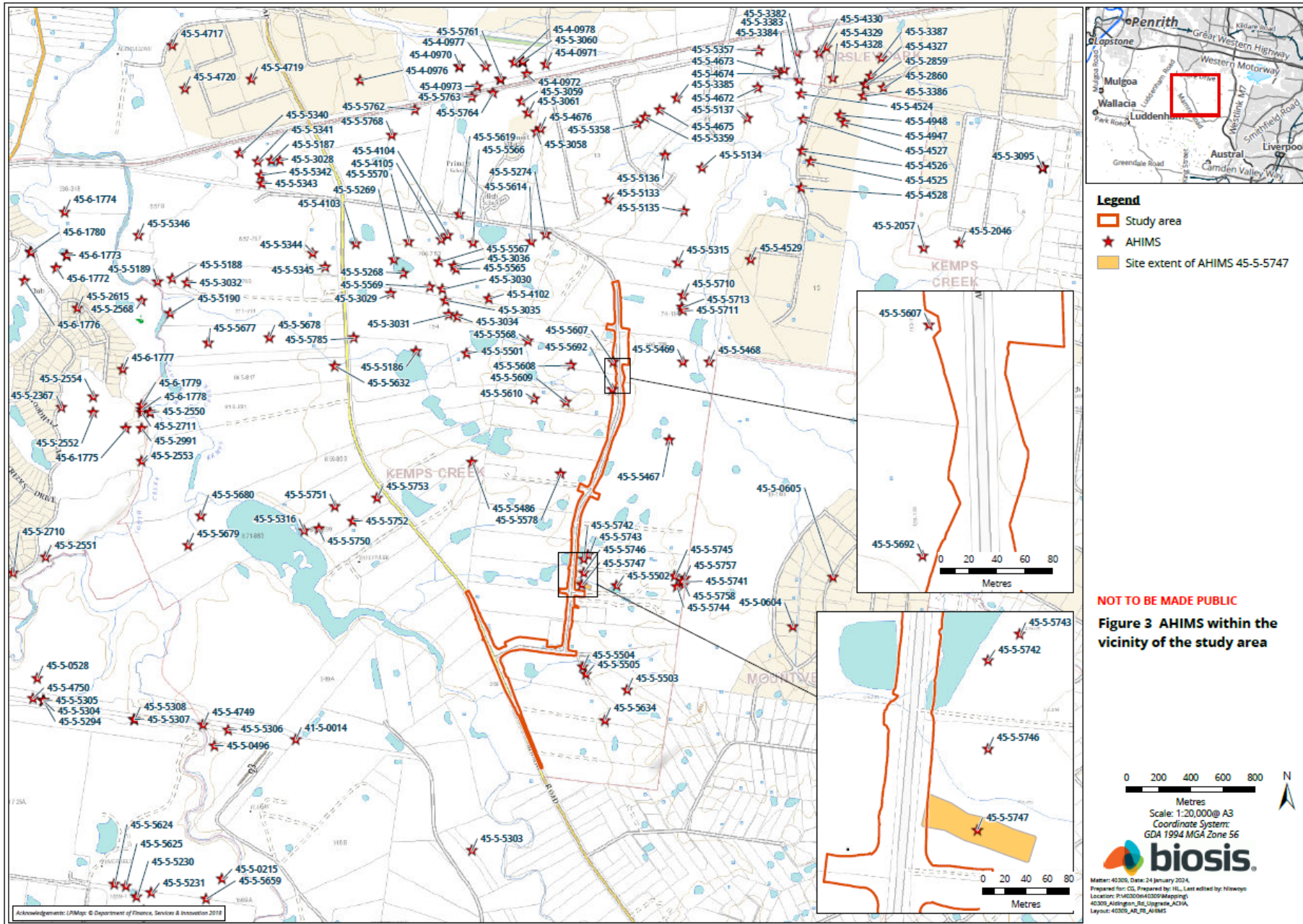


Figure 1 Location of the study area







Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

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15 February 2024

Kayelene Terry
Bariyan Cultural Connections

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Our Ref: Matter: 40309

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The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian

Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,



Bronte Baonza

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

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The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

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AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

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A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

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The proposed schedule and time allocations for the consultation stages are summarised below.

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Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

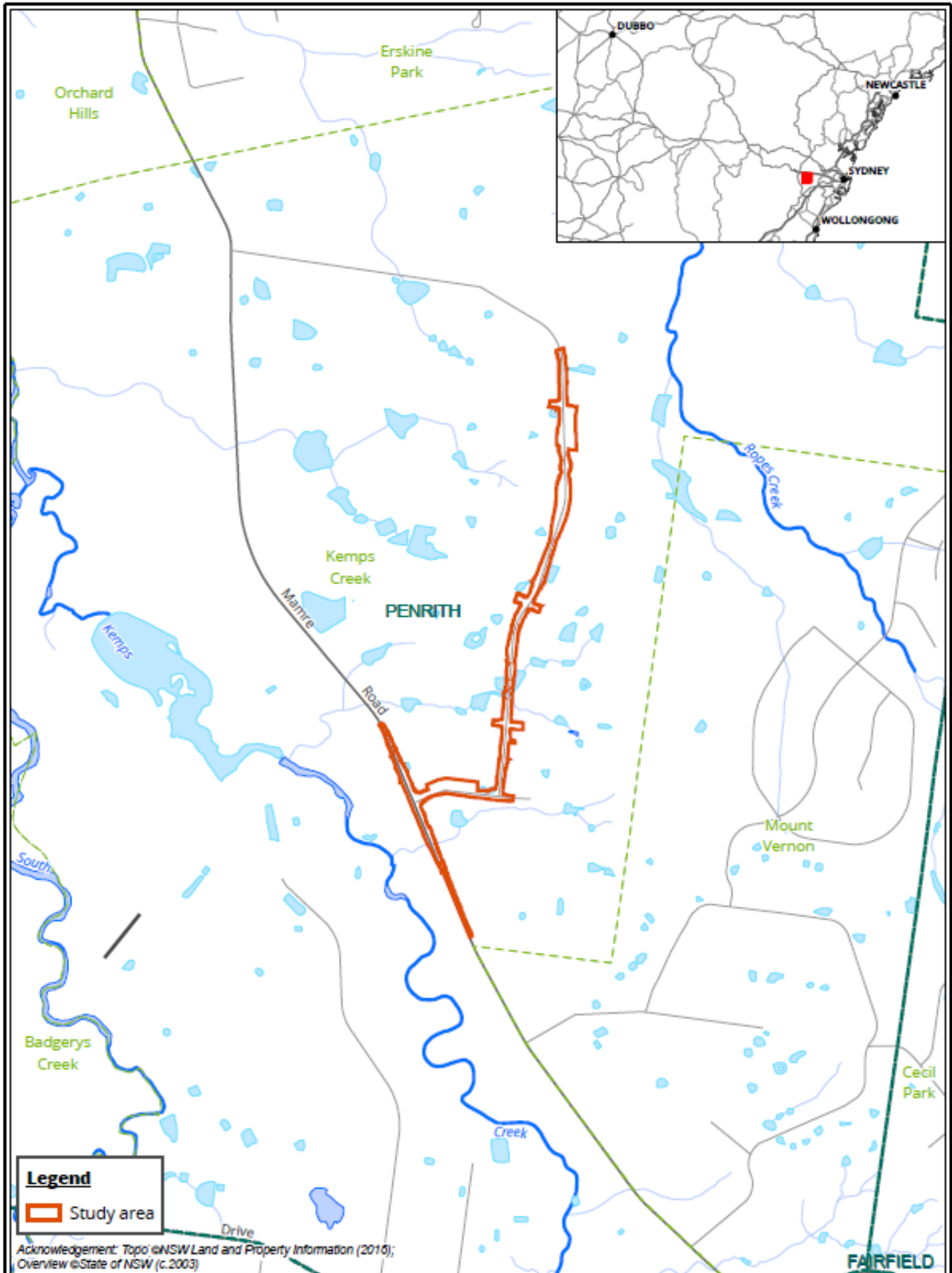
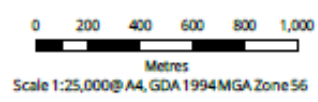
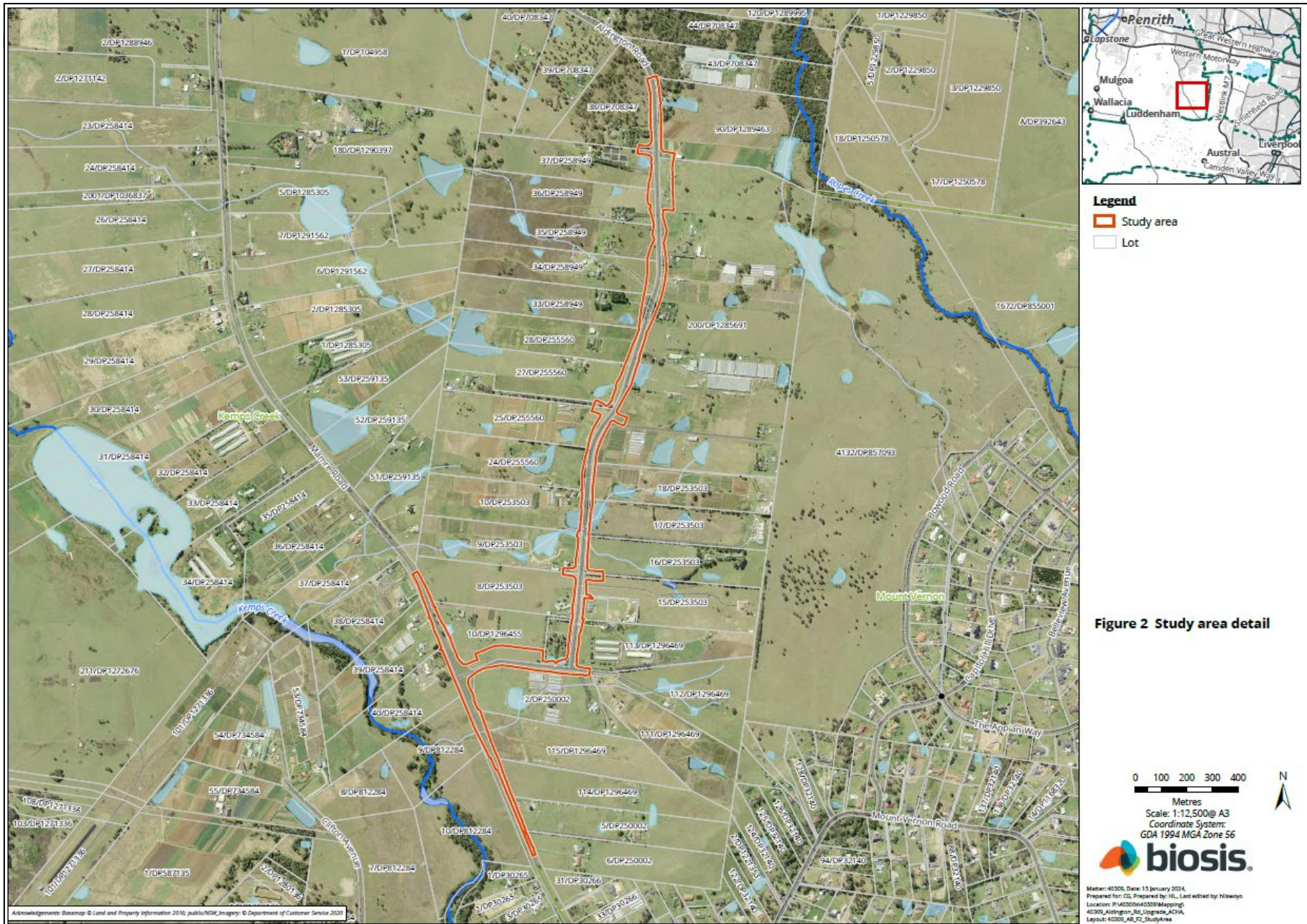
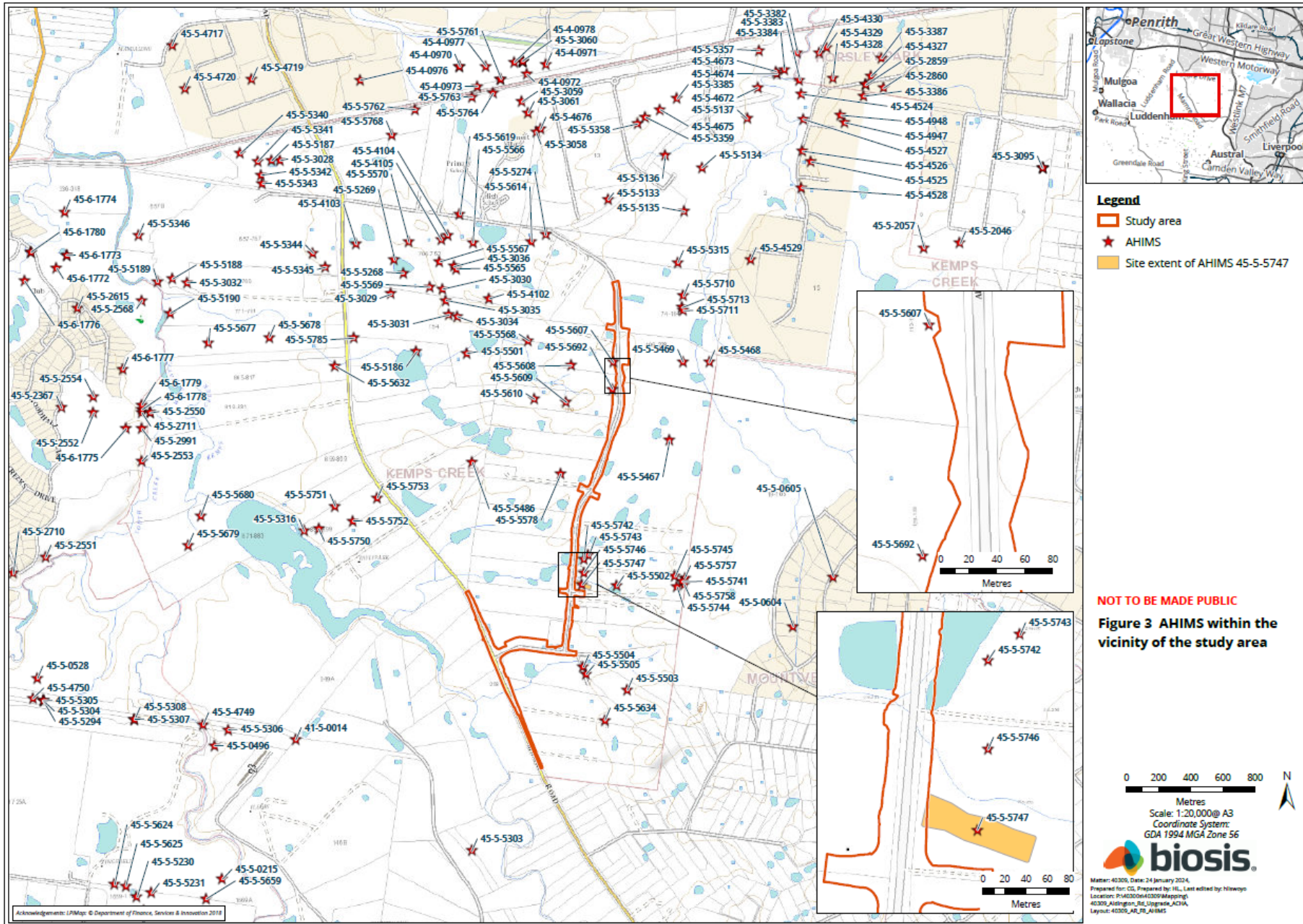


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
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 Layout: 40309_AR_FT_Locality







Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

Culturally sensitive material

Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public, then RAPs should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

- For each test pit that is excavated, the following documentation will be taken:
 - Unique test pit identification number.
 - GPS coordinate of each test pit.
 - Munsell soil colour and texture.
 - Amount and location of cultural material within the deposit.
 - Nature of disturbance where present.
 - Stratigraphy.
 - Archaeological features (if present).
 - Photographic records.
 - Spit records.
- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (14/17–27 Power Avenue, Alexandria, NSW 2015).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

Biosis 2023. *270 Aldington Road, Kemps Creek: Aboriginal Cultural Heritage Assessment*, report for AT&L on behalf of Stockland.

DECCW 2010a. *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, New South Wales Government Department of Environment and Climate Change., Sydney, NSW.

DECCW 2010b. *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW*, Department of Environment and Climate Change, Sydney NSW.

Hazelton PA 1992. *Soil Landscapes of the Kiama 1:00,000 Sheet*, Department of Conservation and Land Management (incorporating the Soil Conservation Service of NSW), Sydney.

JMCHM 2000. *Archaeological Survey for Aboriginal Sites: Proposed Light Industrial Subdivision, 'Austral Site', Mamre Road, Erskine Park, NSW*, Report prepared for Gunninah Environmental Consultants for Austral Brick Company. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005a. *Archaeological Salvage Excavation of Site CG1 (NPWS #45-5-2648), at the corner of Charles and George Streets, Parramatta, NSW*, Report prepared for Meriton Apartments Pty Ltd. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005b. *Archaeological Salvage Excavation of Site RTA-GI, 109-113 George Street, Parramatta, NSW*, Unpublished Report prepared for Landcom. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2008. *Austral Land Mamre Road, Erskine Park Archaeological Salvage Excavations*, Report prepared for Macquarie Goodman. Jo McDonald Cultural Heritage Management Pty Ltd.

Nanson, GC & Croke JC 1992. 'A genetic classification of floodplains', *Geomorphology*, 4, 6: 459–486.

OEH 2011. 'Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW', Office of Environment and Heritage, Department of Premier and Cabinet, Sydney NSW.

15 February 2024

Lee Field
Barraby Cultural Services
334 Argyle Street, Picton NSW 2571

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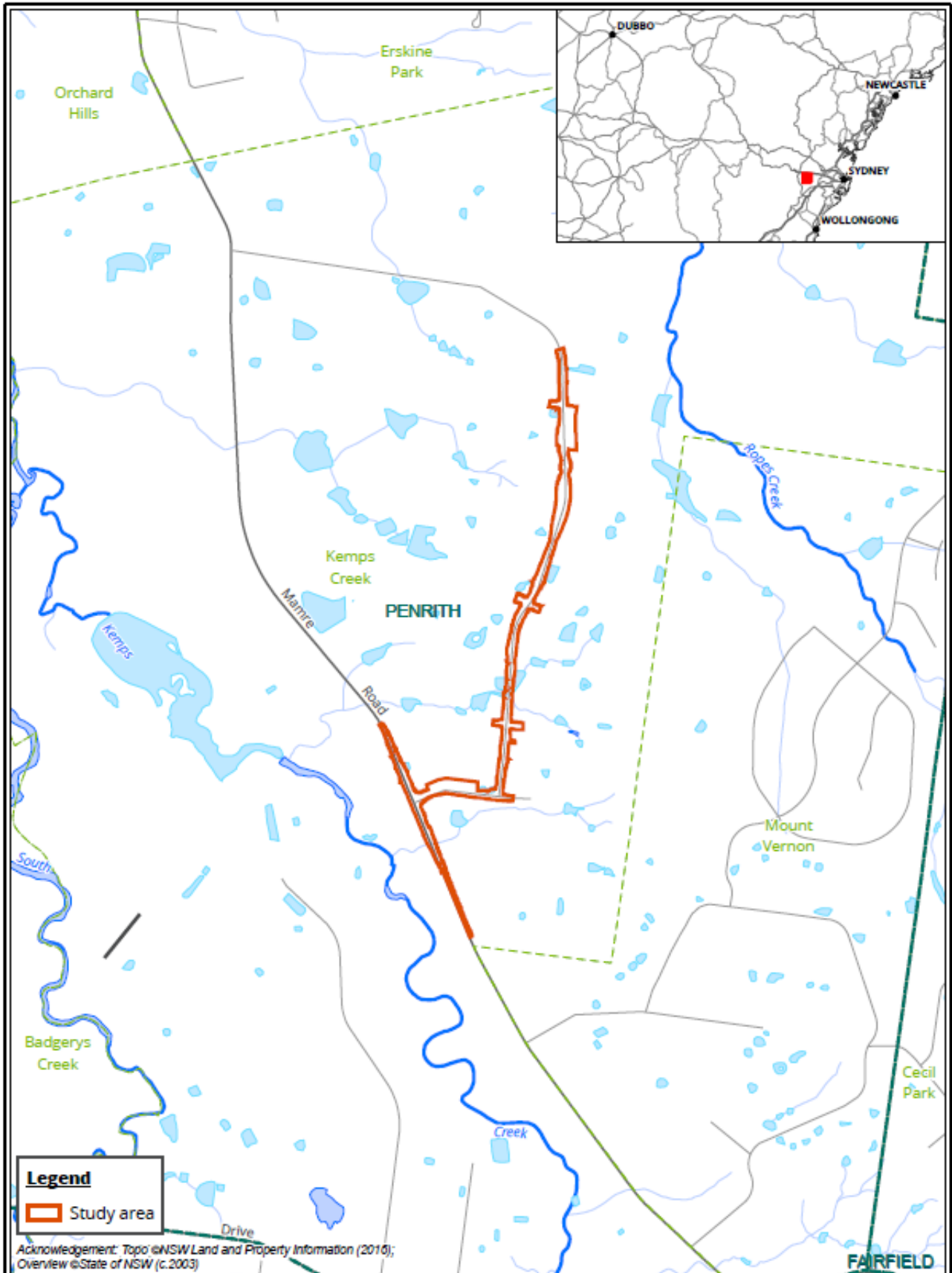
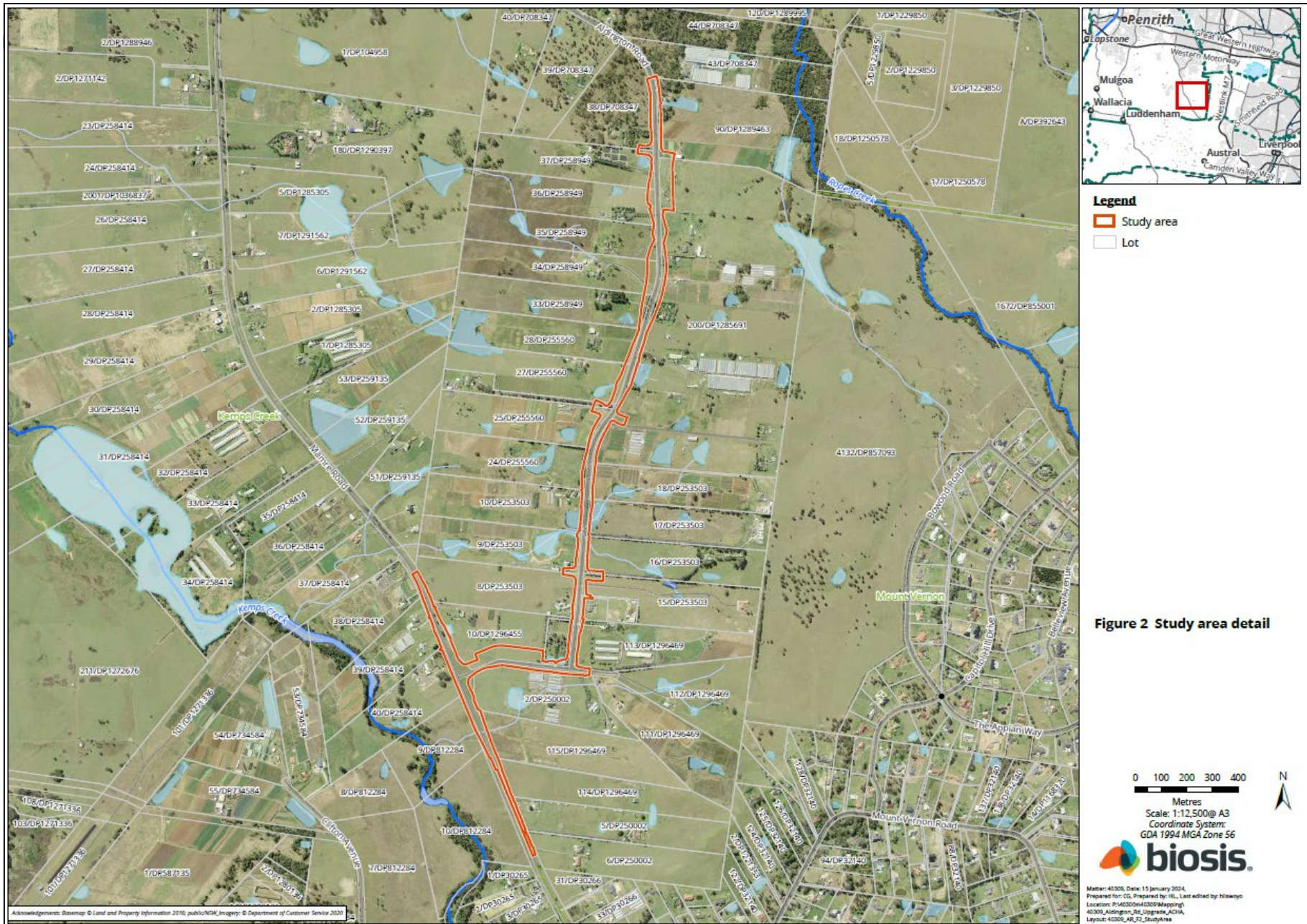
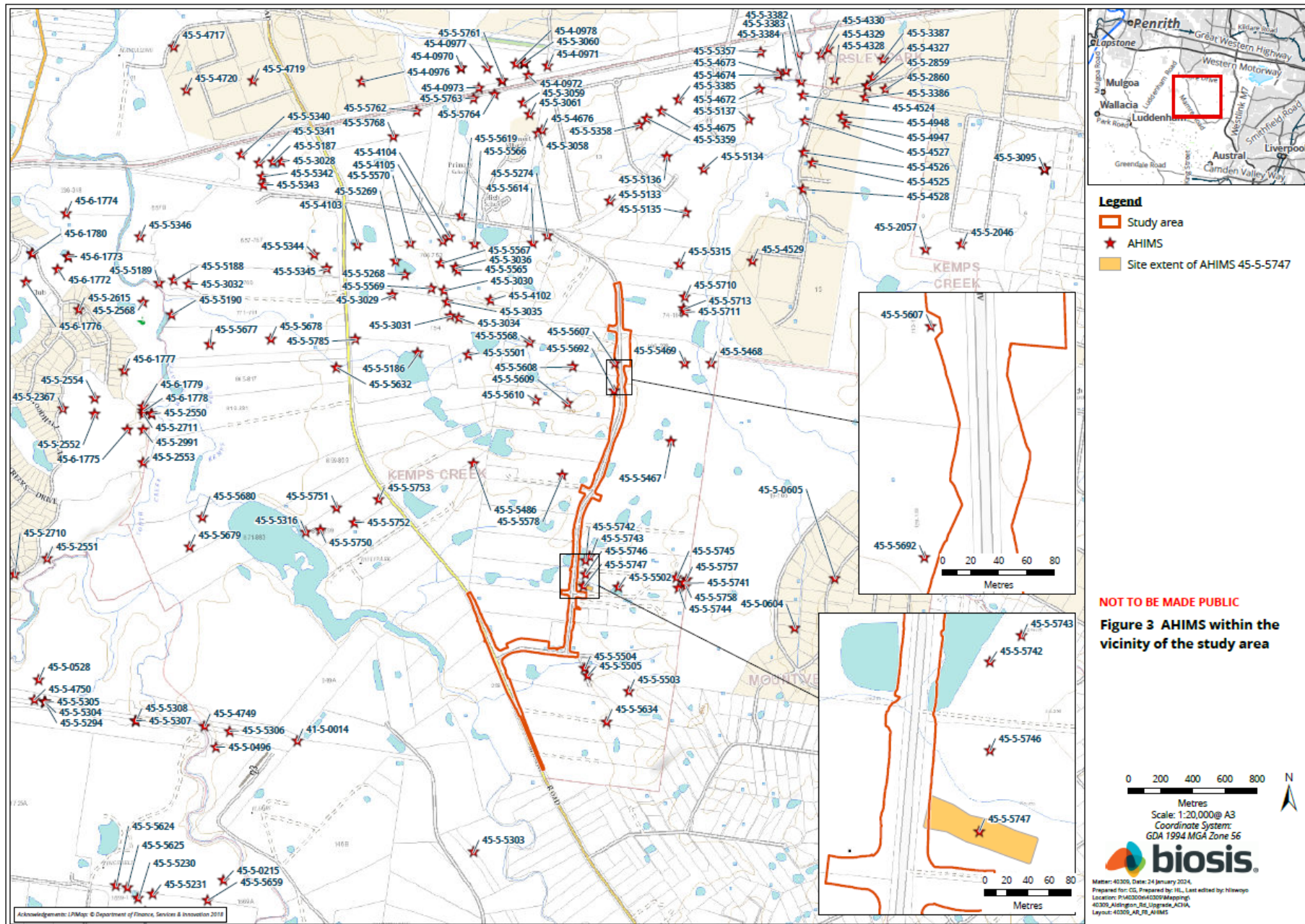


Figure 1 Location of the study area







Legend

- Study area
- ★ AHIMS
- Site extent of AHIMS 45-5-5747

NOT TO BE MADE PUBLIC
Figure 3 AHIMS within the vicinity of the study area

0 200 400 600 800 N
 Metres
 Scale: 1:20,000@ A3
 Coordinate System:
 GDA 1994 MGA Zone 56

Matrix: 40309, Date: 24 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hlwms
 Location: P:\40309\40309\Mapping
 40309_Ashington_Rd_Upgrade_ACHIA
 Layout: 40309_AHIMS

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- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

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Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
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- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

- For each test pit that is excavated, the following documentation will be taken:
 - Unique test pit identification number.
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 - Spit records.
- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

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Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

Biosis 2023. *270 Aldington Road, Kemps Creek: Aboriginal Cultural Heritage Assessment*, report for AT&L on behalf of Stockland.

DECCW 2010a. *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, New South Wales Government Department of Environment and Climate Change., Sydney, NSW.

DECCW 2010b. *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW*, Department of Environment and Climate Change, Sydney NSW.

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JMCHM 2005a. *Archaeological Salvage Excavation of Site CG1 (NPWS #45-5-2648), at the corner of Charles and George Streets, Parramatta, NSW*, Report prepared for Meriton Apartments Pty Ltd. Jo McDonald Cultural Heritage Management Pty Ltd.

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JMCHM 2008. *Austral Land Mamre Road, Erskine Park Archaeological Salvage Excavations*, Report prepared for Macquarie Goodman. Jo McDonald Cultural Heritage Management Pty Ltd.

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OEH 2011. 'Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW', Office of Environment and Heritage, Department of Premier and Cabinet, Sydney NSW.



15 February 2024

Bill Trewlynn
Bill Trewlynn
282 Pringle Road Retreat NSW 2355

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,

A handwritten signature in black ink that reads "Bronte".

Bronte Baonza

Biosis Pty Ltd
Sydney Resource Group

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097
ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

flakes, two medial flakes, one multidirectional core and one manuport. Disturbances observed within the area relate to low intensity agriculture.

The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation is part of the Wianamatta group, and consists of shale, carbonaceous claystone, laminate, lithic sandstone, and rare coal. Artefact scatters are common in this geological unit, as are PADs. The presence of underlying shale deposits suggests that sites commonly found within sandstone formations, such as grinding grooves and rock shelters/rock art, are less likely to be present. Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

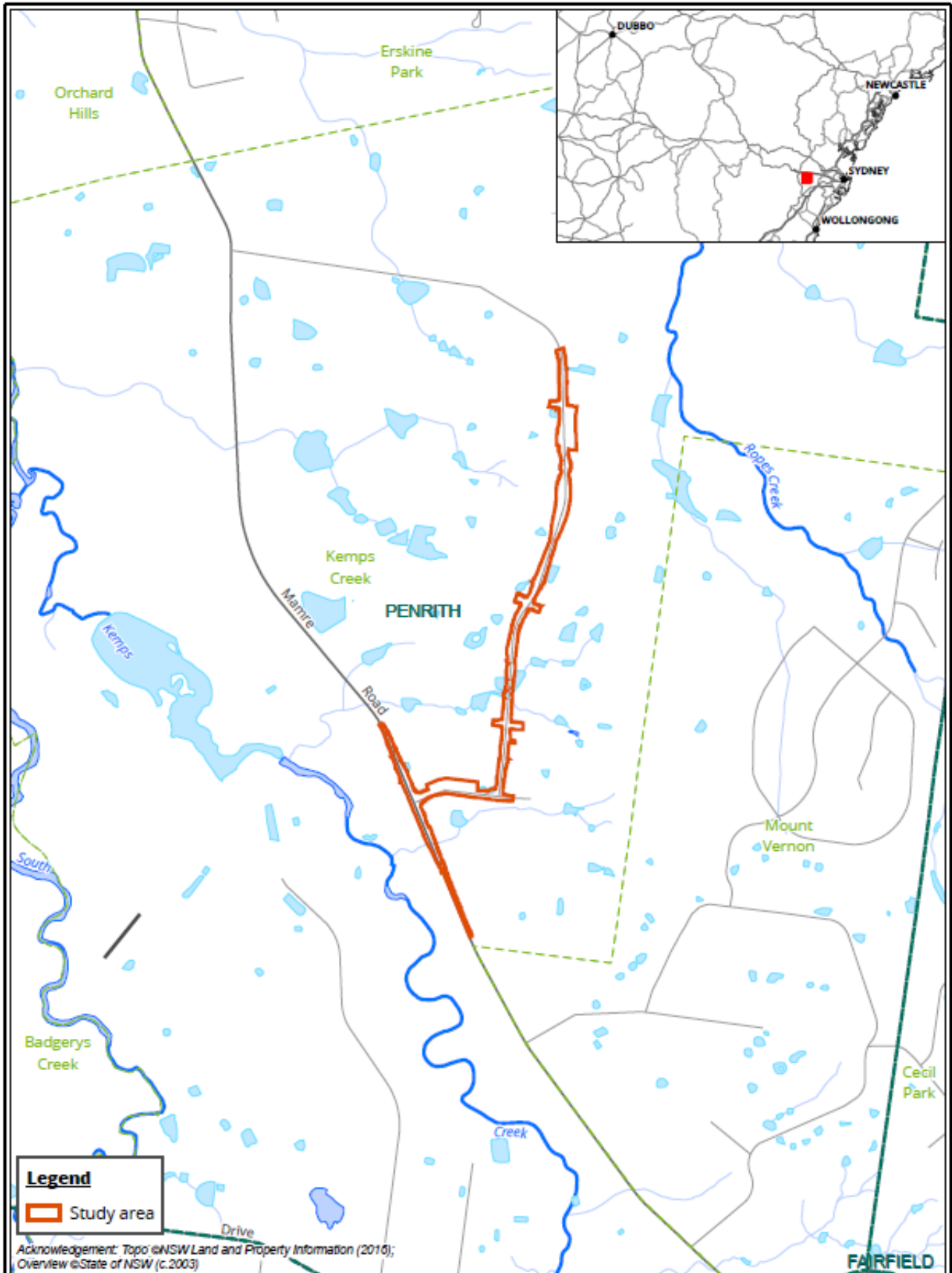
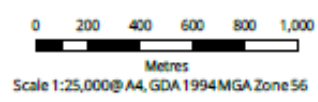
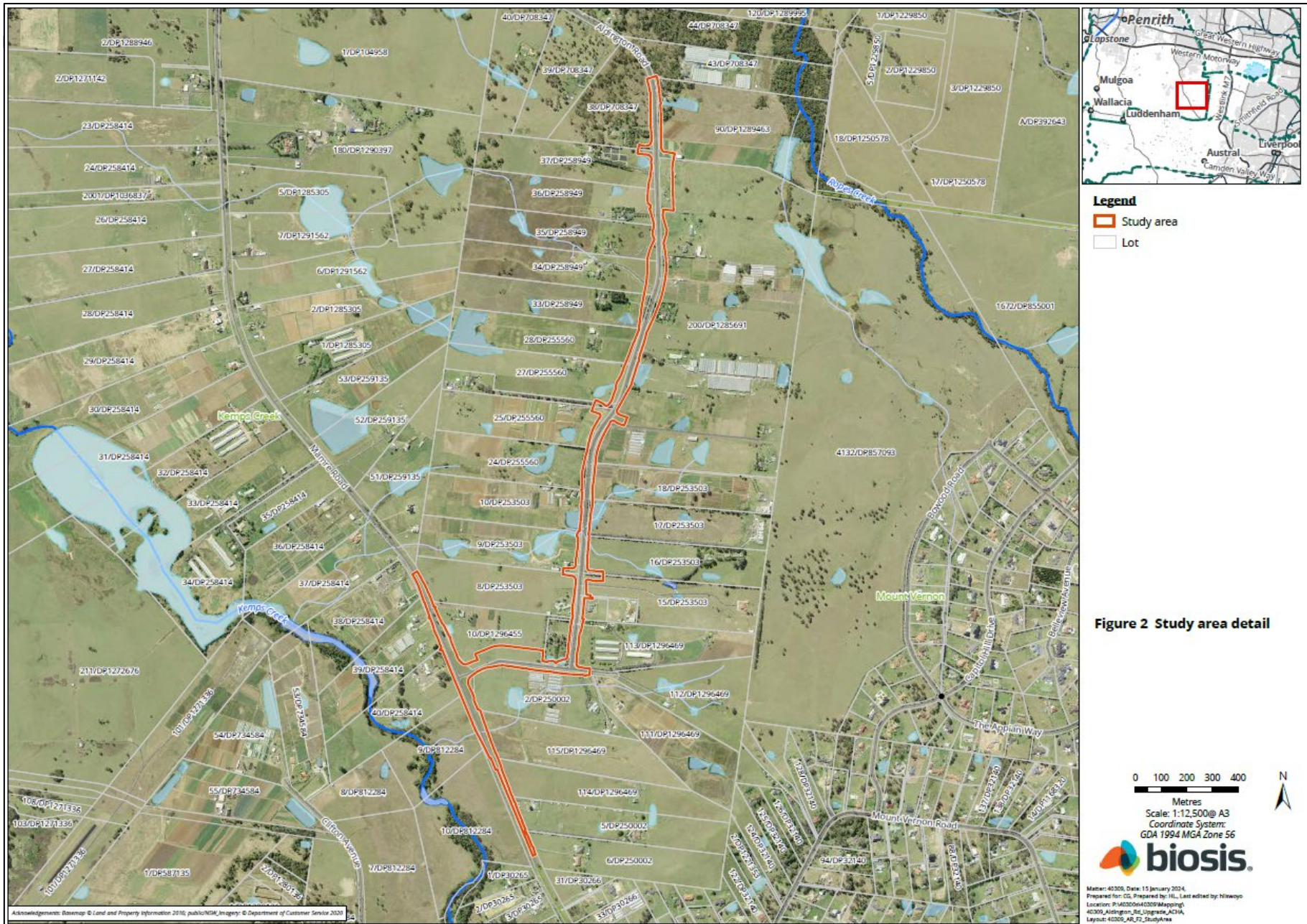
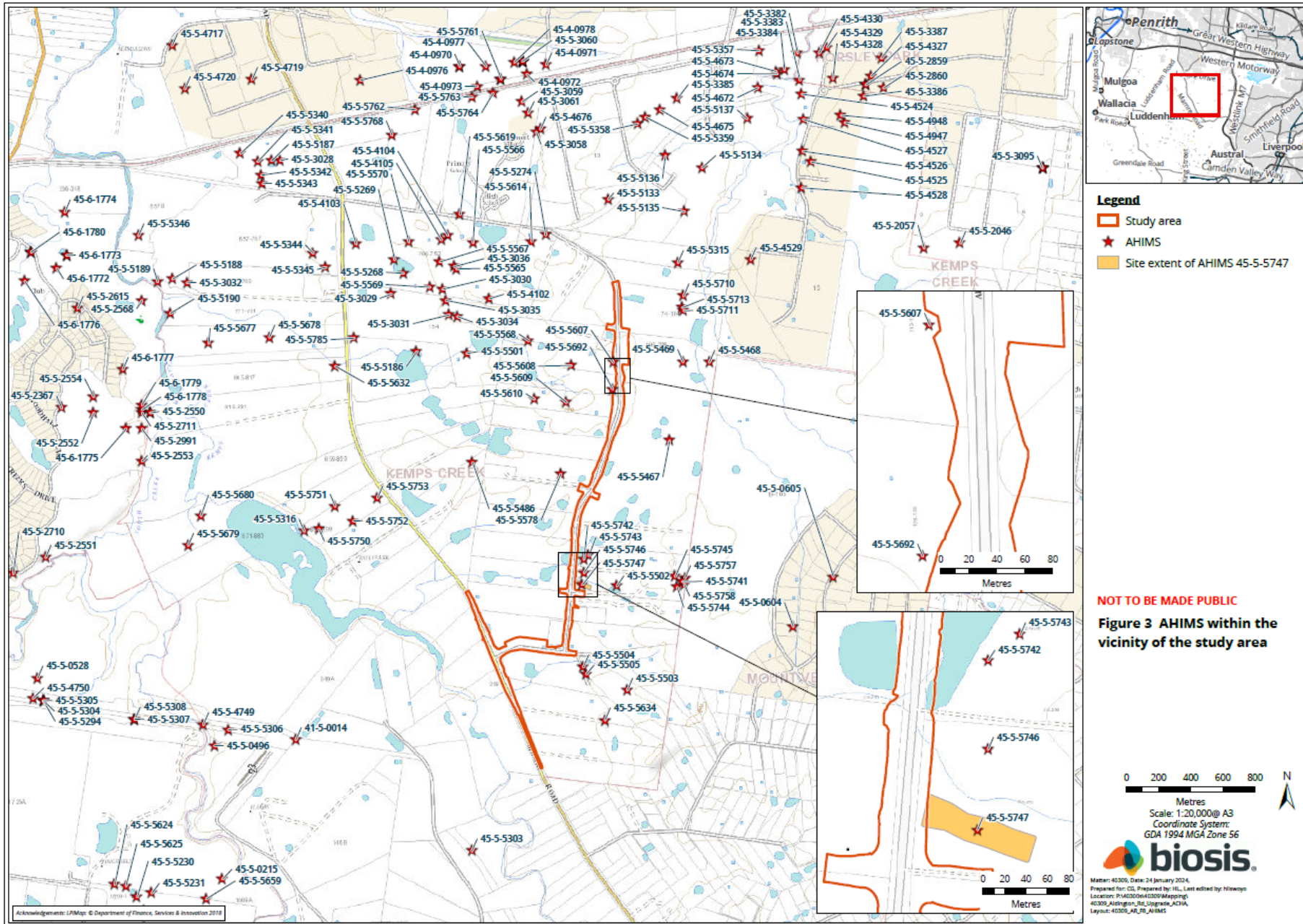


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
 Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade\ACHA
 Layout: 40309_AR_FT_Locality







Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

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The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
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- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
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- Maps detailing any Aboriginal sites identified during the assessment process.

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15 February 2024

Jennifer Beale
Butucarbin Aboriginal Corporation
PO Box E18, Emerton, NSW 2770

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,



Bronte Baonza

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

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A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
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Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

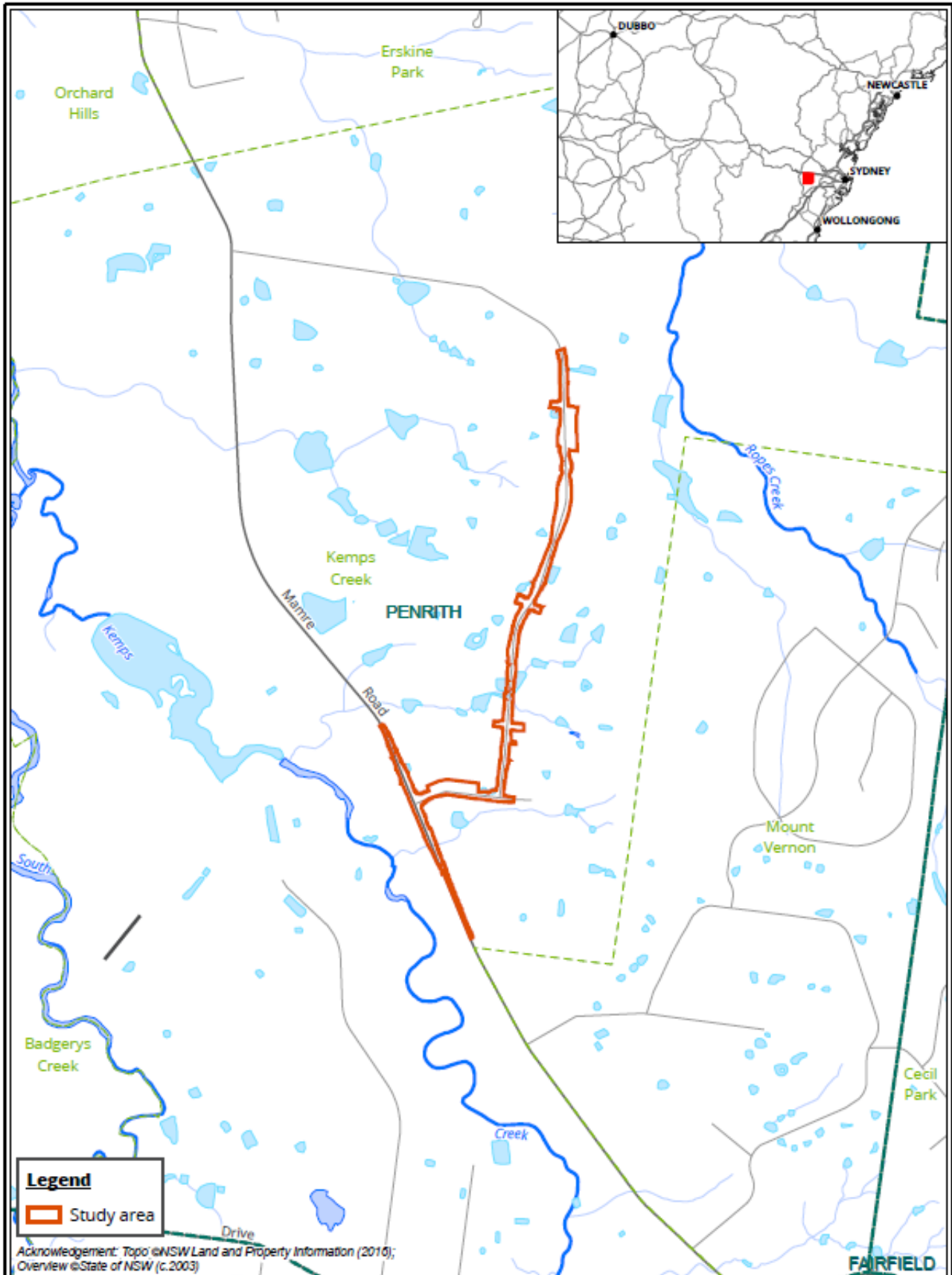
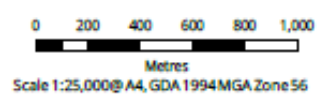
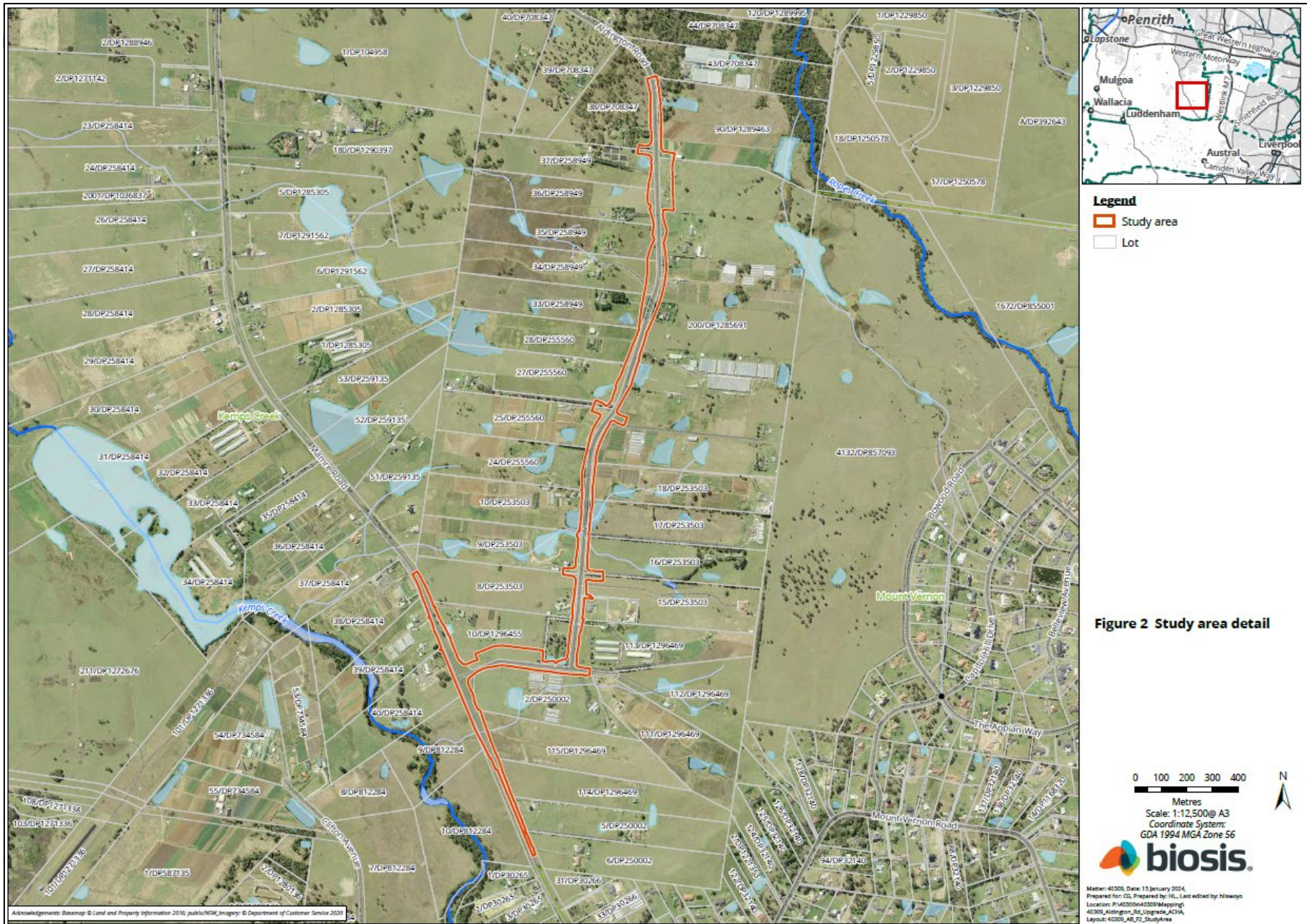
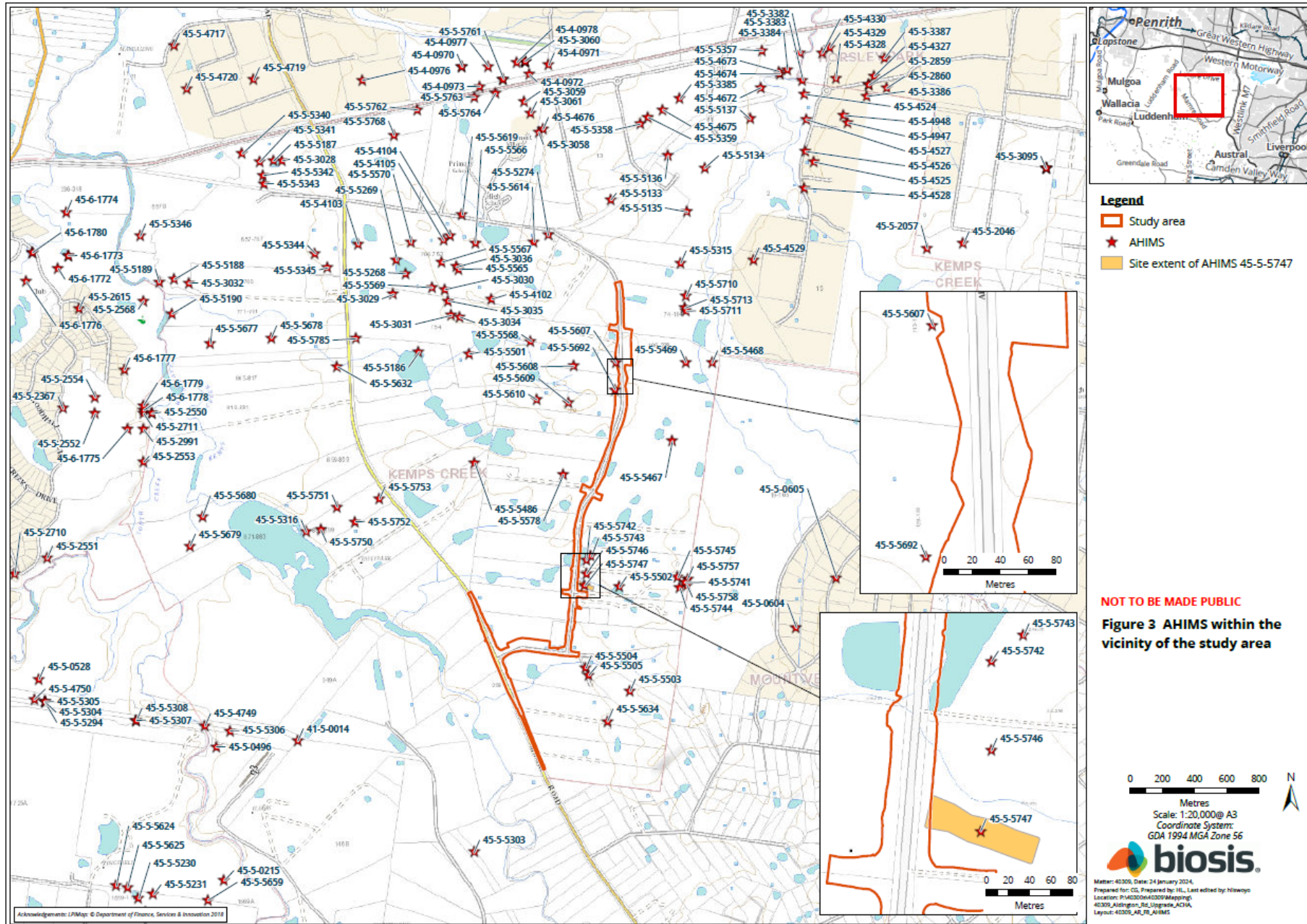


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
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 Layout: 40309_AR_FT_Locality







Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

Culturally sensitive material

Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public, then RAPs should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

- For each test pit that is excavated, the following documentation will be taken:
 - Unique test pit identification number.
 - GPS coordinate of each test pit.
 - Munsell soil colour and texture.
 - Amount and location of cultural material within the deposit.
 - Nature of disturbance where present.
 - Stratigraphy.
 - Archaeological features (if present).
 - Photographic records.
 - Spit records.
- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (14/17–27 Power Avenue, Alexandria, NSW 2015).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

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15 February 2024

Marilyn Carroll-Johnson
Corroboree Aboriginal Corporation
PO BOX 344 LITHGOW NSW 2790

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Yours sincerely,

A handwritten signature in black ink that reads "Bronte".

Bronte Baonza

Biosis Pty Ltd
Sydney Resource Group

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097
ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

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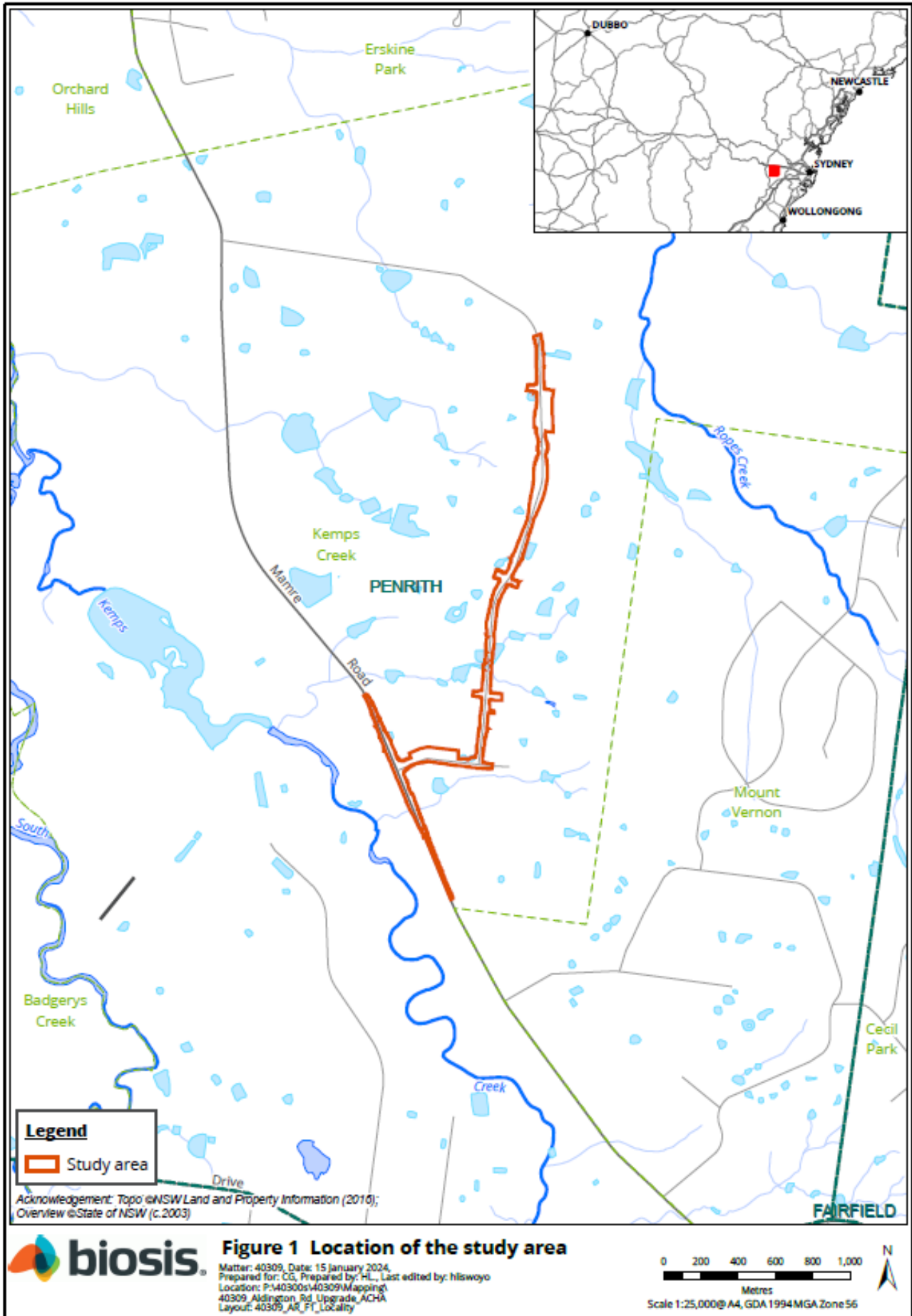
Responsibilities and roles

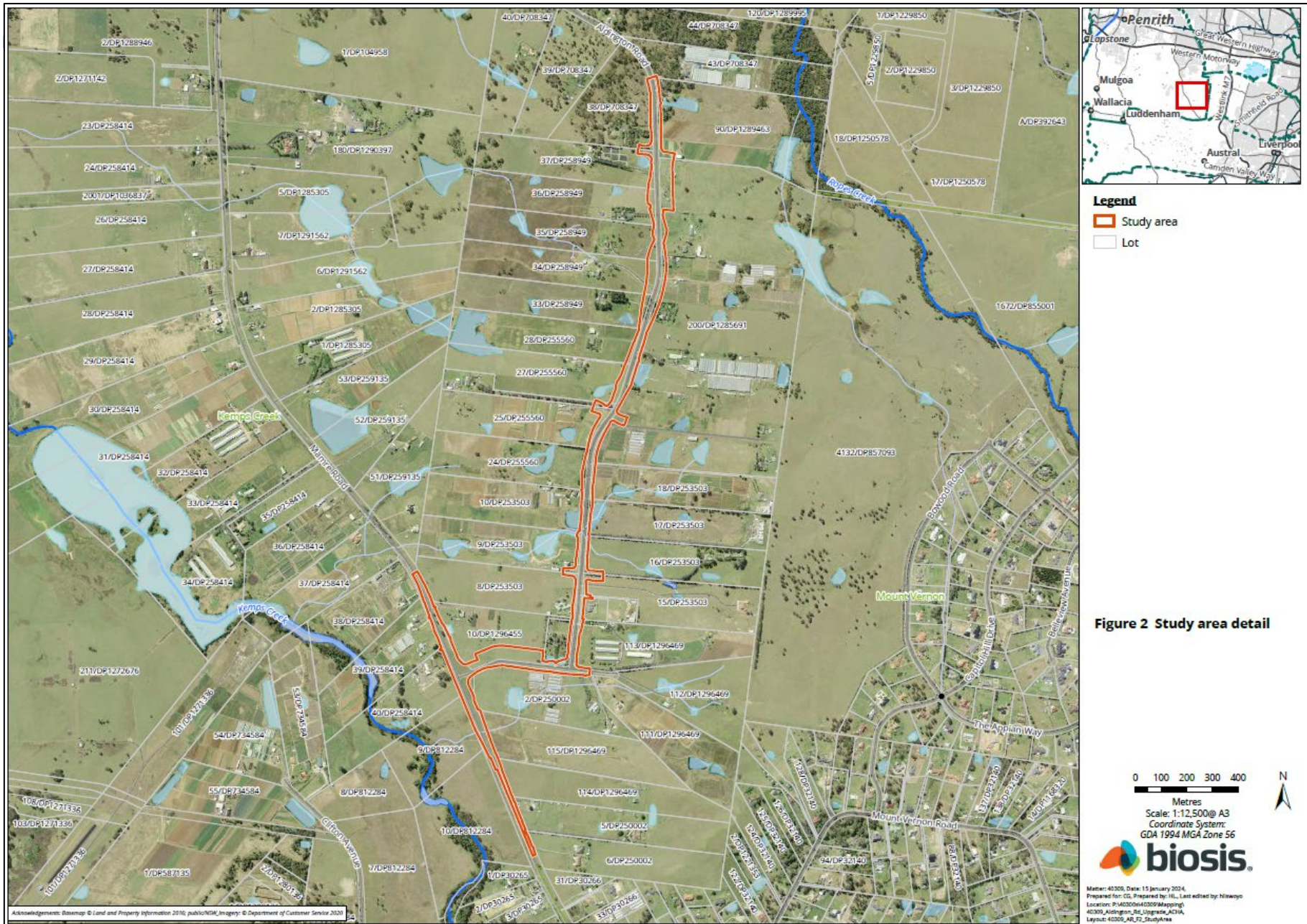
As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

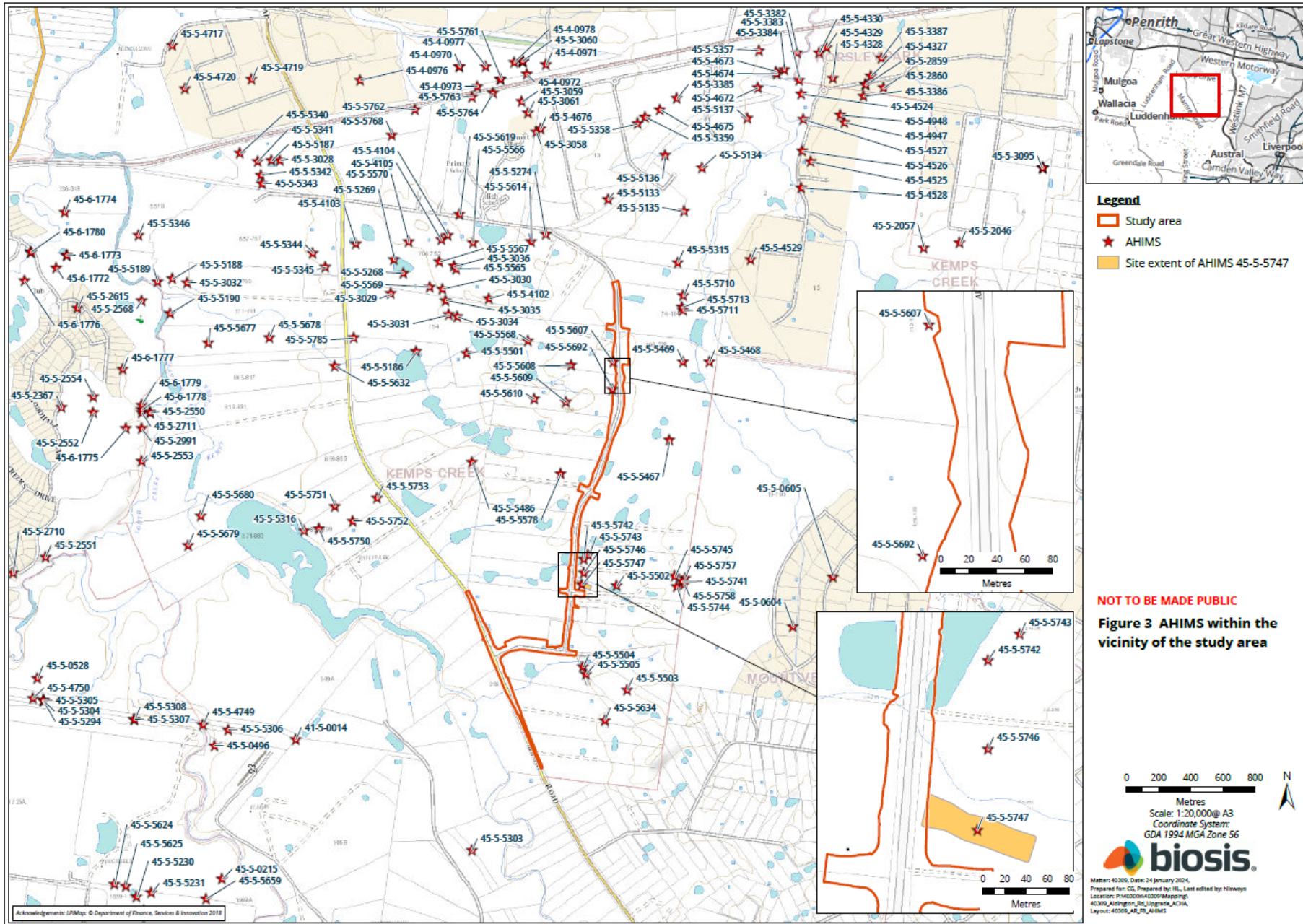
Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.







Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

Culturally sensitive material

Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public, then RAPs should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

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 - Unique test pit identification number.
 - GPS coordinate of each test pit.
 - Munsell soil colour and texture.
 - Amount and location of cultural material within the deposit.
 - Nature of disturbance where present.
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 - Spit records.
- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (14/17–27 Power Avenue, Alexandria, NSW 2015).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

Biosis 2023. *270 Aldington Road, Kemps Creek: Aboriginal Cultural Heritage Assessment*, report for AT&L on behalf of Stockland.

DECCW 2010a. *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, New South Wales Government Department of Environment and Climate Change., Sydney, NSW.

DECCW 2010b. *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW*, Department of Environment and Climate Change, Sydney NSW.

Hazelton PA 1992. *Soil Landscapes of the Kiama 1:00,000 Sheet*, Department of Conservation and Land Management (incorporating the Soil Conservation Service of NSW), Sydney.

JMCHM 2000. *Archaeological Survey for Aboriginal Sites: Proposed Light Industrial Subdivision, 'Austral Site', Mamre Road, Erskine Park, NSW*, Report prepared for Gunninah Environmental Consultants for Austral Brick Company. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005a. *Archaeological Salvage Excavation of Site CG1 (NPWS #45-5-2648), at the corner of Charles and George Streets, Parramatta, NSW*, Report prepared for Meriton Apartments Pty Ltd. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005b. *Archaeological Salvage Excavation of Site RTA-GI, 109-113 George Street, Parramatta, NSW*, Unpublished Report prepared for Landcom. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2008. *Austral Land Mamre Road, Erskine Park Archaeological Salvage Excavations*, Report prepared for Macquarie Goodman. Jo McDonald Cultural Heritage Management Pty Ltd.

Nanson, GC & Croke JC 1992. 'A genetic classification of floodplains', *Geomorphology*, 4, 6: 459–486.

OEH 2011. 'Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW', Office of Environment and Heritage, Department of Premier and Cabinet, Sydney NSW.

15 February 2024

Damien Morrison
Damo digs
5 Deirdre Drive, Riverstone NSW 2765

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,



Bronte Baonza

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

flakes, two medial flakes, one multidirectional core and one manuport. Disturbances observed within the area relate to low intensity agriculture.

The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation is part of the Wianamatta group, and consists of shale, carbonaceous claystone, laminate, lithic sandstone, and rare coal. Artefact scatters are common in this geological unit, as are PADs. The presence of underlying shale deposits suggests that sites commonly found within sandstone formations, such as grinding grooves and rock shelters/rock art, are less likely to be present. Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
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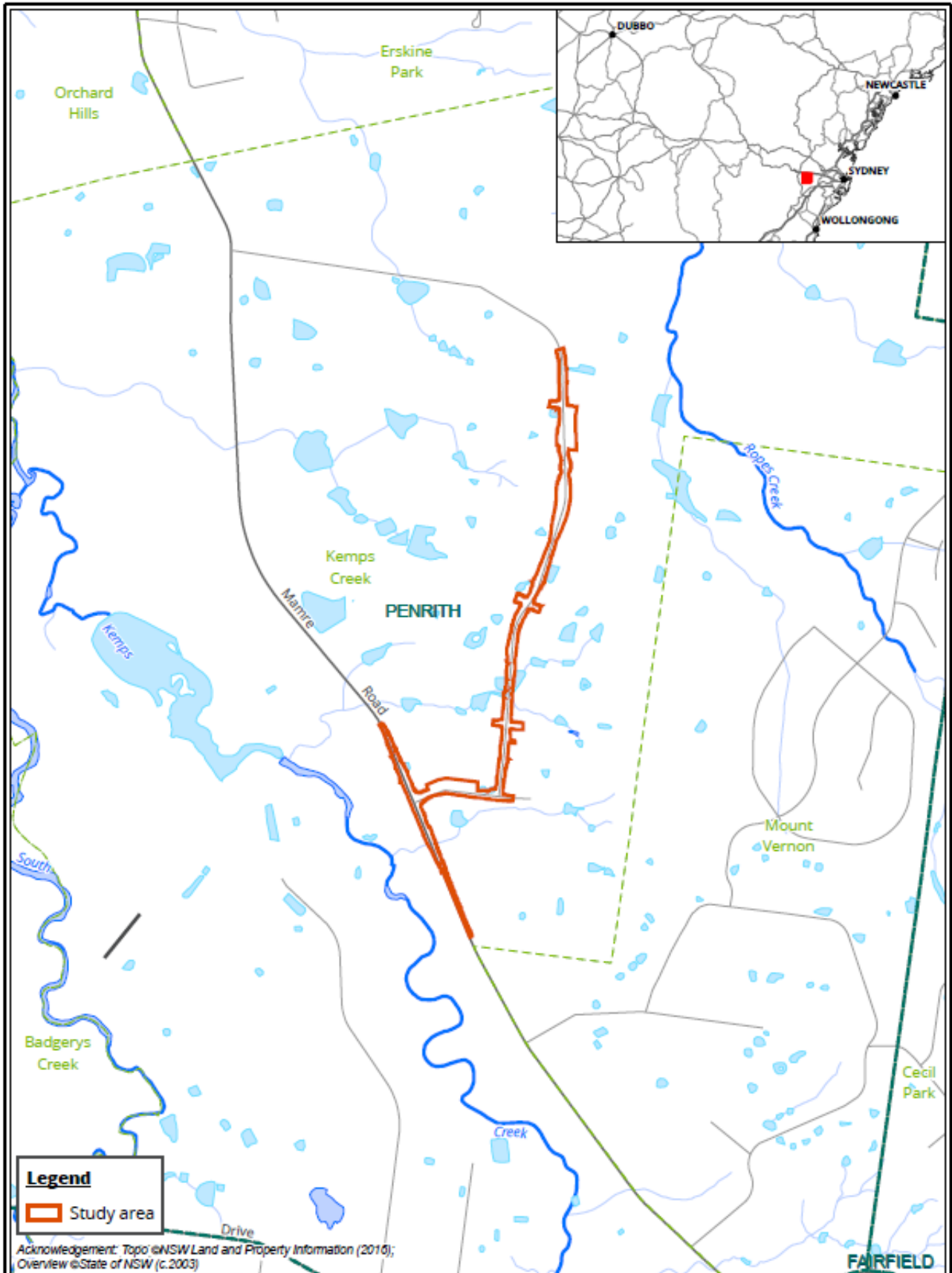
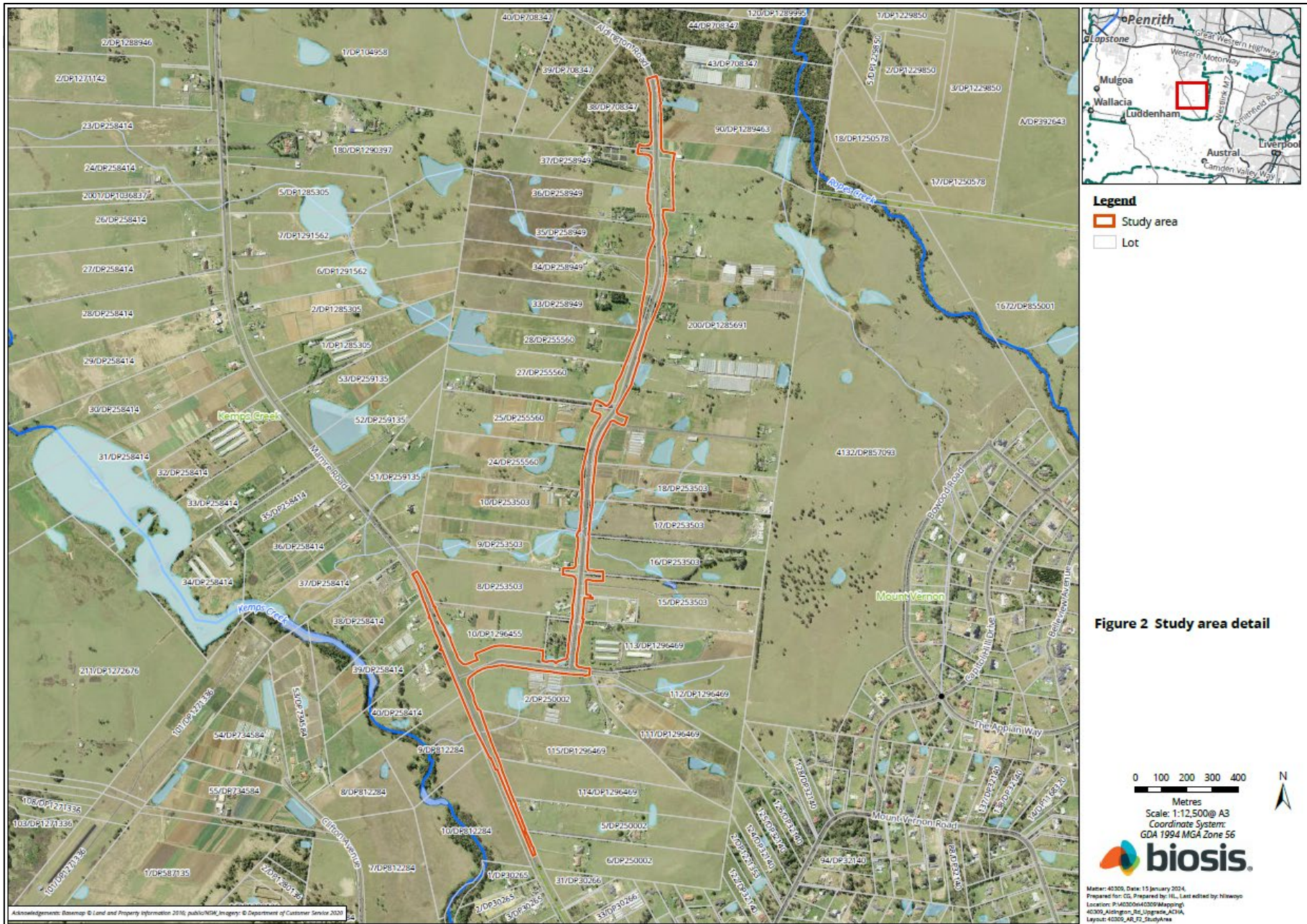


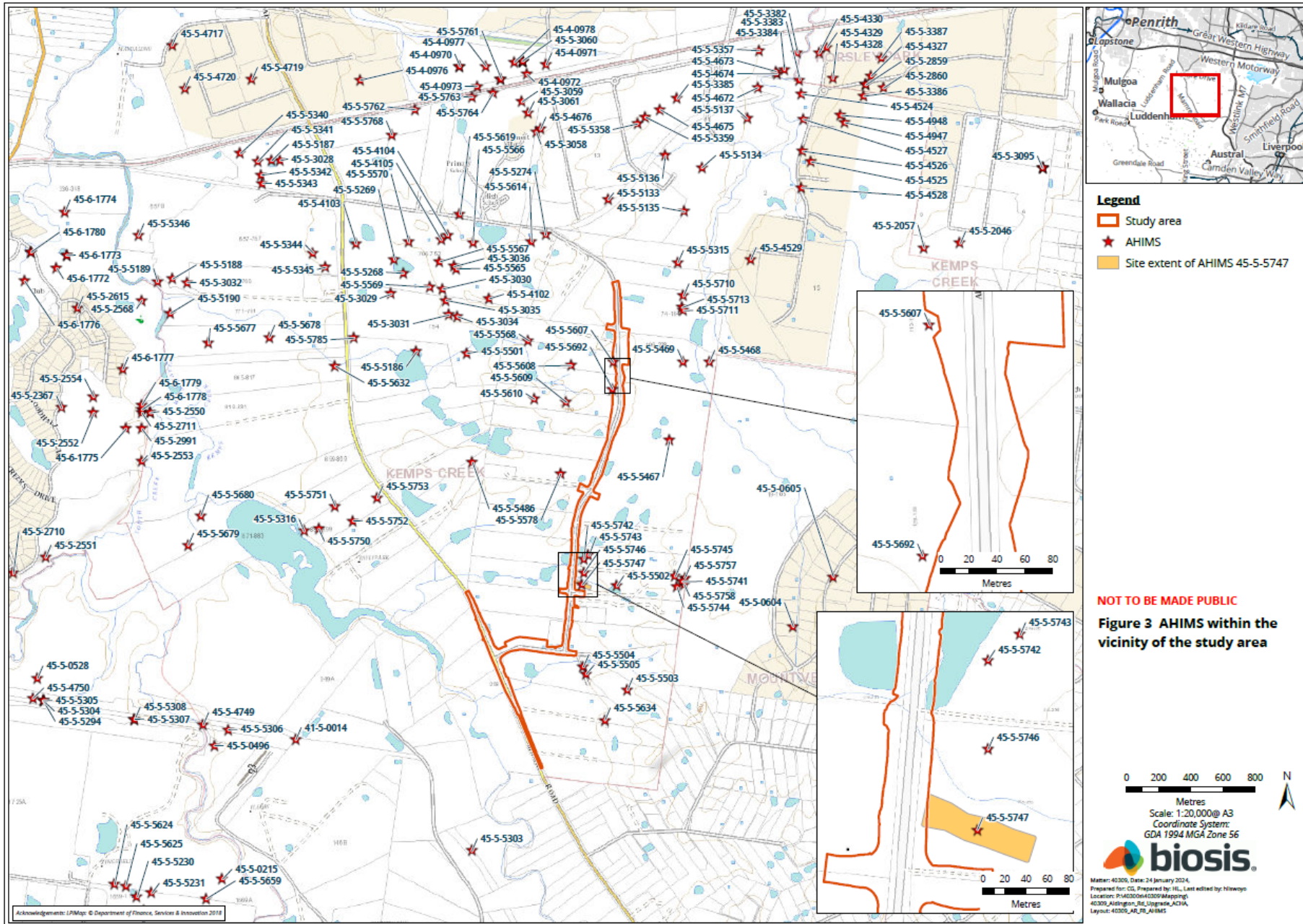
Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
 Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade\ACHA
 Layout: 40309_AR_FT_Locality

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 Metres
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Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

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- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

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15 February 2024

Kevin Cavanagh
Deerubbin Local Aboriginal Land Council
Level 1, Suite 3-291-295 High Street, Penrith NSW 2750

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,

A handwritten signature in black ink that reads "Bronte".

Bronte Baonza

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

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A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

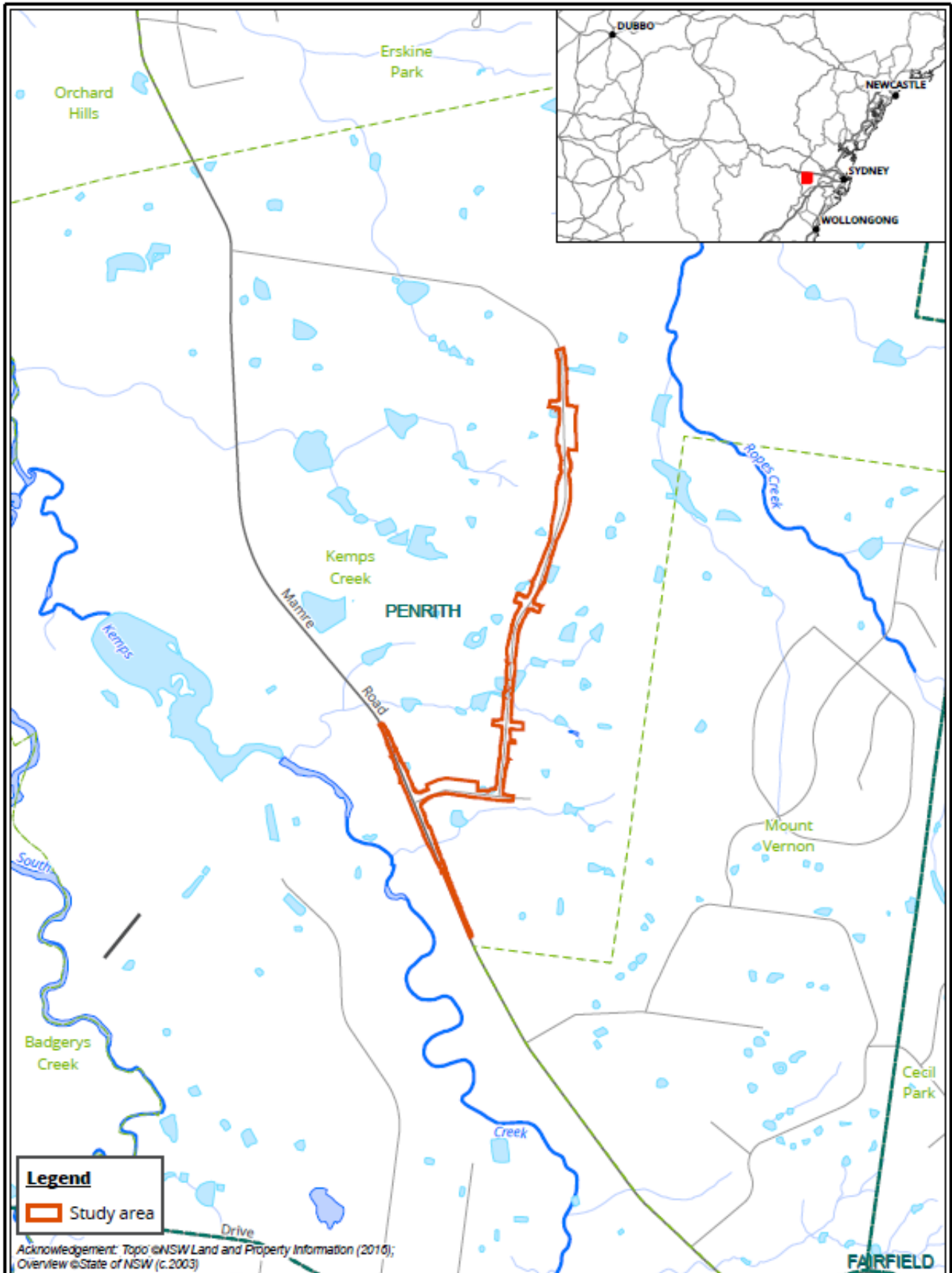
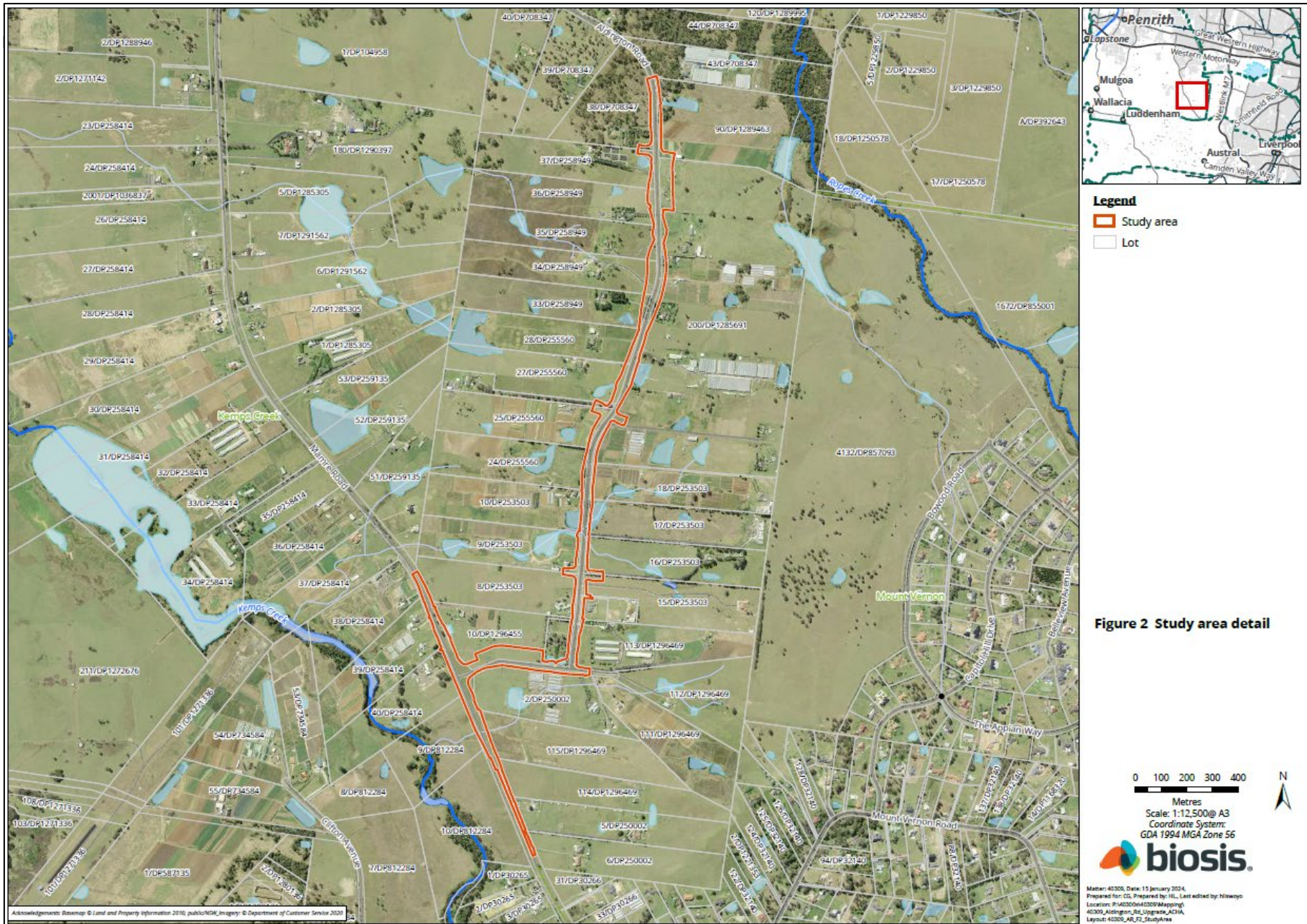


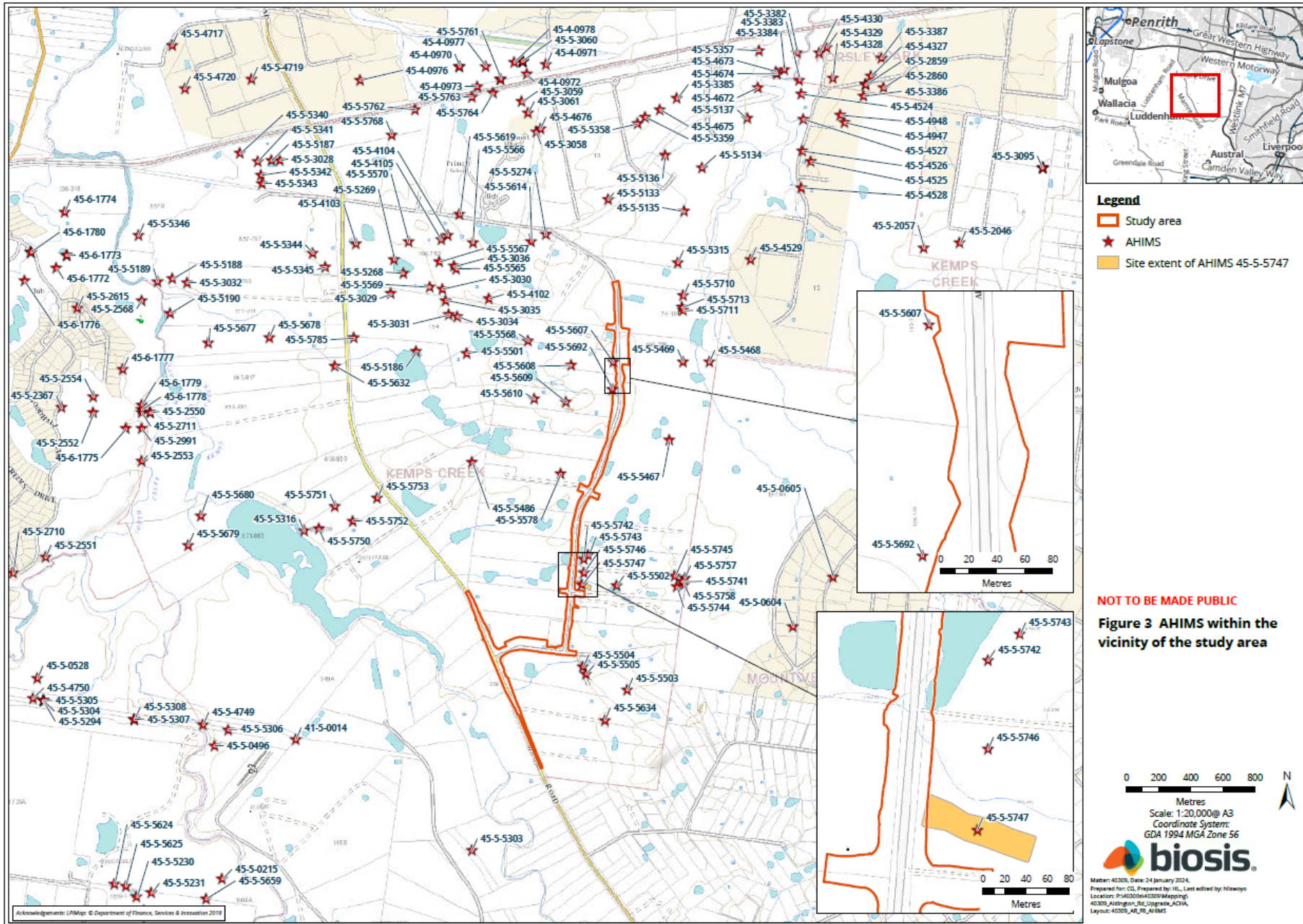
Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
 Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade\ACHA
 Layout: 40309_AR_FT_Locality

0 200 400 600 800 1,000
 Metres
 Scale 1:25,000@ A4, GDA 1994 MGA Zone 56







Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

Culturally sensitive material

Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public, then RAPs should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

- For each test pit that is excavated, the following documentation will be taken:
 - Unique test pit identification number.
 - GPS coordinate of each test pit.
 - Munsell soil colour and texture.
 - Amount and location of cultural material within the deposit.
 - Nature of disturbance where present.
 - Stratigraphy.
 - Archaeological features (if present).
 - Photographic records.
 - Spit records.
- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (14/17–27 Power Avenue, Alexandria, NSW 2015).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

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15 February 2024

Lillie Carroll and Paul Boyd
Didge Ngunawal Clan
33 Carlyle Crescent Cambridge Gardens NSW 2747

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Bronte Baonza

Biosis Pty Ltd
Sydney Resource Group

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097
ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

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Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
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Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

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- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

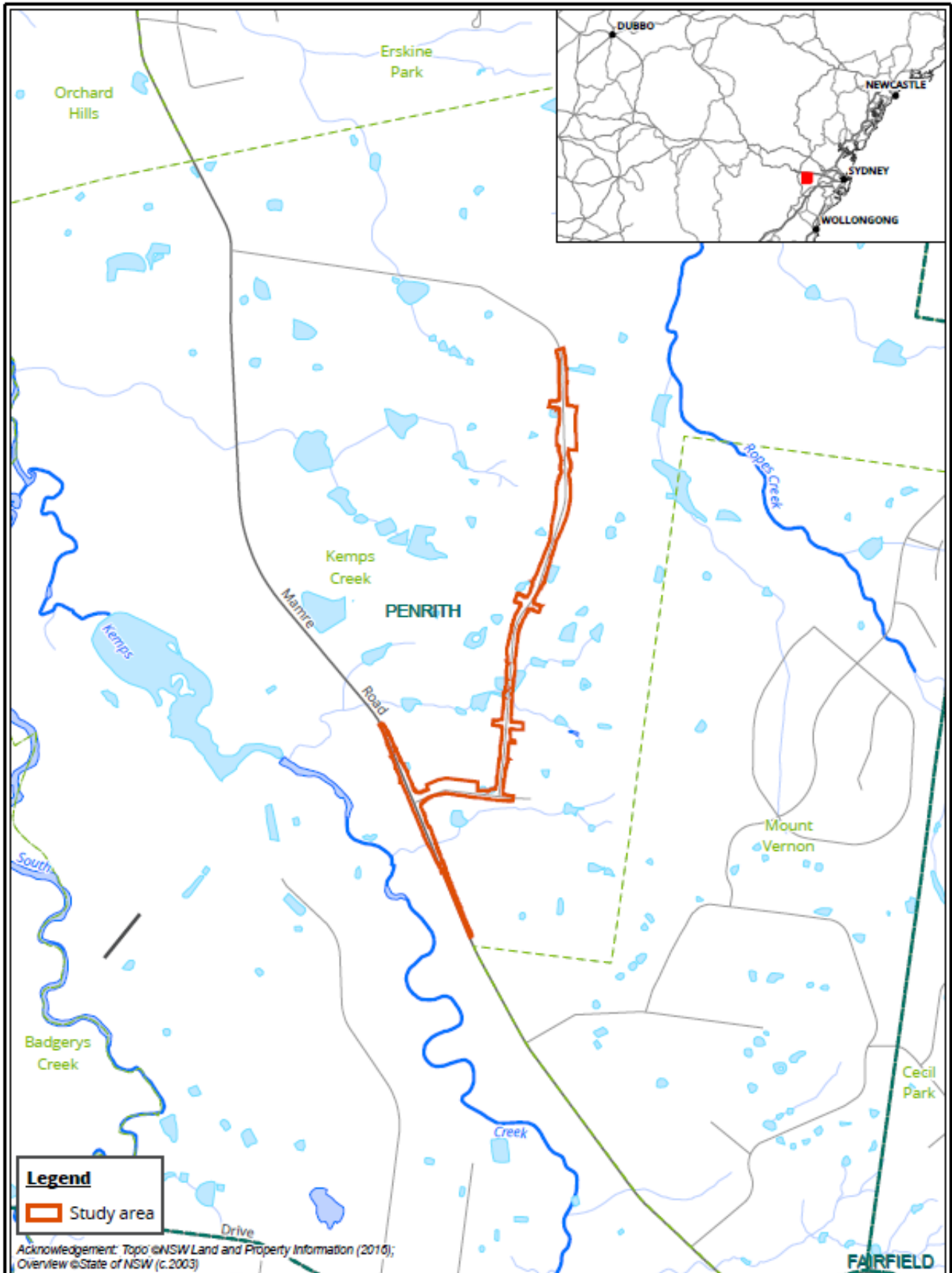
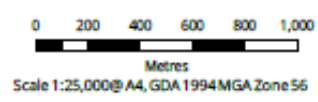
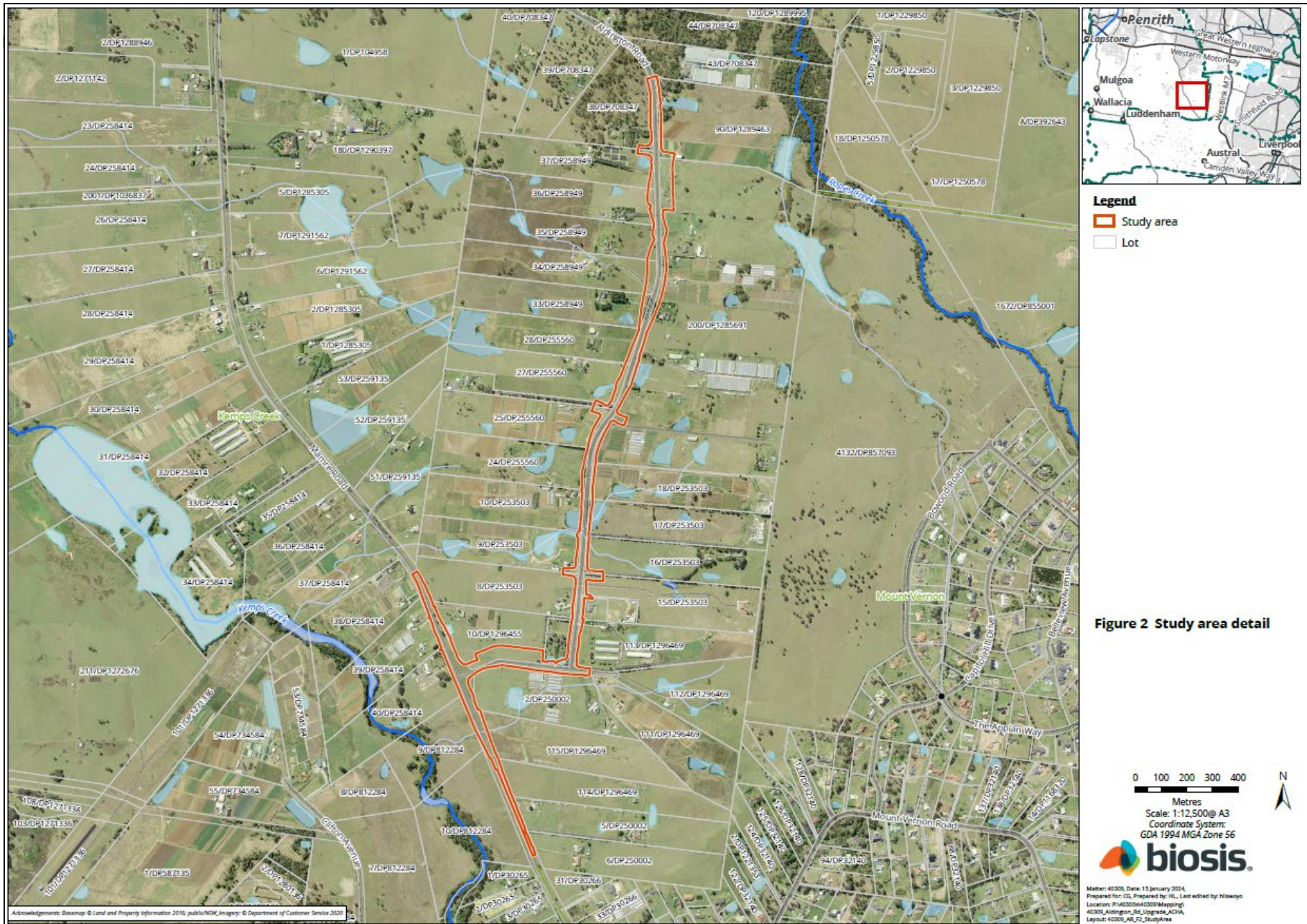
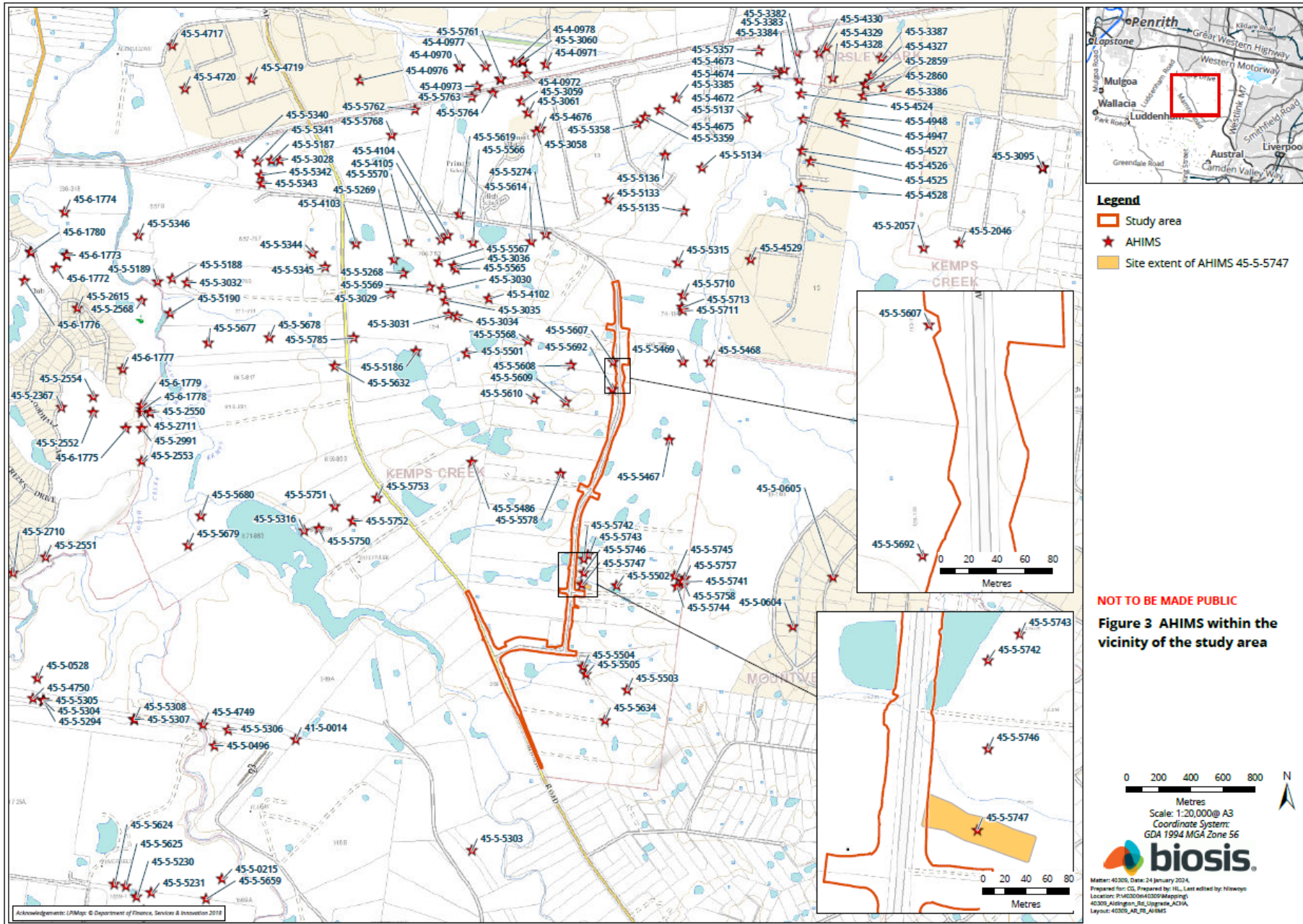


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
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Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
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- A brief summary of the historical uses of the study area will be developed.

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Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

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- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
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Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

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- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

- For each test pit that is excavated, the following documentation will be taken:
 - Unique test pit identification number.
 - GPS coordinate of each test pit.
 - Munsell soil colour and texture.
 - Amount and location of cultural material within the deposit.
 - Nature of disturbance where present.
 - Stratigraphy.
 - Archaeological features (if present).
 - Photographic records.
 - Spit records.
- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (14/17–27 Power Avenue, Alexandria, NSW 2015).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

Biosis 2023. *270 Aldington Road, Kemps Creek: Aboriginal Cultural Heritage Assessment*, report for AT&L on behalf of Stockland.

DECCW 2010a. *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, New South Wales Government Department of Environment and Climate Change., Sydney, NSW.

DECCW 2010b. *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW*, Department of Environment and Climate Change, Sydney NSW.

Hazelton PA 1992. *Soil Landscapes of the Kiama 1:00,000 Sheet*, Department of Conservation and Land Management (incorporating the Soil Conservation Service of NSW), Sydney.

JMCHM 2000. *Archaeological Survey for Aboriginal Sites: Proposed Light Industrial Subdivision, 'Austral Site', Mamre Road, Erskine Park, NSW*, Report prepared for Gunninah Environmental Consultants for Austral Brick Company. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005a. *Archaeological Salvage Excavation of Site CG1 (NPWS #45-5-2648), at the corner of Charles and George Streets, Parramatta, NSW*, Report prepared for Meriton Apartments Pty Ltd. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005b. *Archaeological Salvage Excavation of Site RTA-GI, 109-113 George Street, Parramatta, NSW*, Unpublished Report prepared for Landcom. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2008. *Austral Land Mamre Road, Erskine Park Archaeological Salvage Excavations*, Report prepared for Macquarie Goodman. Jo McDonald Cultural Heritage Management Pty Ltd.

Nanson, GC & Croke JC 1992. 'A genetic classification of floodplains', *Geomorphology*, 4, 6: 459–486.

OEH 2011. 'Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW', Office of Environment and Heritage, Department of Premier and Cabinet, Sydney NSW.



15 February 2024

Basil Smith
Goobah Development PTY LTD (Murrin Clan/Peoples)
66 Grantham Road, Batehaven NSW, 2536

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,

A handwritten signature in black ink that reads "Bronte".

Bronte Baonza

Biosis Pty Ltd
Sydney Resource Group

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097
ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

flakes, two medial flakes, one multidirectional core and one manuport. Disturbances observed within the area relate to low intensity agriculture.

The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation is part of the Wianamatta group, and consists of shale, carbonaceous claystone, laminate, lithic sandstone, and rare coal. Artefact scatters are common in this geological unit, as are PADs. The presence of underlying shale deposits suggests that sites commonly found within sandstone formations, such as grinding grooves and rock shelters/rock art, are less likely to be present. Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
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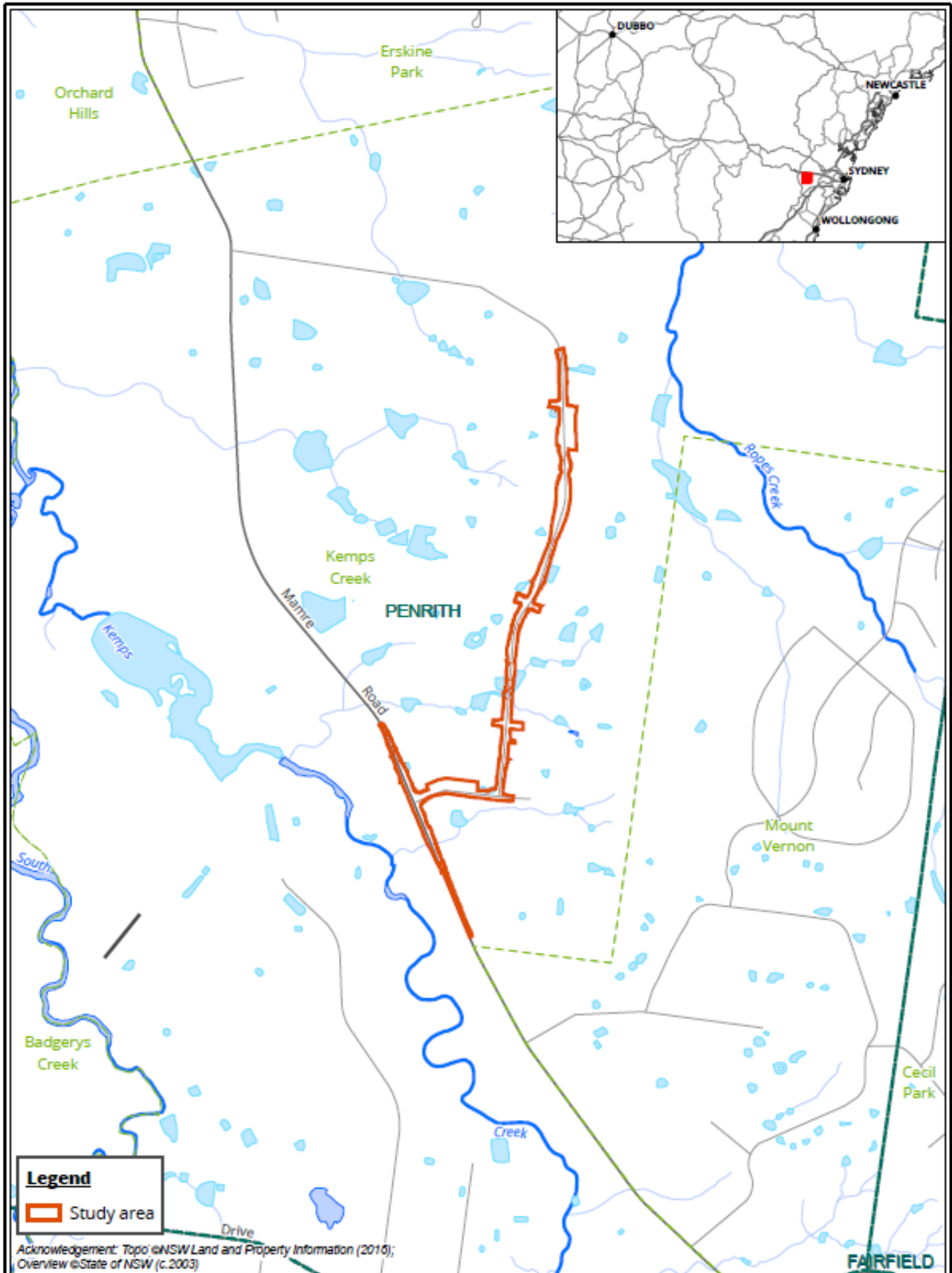
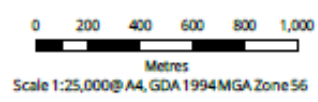
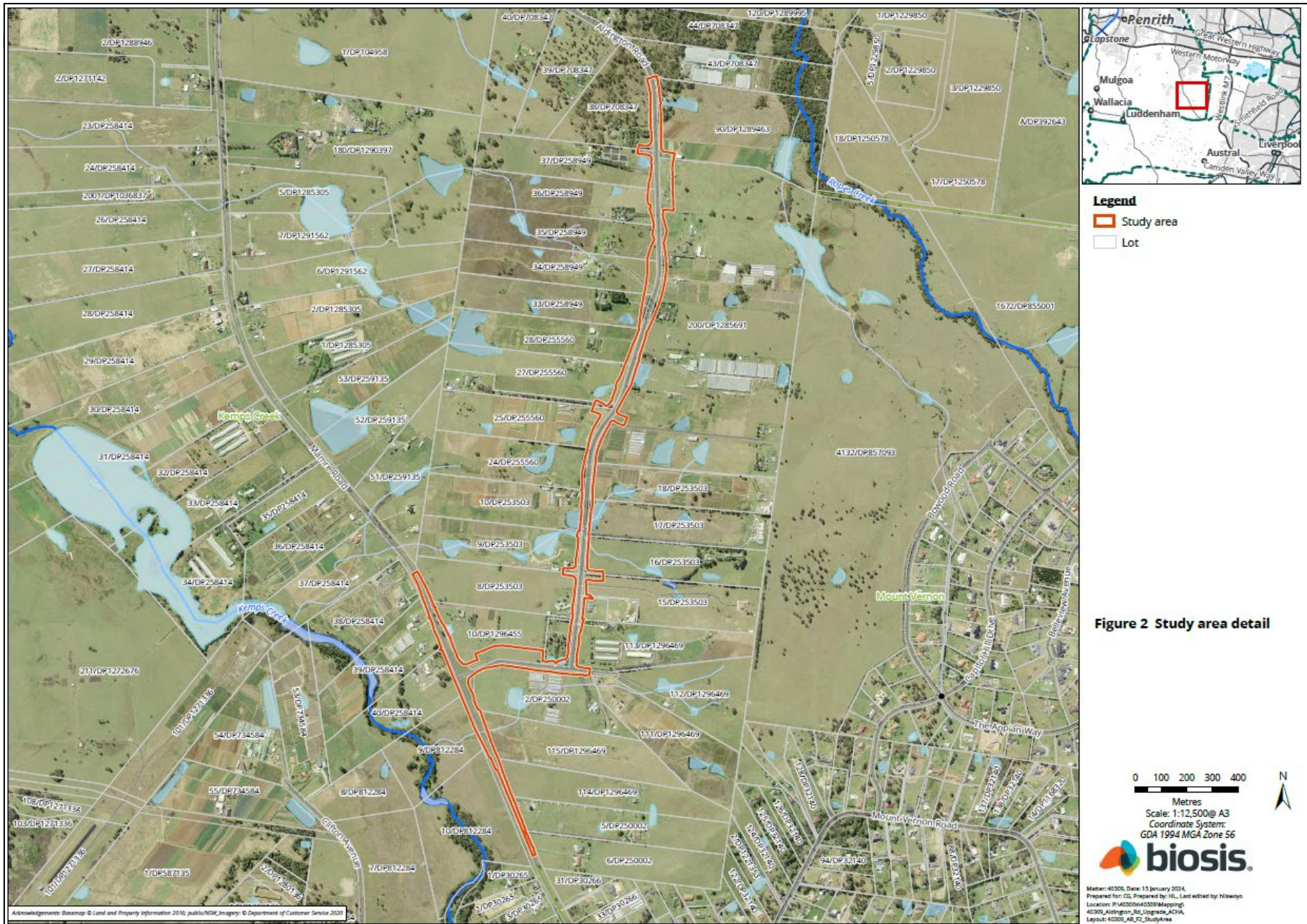
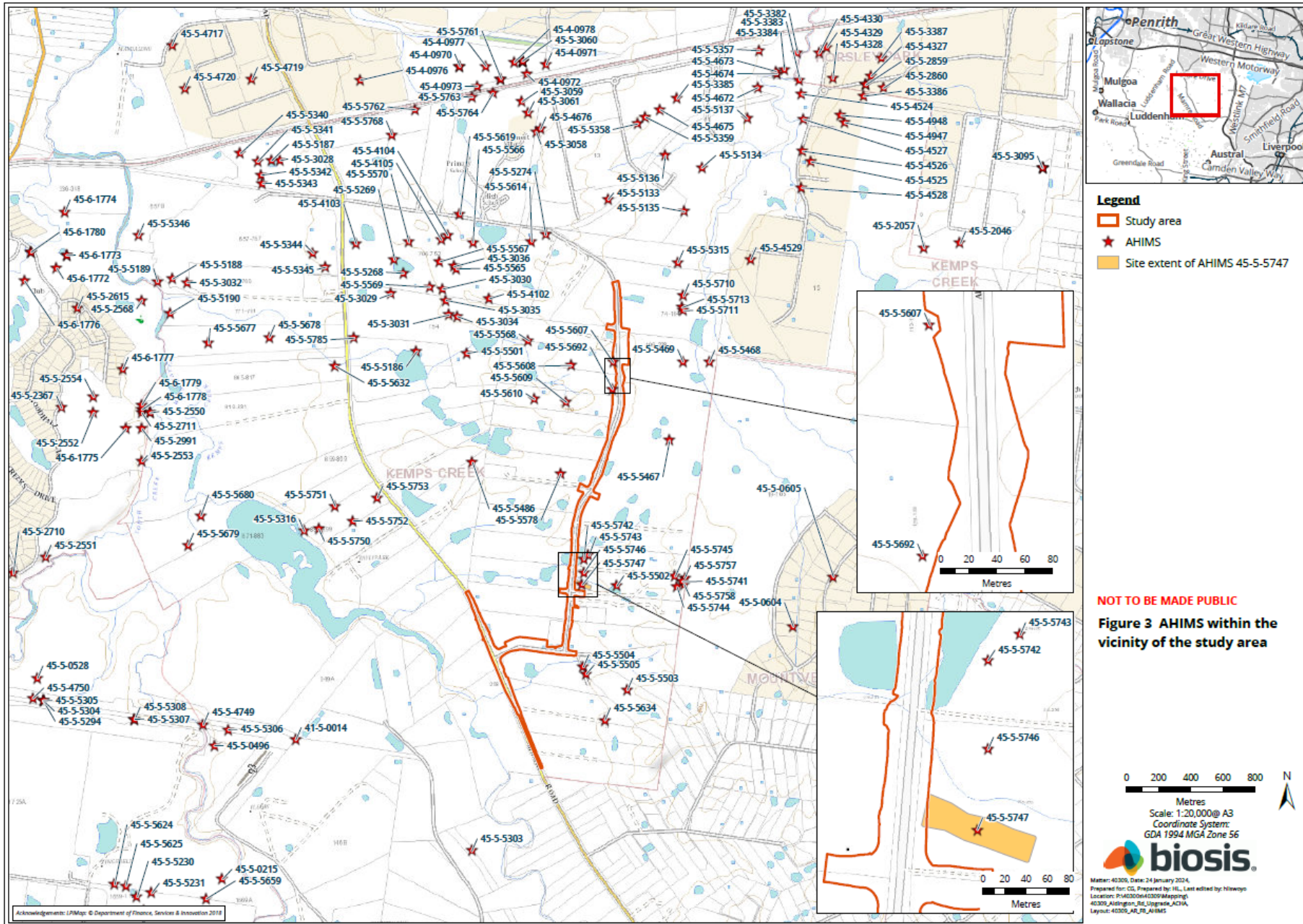


Figure 1 Location of the study area

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- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

- For each test pit that is excavated, the following documentation will be taken:
 - Unique test pit identification number.
 - GPS coordinate of each test pit.
 - Munsell soil colour and texture.
 - Amount and location of cultural material within the deposit.
 - Nature of disturbance where present.
 - Stratigraphy.
 - Archaeological features (if present).
 - Photographic records.
 - Spit records.
- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (14/17–27 Power Avenue, Alexandria, NSW 2015).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

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15 February 2024

Basil Smith
Goobah Development PTY LTD (Murrin Clan/Peoples)
66 Grantham Road, Batehaven NSW, 2536

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,

A handwritten signature in black ink that reads "Bronte".

Bronte Baonza

Biosis Pty Ltd
Sydney Resource Group

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097
ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

flakes, two medial flakes, one multidirectional core and one manuport. Disturbances observed within the area relate to low intensity agriculture.

The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation is part of the Wianamatta group, and consists of shale, carbonaceous claystone, laminate, lithic sandstone, and rare coal. Artefact scatters are common in this geological unit, as are PADs. The presence of underlying shale deposits suggests that sites commonly found within sandstone formations, such as grinding grooves and rock shelters/rock art, are less likely to be present. Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

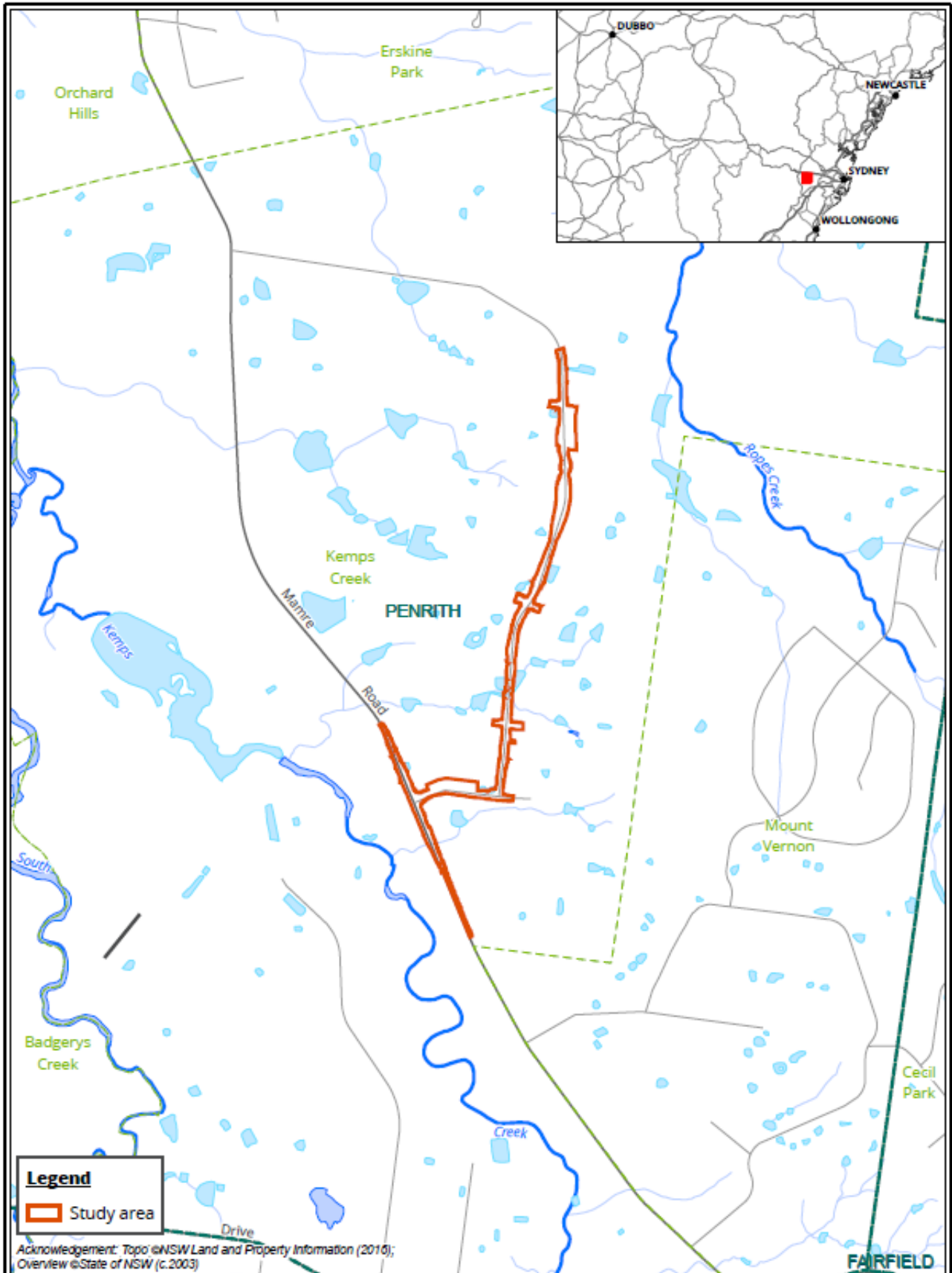
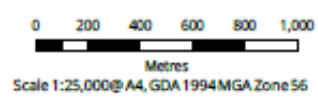
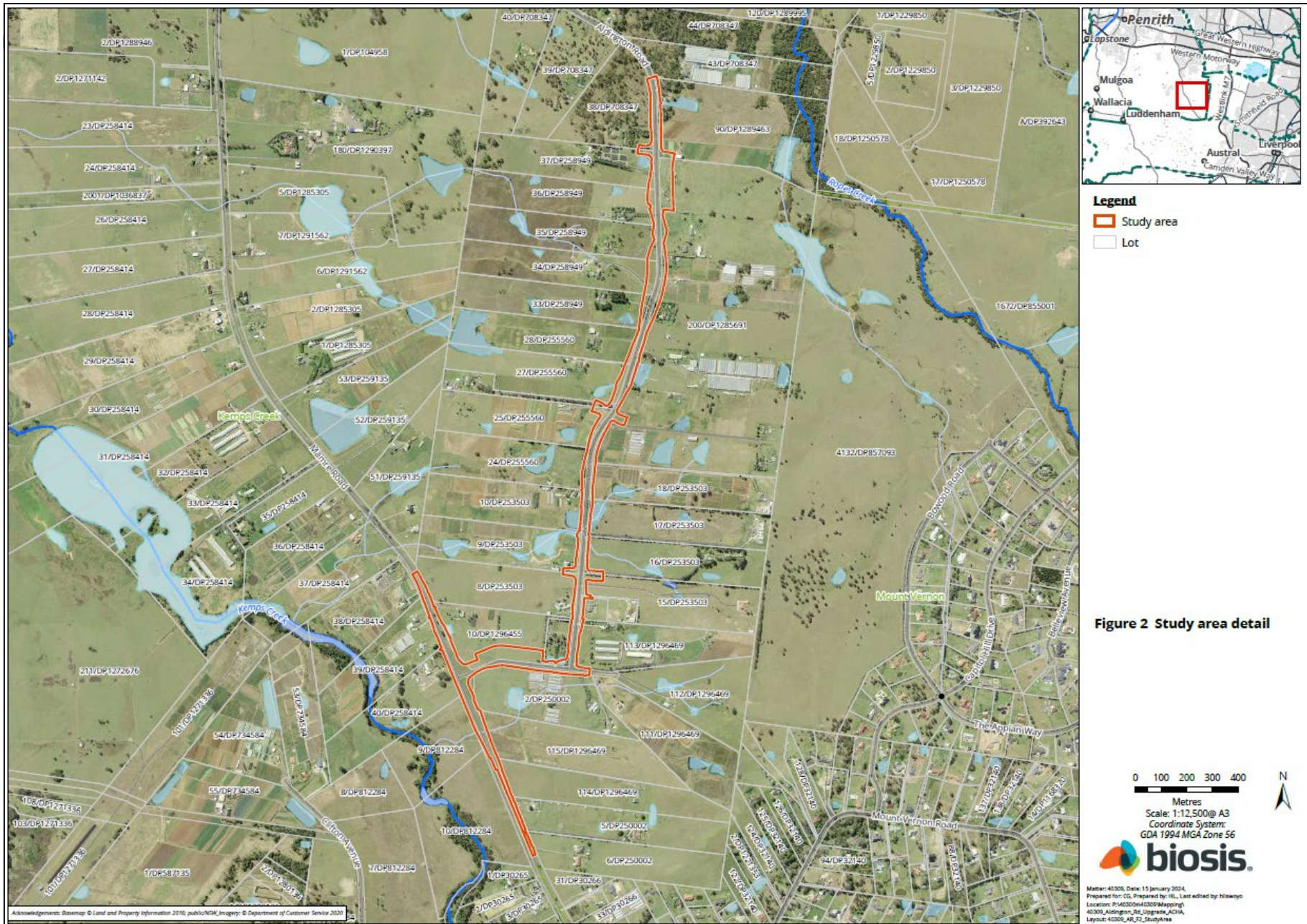
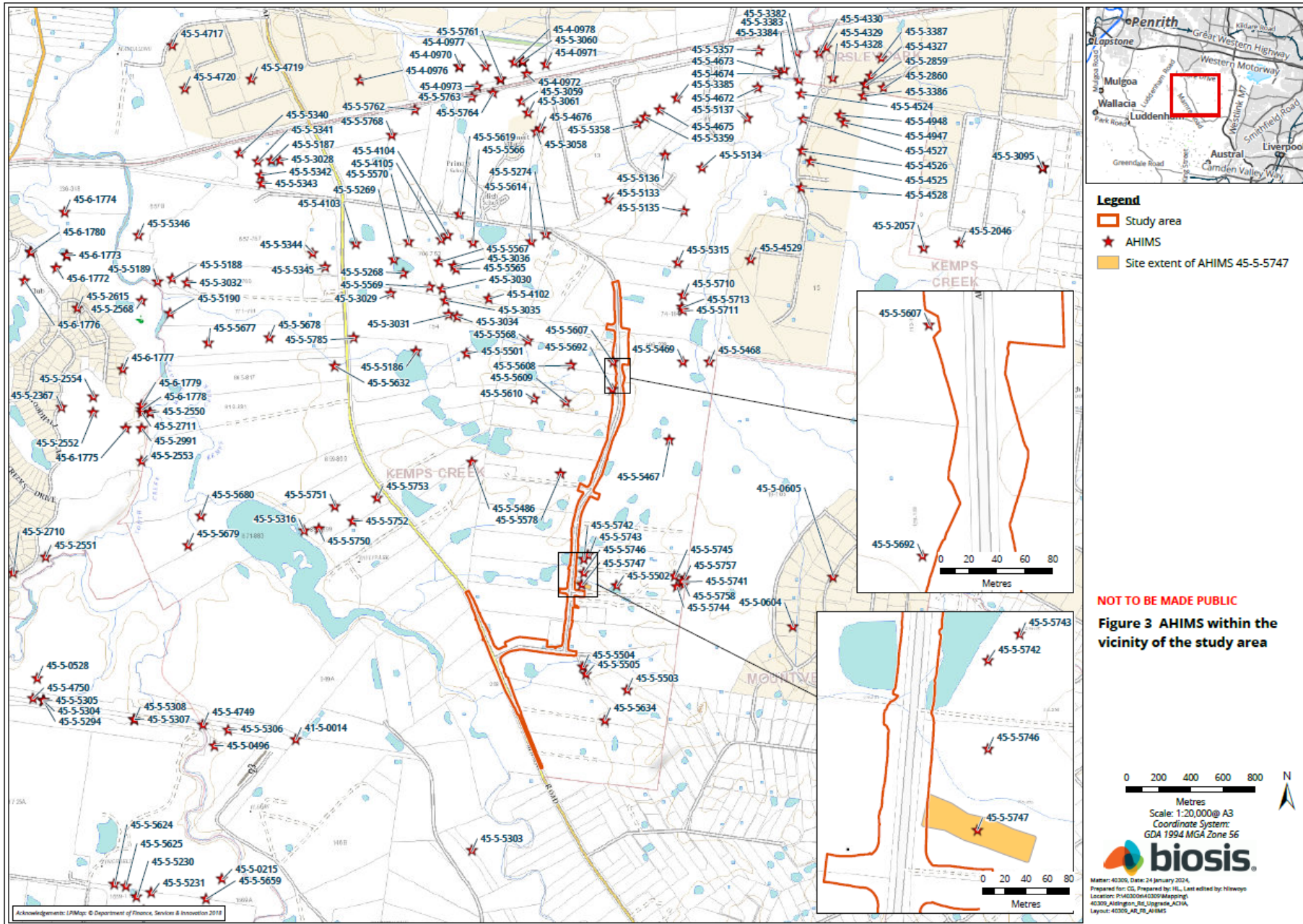


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
 Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade\ACHA
 Layout: 40309_AR_FT_Locality







Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

Culturally sensitive material

Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public, then RAPs should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
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The ACHA report will contain:

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15 February 2024

Wendy Morgan
Guntawang Aboriginal Resources Incorporated
113 Reservoir Road Mt Pritchard NSW 2170

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Our Ref: Matter: 40309

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Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,

A handwritten signature in black ink that reads "Bronte".

Bronte Baonza

Biosis Pty Ltd
Sydney Resource Group

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097
ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

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Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

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The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

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A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

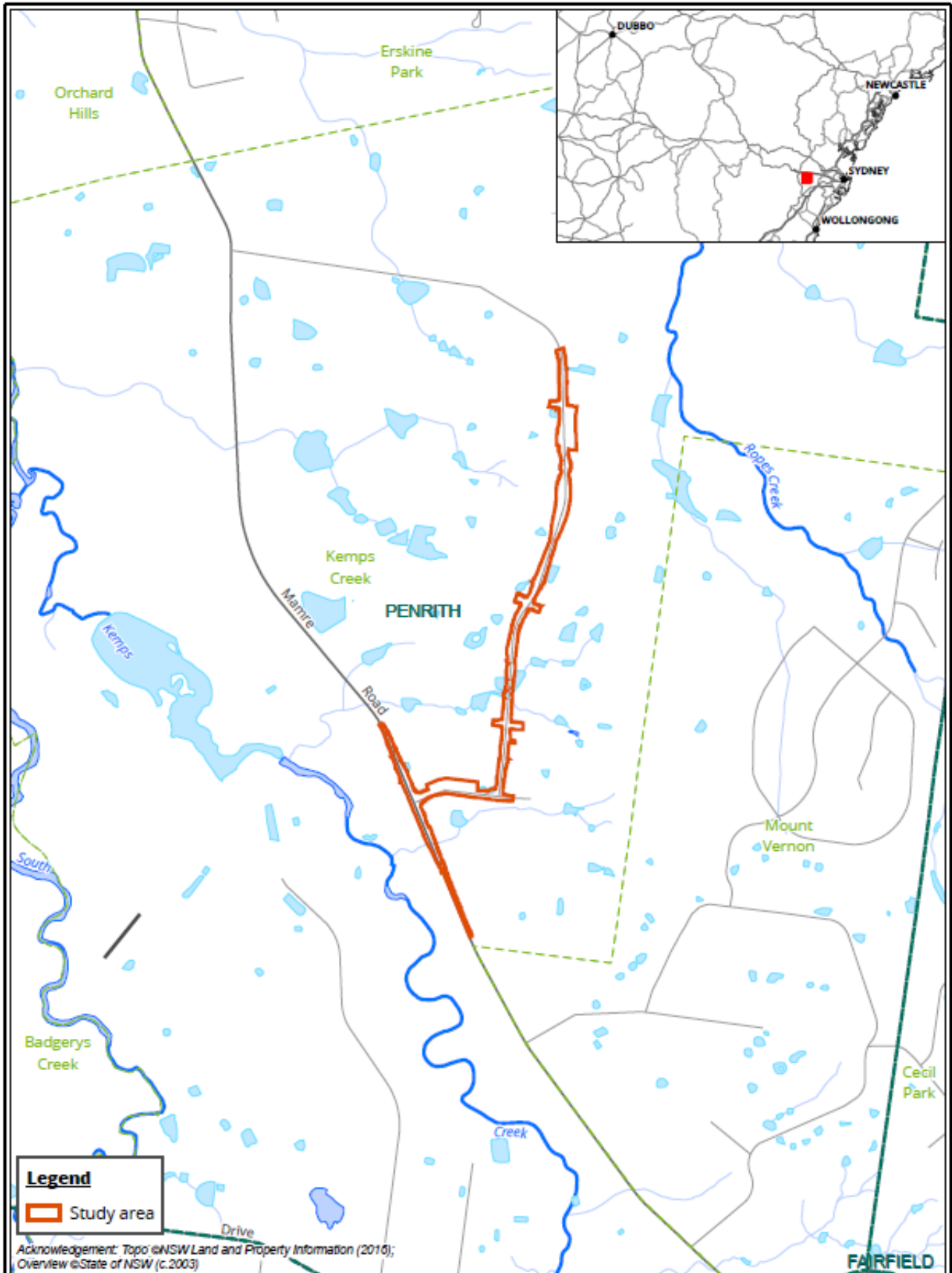
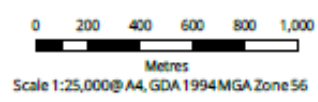
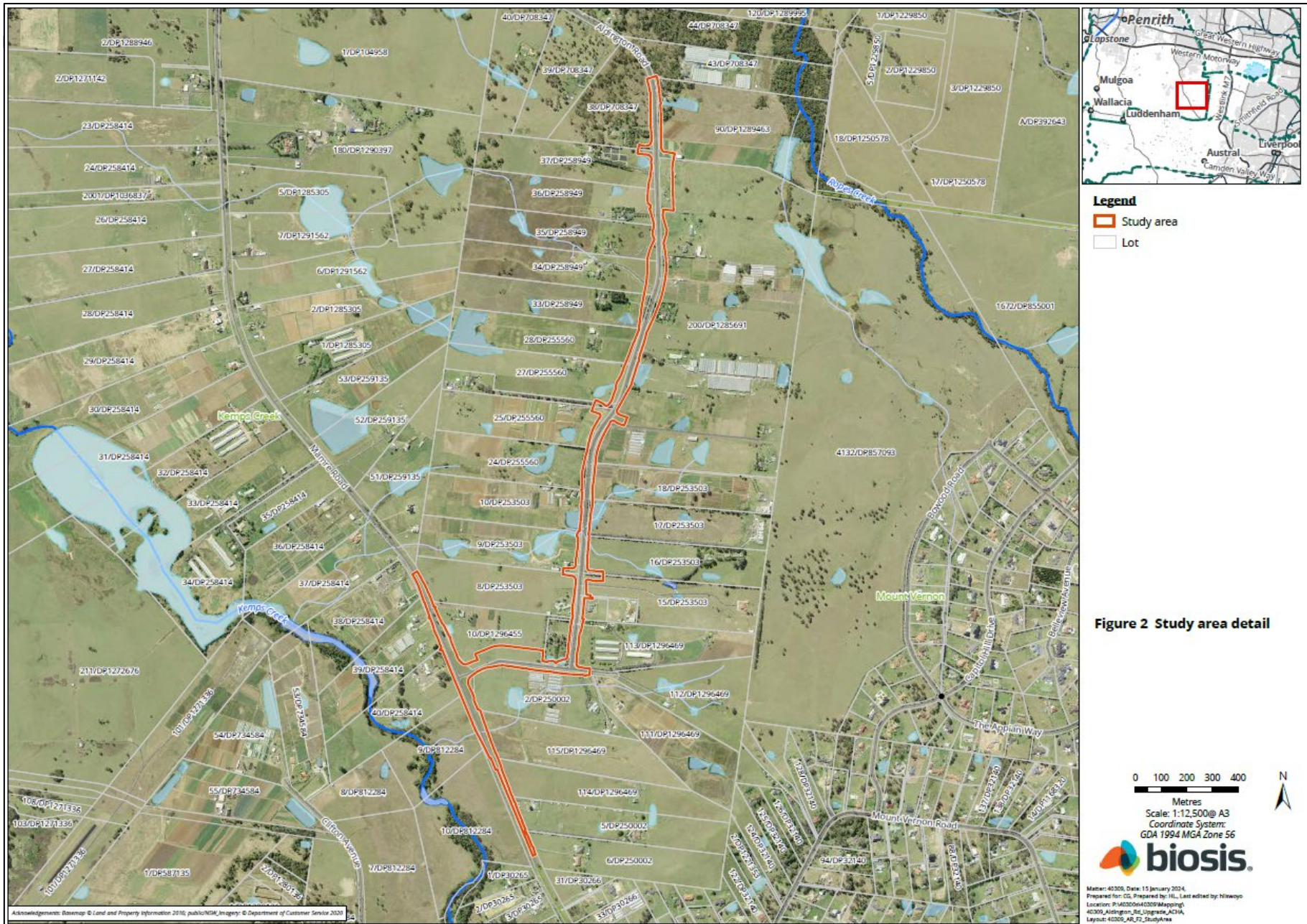
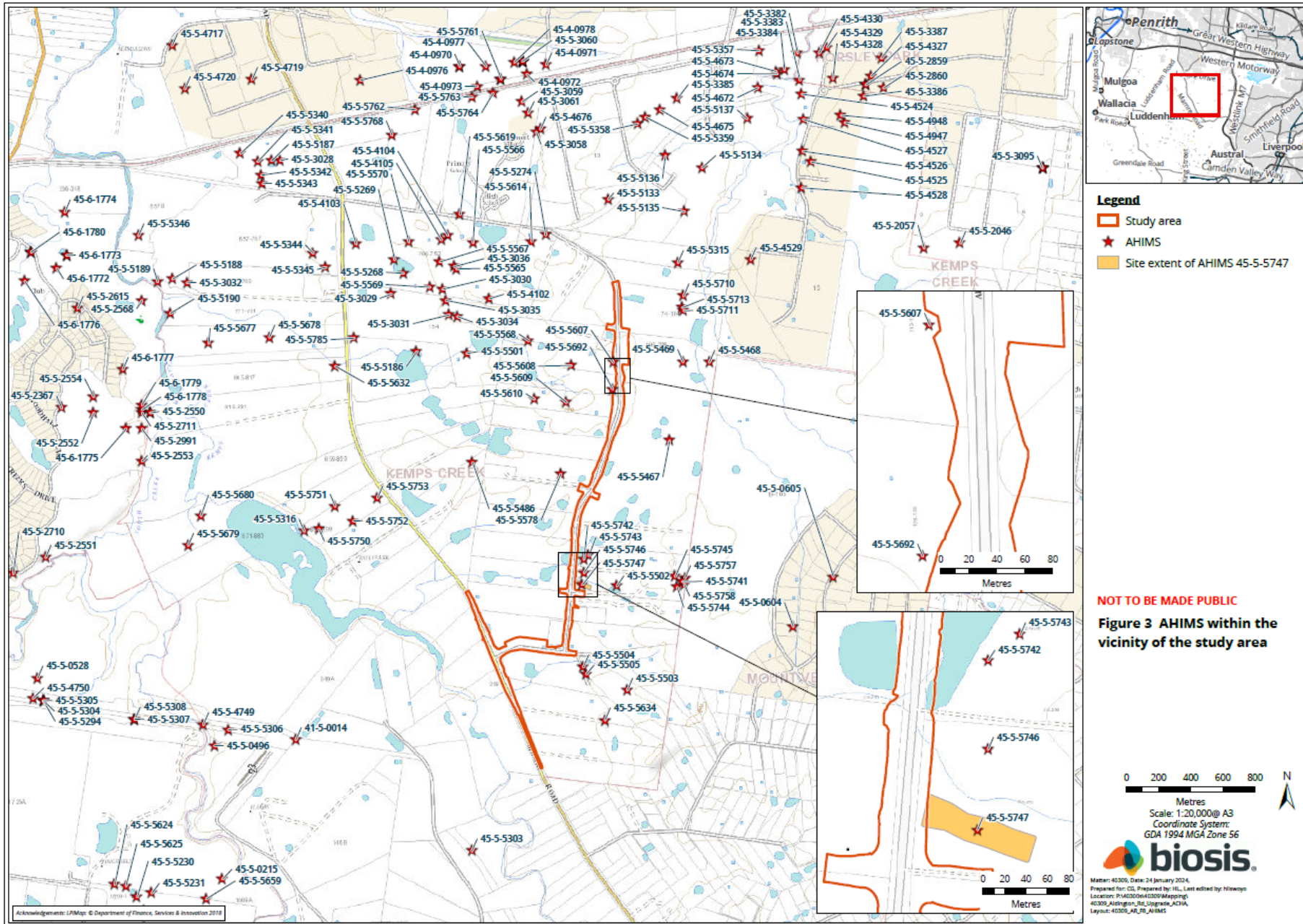


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
 Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade\ACHA
 Layout: 40309_AR_FT_Locality







Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
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- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

Culturally sensitive material

Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public, then RAPs should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

- For each test pit that is excavated, the following documentation will be taken:
 - Unique test pit identification number.
 - GPS coordinate of each test pit.
 - Munsell soil colour and texture.
 - Amount and location of cultural material within the deposit.
 - Nature of disturbance where present.
 - Stratigraphy.
 - Archaeological features (if present).
 - Photographic records.
 - Spit records.
- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (14/17–27 Power Avenue, Alexandria, NSW 2015).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

Biosis 2023. *270 Aldington Road, Kemps Creek: Aboriginal Cultural Heritage Assessment*, report for AT&L on behalf of Stockland.

DECCW 2010a. *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, New South Wales Government Department of Environment and Climate Change., Sydney, NSW.

DECCW 2010b. *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW*, Department of Environment and Climate Change, Sydney NSW.

Hazelton PA 1992. *Soil Landscapes of the Kiama 1:00,000 Sheet*, Department of Conservation and Land Management (incorporating the Soil Conservation Service of NSW), Sydney.

JMCHM 2000. *Archaeological Survey for Aboriginal Sites: Proposed Light Industrial Subdivision, 'Austral Site', Mamre Road, Erskine Park, NSW*, Report prepared for Gunninah Environmental Consultants for Austral Brick Company. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005a. *Archaeological Salvage Excavation of Site CG1 (NPWS #45-5-2648), at the corner of Charles and George Streets, Parramatta, NSW*, Report prepared for Meriton Apartments Pty Ltd. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005b. *Archaeological Salvage Excavation of Site RTA-G1, 109-113 George Street, Parramatta, NSW*, Unpublished Report prepared for Landcom. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2008. *Austral Land Mamre Road, Erskine Park Archaeological Salvage Excavations*, Report prepared for Macquarie Goodman. Jo McDonald Cultural Heritage Management Pty Ltd.

Nanson, GC & Croke JC 1992. 'A genetic classification of floodplains', *Geomorphology*, 4, 6: 459–486.

OEH 2011. 'Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW', Office of Environment and Heritage, Department of Premier and Cabinet, Sydney NSW.

15 February 2024

Phil Khan
Kamilaroi Yankuntjatjara Working Group
78 Forbes Street, Emu Plains, NSW 2750

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian

Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,



Bronte Baonza

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

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A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

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Responsibilities and roles

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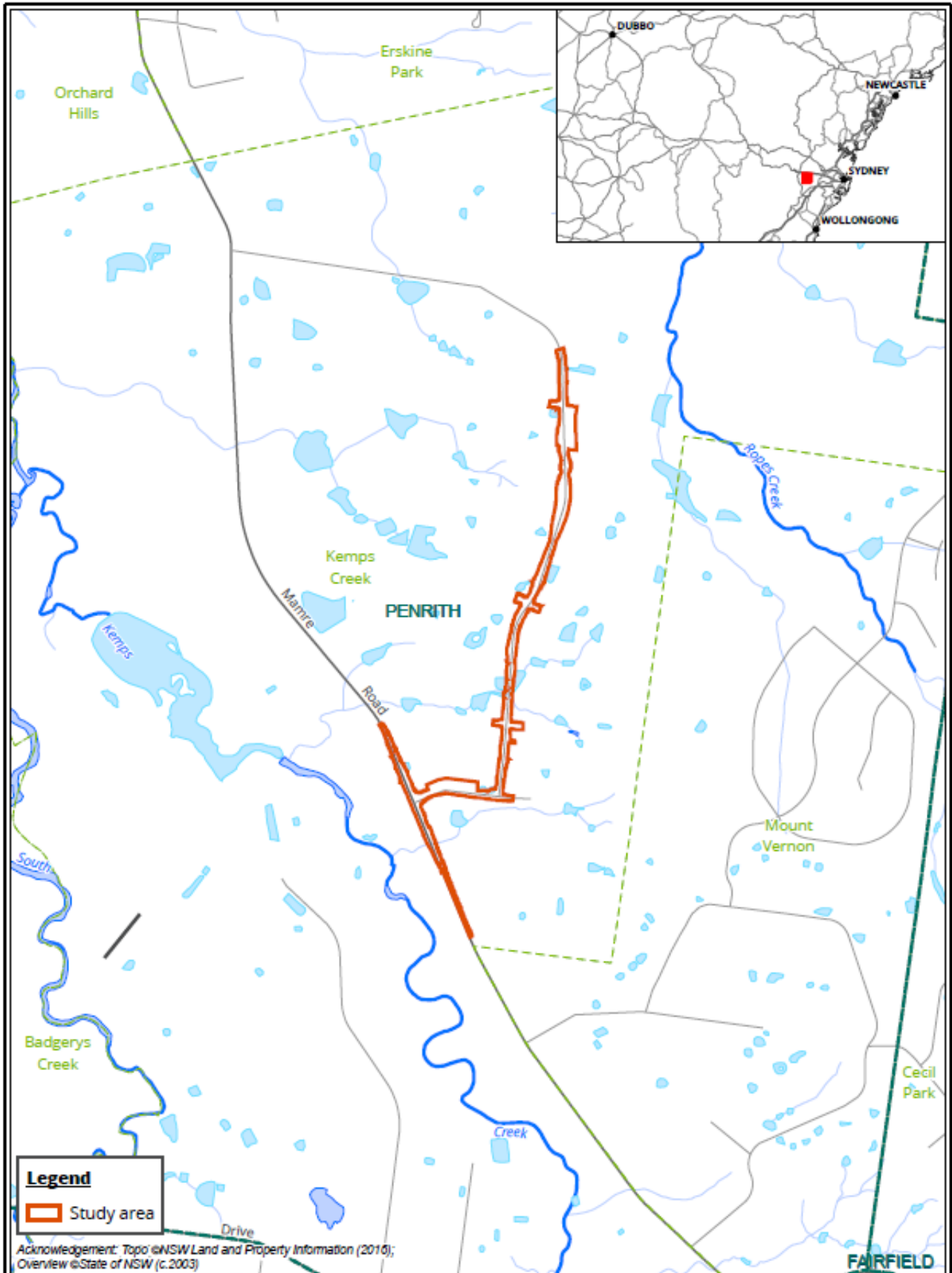
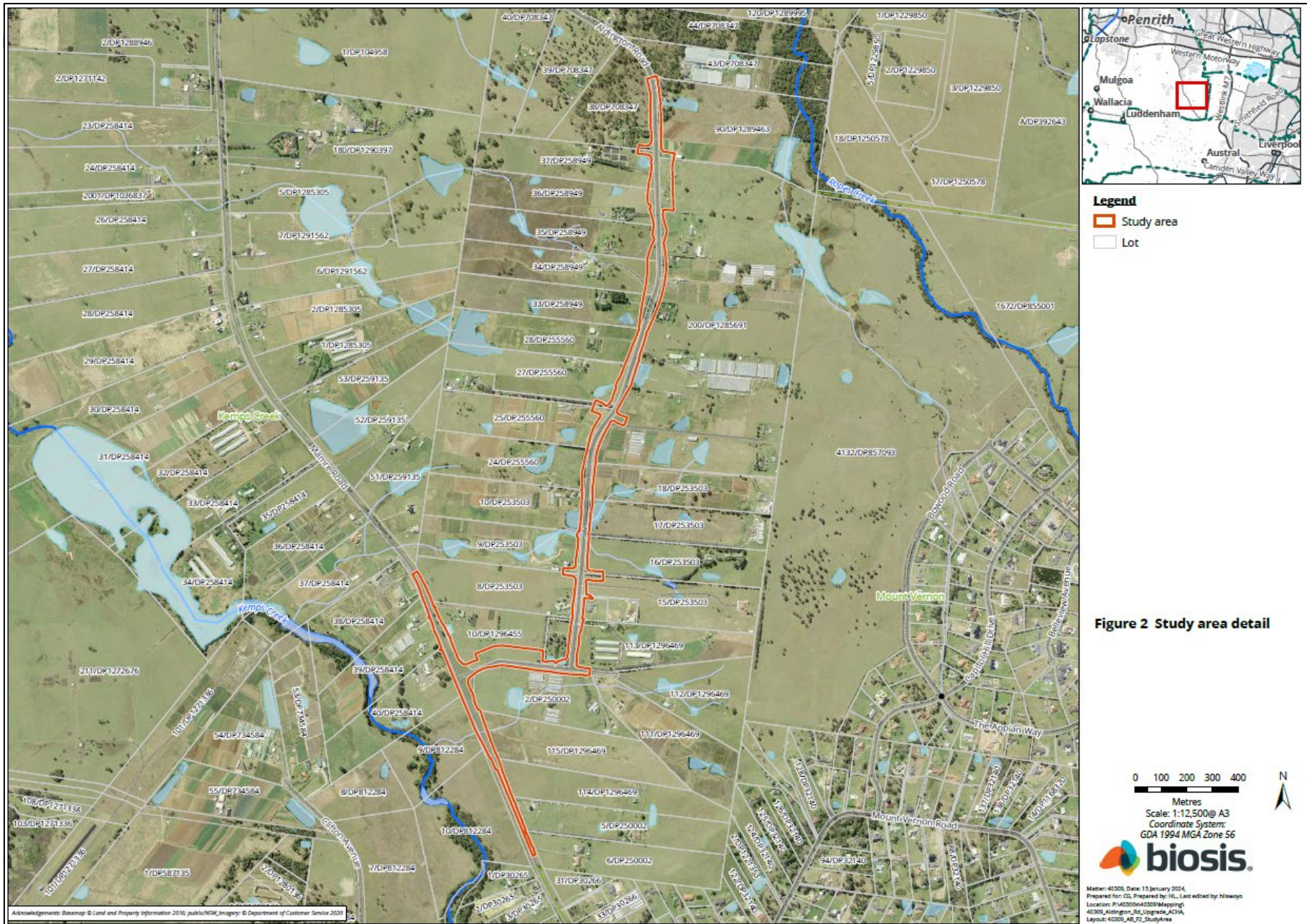


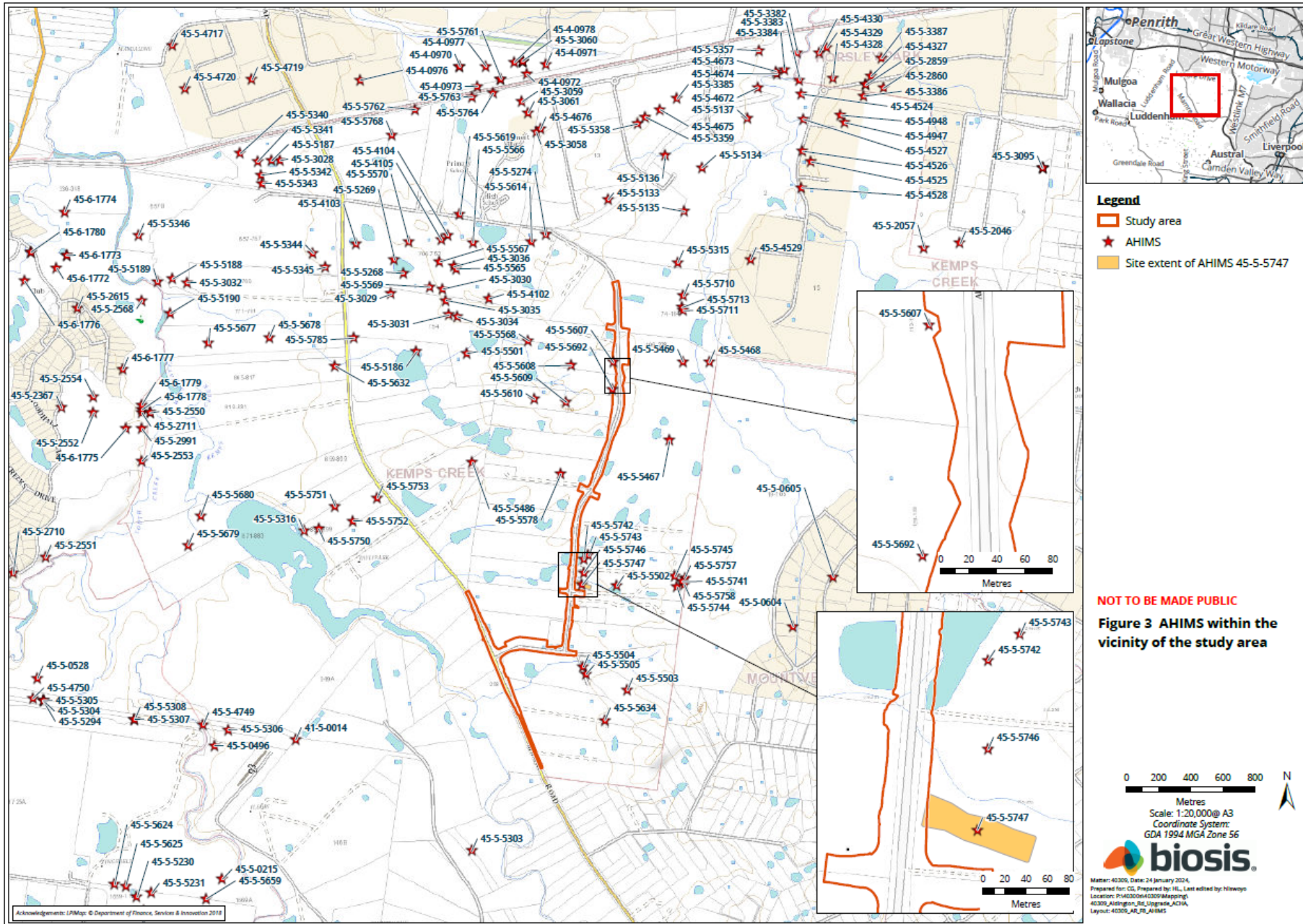
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0 200 400 600 800 1,000
 Metres
 Scale 1:25,000@ A4, GDA 1994 MGA Zone 56







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An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
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 - Unique test pit identification number.
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- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
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- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

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Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

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15 February 2024

Robert Young
Konanggo Aboriginal Cultural Heritage Services
2/42 Crawford Road, Brighton Le Sands 2216 NSW

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian

Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,



Bronte Baonza

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

flakes, two medial flakes, one multidirectional core and one manuport. Disturbances observed within the area relate to low intensity agriculture.

The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation is part of the Wianamatta group, and consists of shale, carbonaceous claystone, laminate, lithic sandstone, and rare coal. Artefact scatters are common in this geological unit, as are PADs. The presence of underlying shale deposits suggests that sites commonly found within sandstone formations, such as grinding grooves and rock shelters/rock art, are less likely to be present. Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

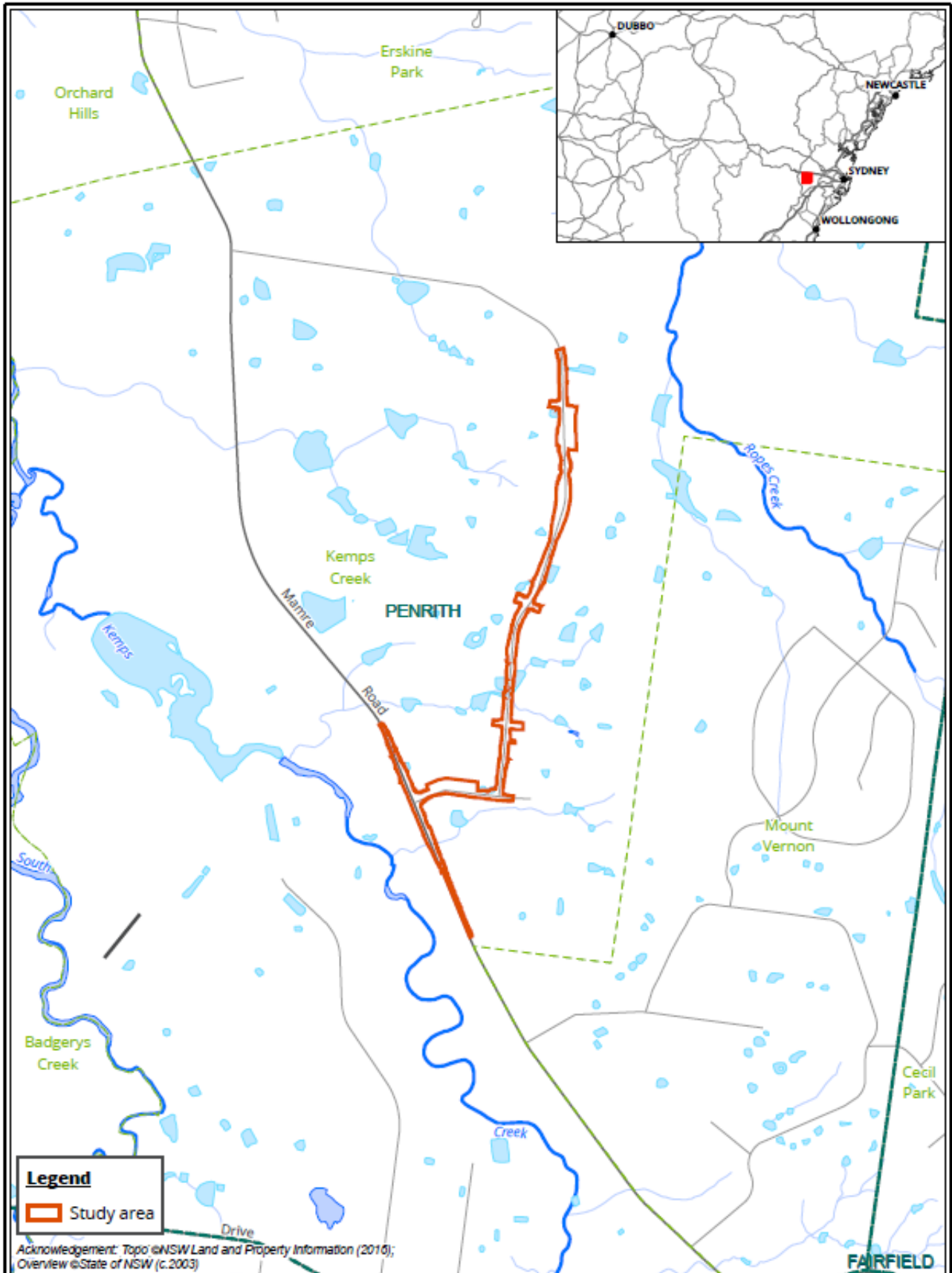
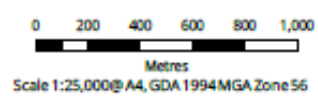
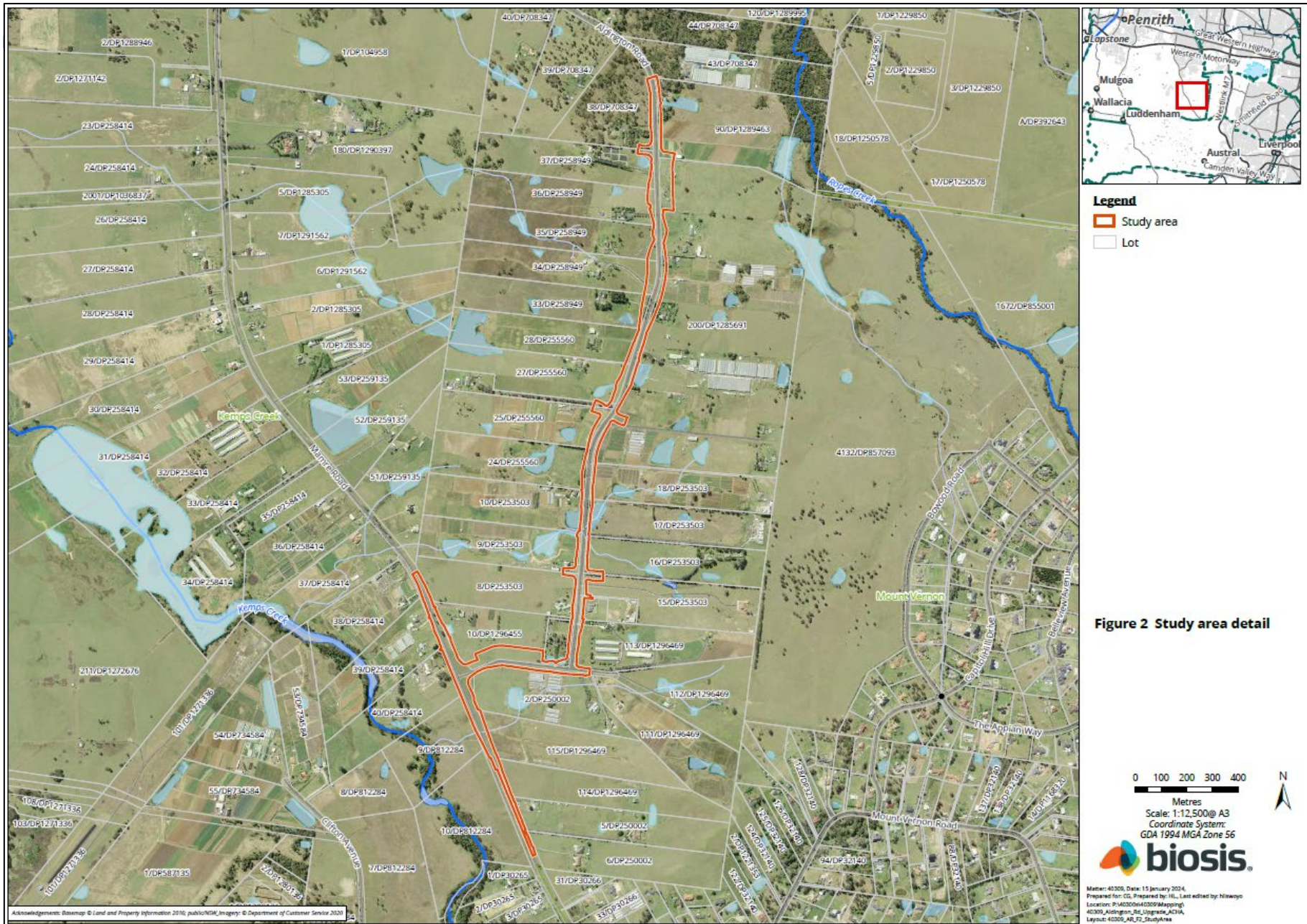
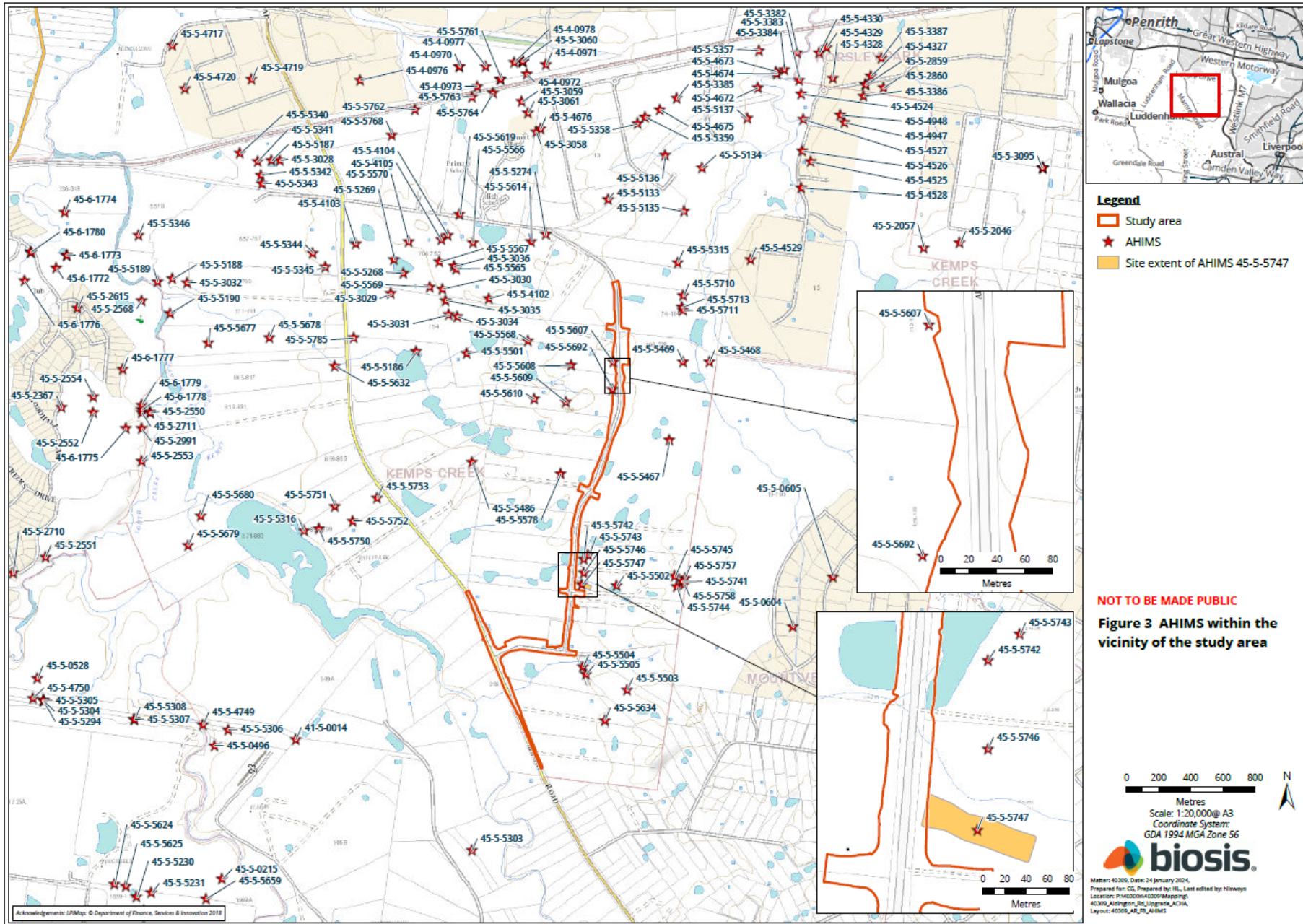


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
 Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade\ACHA
 Layout: 40309_AR_FT_Locality







Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

Culturally sensitive material

Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public, then RAPs should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

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15 February 2024

Ethan Trewlynn
Long Gully Cultural Services
57 Brooker Street, Colyton NSW 2760

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Our Ref: Matter: 40309

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Please address feedback to:

Crystal Garabedian

Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,



Bronte Baonza

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

flakes, two medial flakes, one multidirectional core and one manuport. Disturbances observed within the area relate to low intensity agriculture.

The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

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A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

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- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

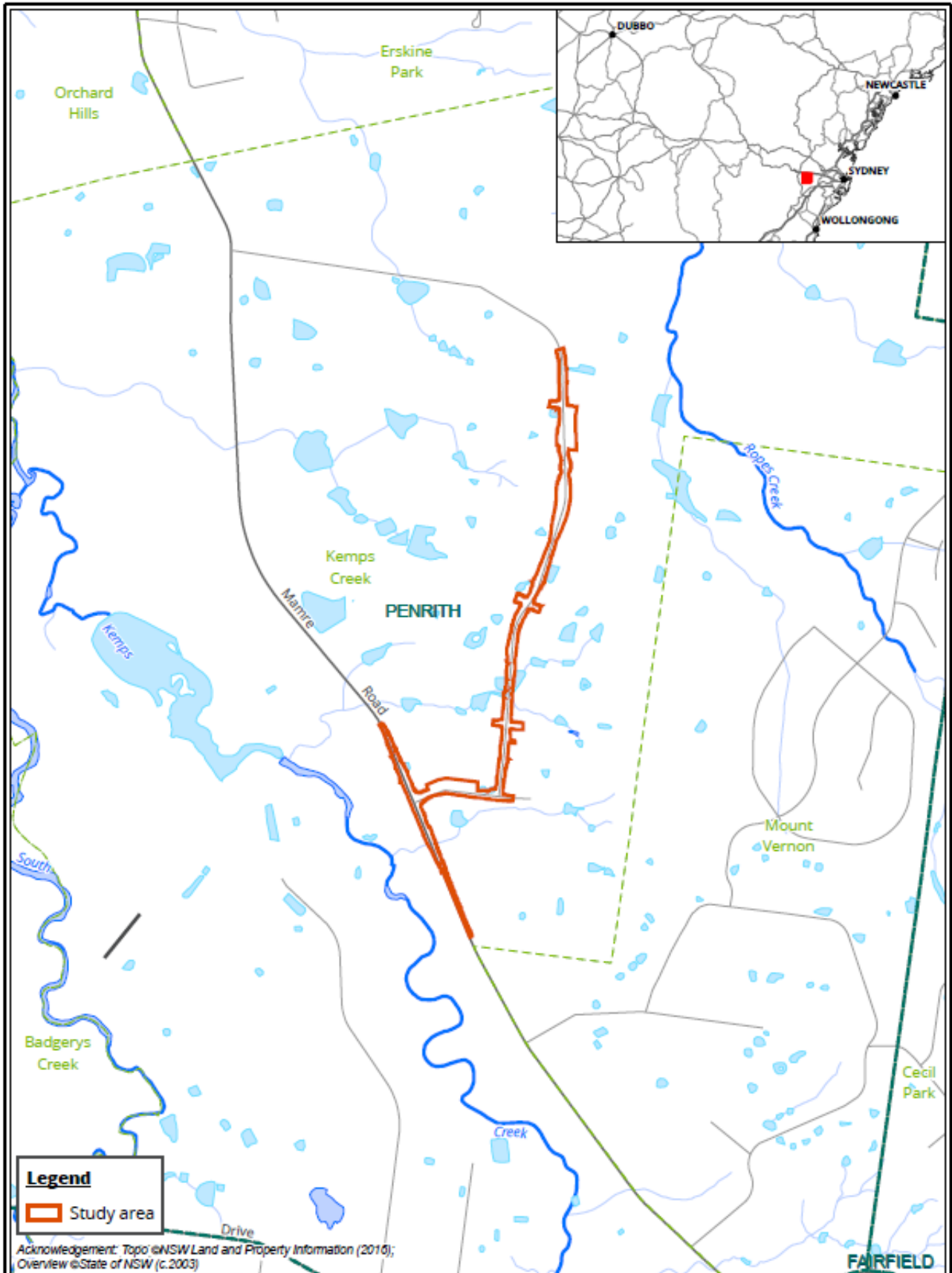
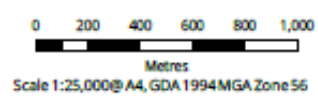
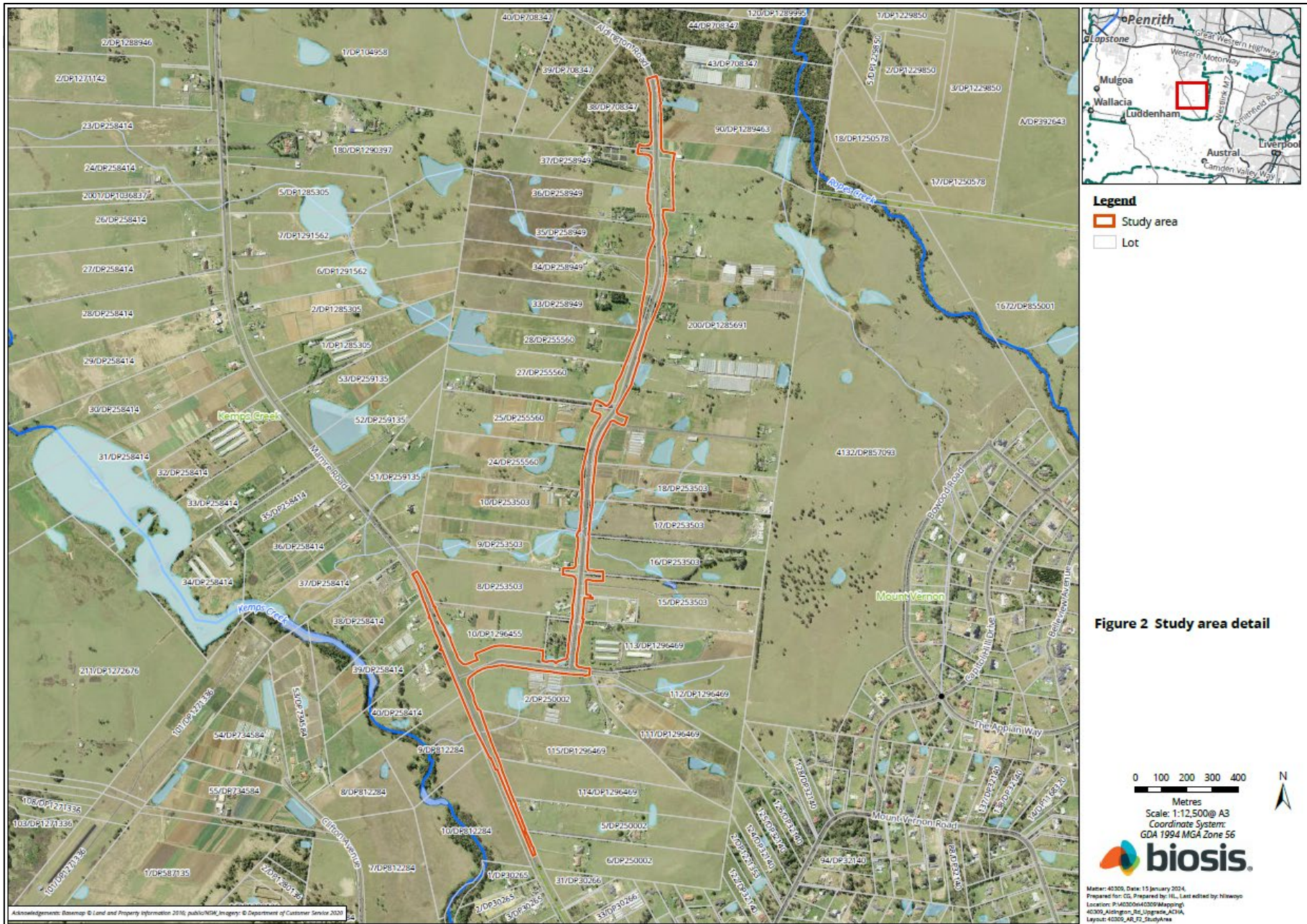
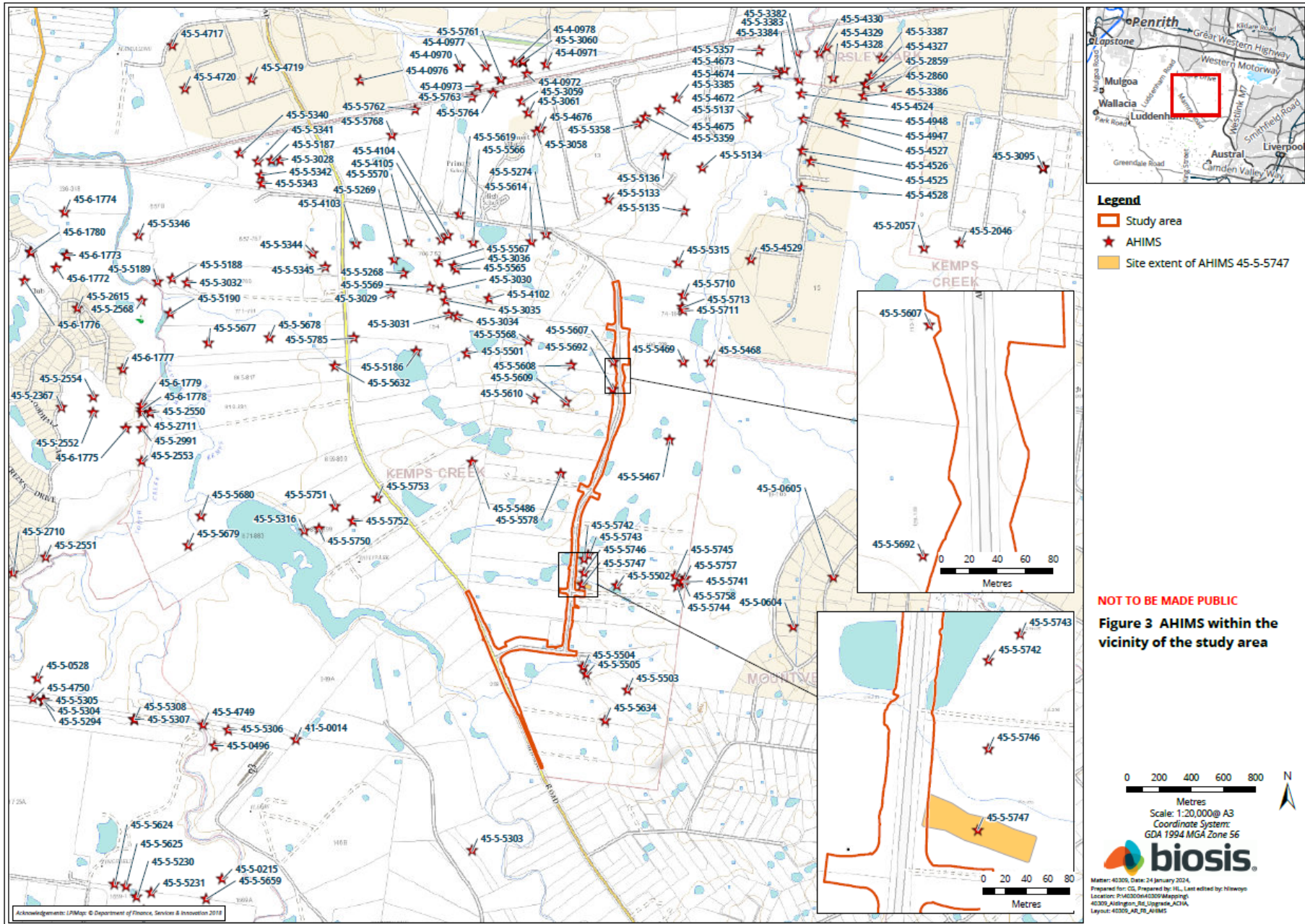


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
 Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade\ACHA
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Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

Culturally sensitive material

Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public, then RAPs should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

- For each test pit that is excavated, the following documentation will be taken:
 - Unique test pit identification number.
 - GPS coordinate of each test pit.
 - Munsell soil colour and texture.
 - Amount and location of cultural material within the deposit.
 - Nature of disturbance where present.
 - Stratigraphy.
 - Archaeological features (if present).
 - Photographic records.
 - Spit records.
- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (14/17–27 Power Avenue, Alexandria, NSW 2015).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

Biosis 2023. *270 Aldington Road, Kemps Creek: Aboriginal Cultural Heritage Assessment*, report for AT&L on behalf of Stockland.

DECCW 2010a. *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, New South Wales Government Department of Environment and Climate Change., Sydney, NSW.

DECCW 2010b. *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW*, Department of Environment and Climate Change, Sydney NSW.

Hazelton PA 1992. *Soil Landscapes of the Kiama 1:00,000 Sheet*, Department of Conservation and Land Management (incorporating the Soil Conservation Service of NSW), Sydney.

JMCHM 2000. *Archaeological Survey for Aboriginal Sites: Proposed Light Industrial Subdivision, 'Austral Site', Mamre Road, Erskine Park, NSW*, Report prepared for Gunninah Environmental Consultants for Austral Brick Company. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005a. *Archaeological Salvage Excavation of Site CG1 (NPWS #45-5-2648), at the corner of Charles and George Streets, Parramatta, NSW*, Report prepared for Meriton Apartments Pty Ltd. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005b. *Archaeological Salvage Excavation of Site RTA-GI, 109-113 George Street, Parramatta, NSW*, Unpublished Report prepared for Landcom. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2008. *Austral Land Mamre Road, Erskine Park Archaeological Salvage Excavations*, Report prepared for Macquarie Goodman. Jo McDonald Cultural Heritage Management Pty Ltd.

Nanson, GC & Croke JC 1992. 'A genetic classification of floodplains', *Geomorphology*, 4, 6: 459–486.

OEH 2011. 'Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW', Office of Environment and Heritage, Department of Premier and Cabinet, Sydney NSW.

15 February 2024

Jesse Johnson
Muragadi Heritage Indigenous Corporation
5 Hession Road, Nelson, NSW 2765

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian

Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,



Bronte Baonza

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

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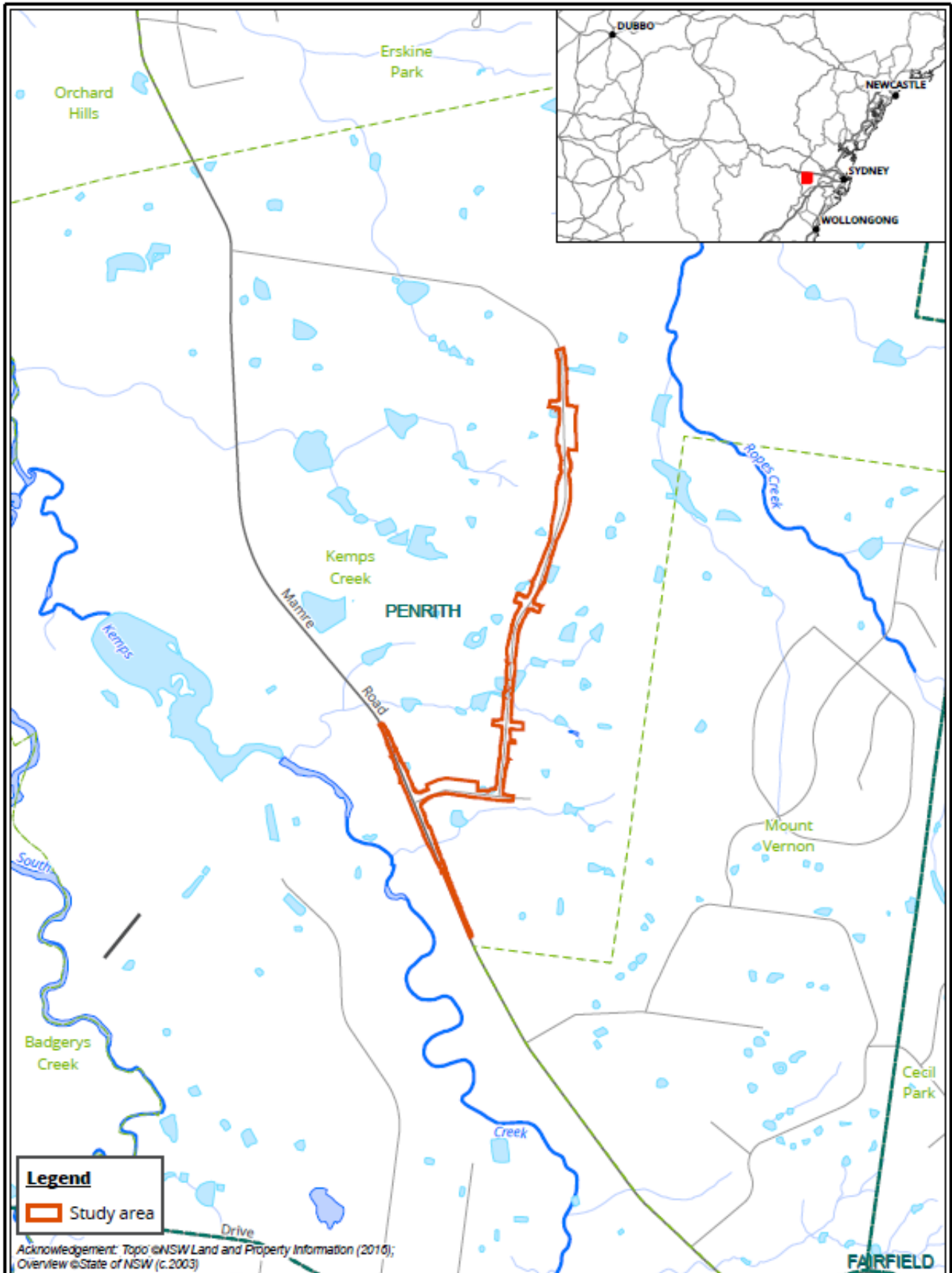
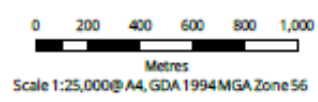
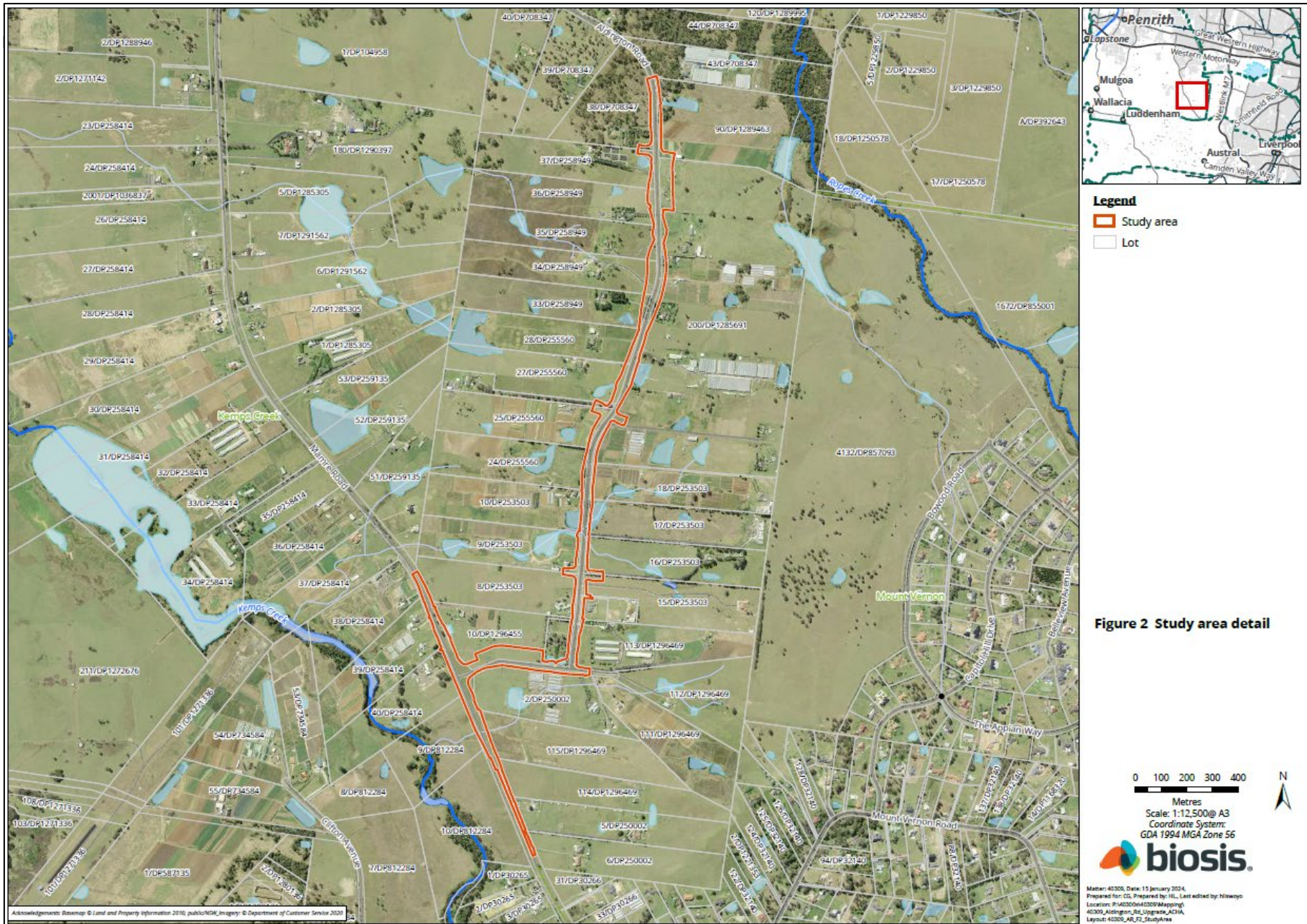
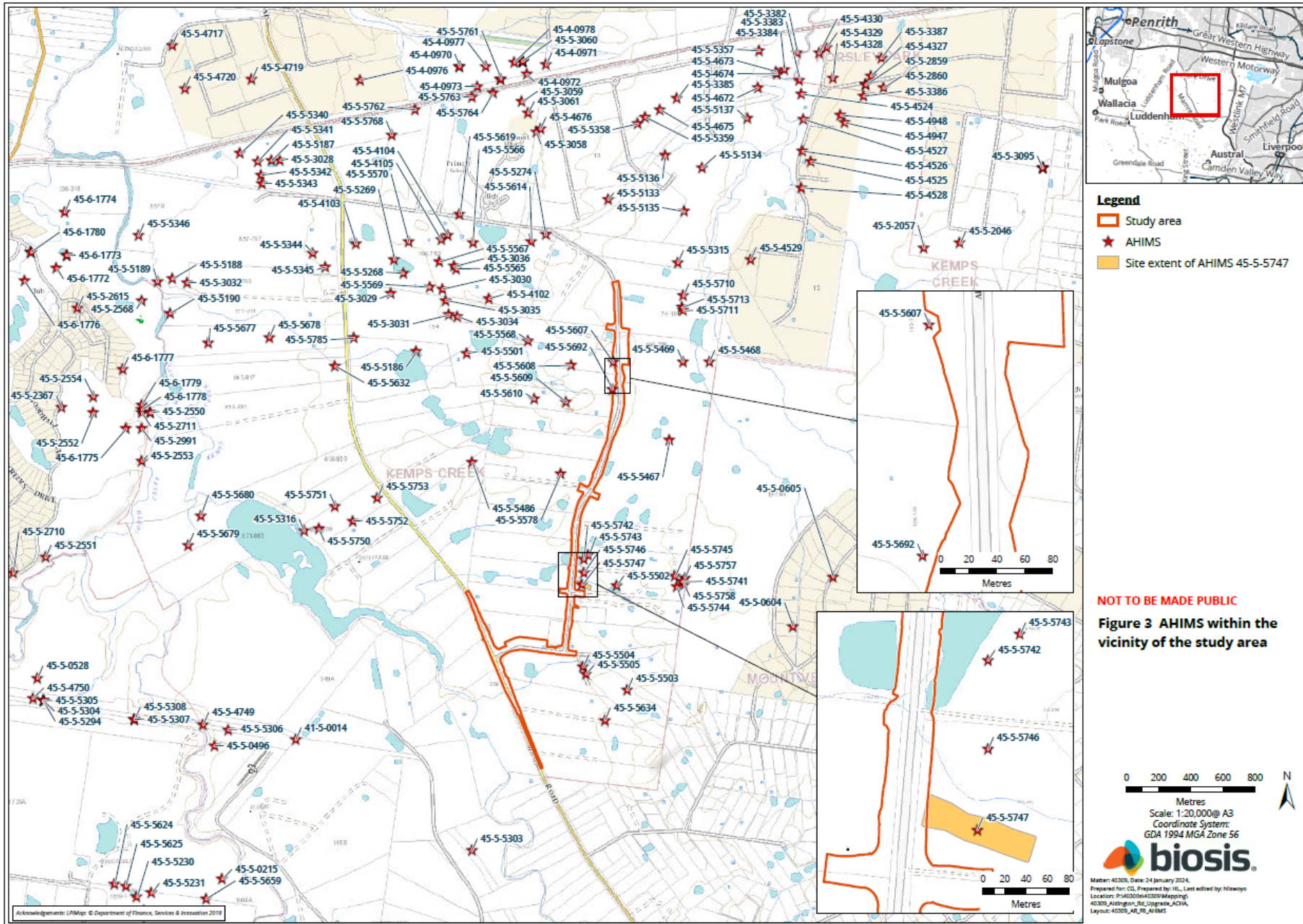


Figure 1 Location of the study area

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- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

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Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

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The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

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- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
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- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
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- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
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The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

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References

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OEH 2011. 'Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW', Office of Environment and Heritage, Department of Premier and Cabinet, Sydney NSW.



15 February 2024

Kevin Campbell and Marnya Donovan
Ninnum
19 Corkwood St Albion Park Rail 2527

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,

A handwritten signature in black ink that reads "Bronte".

Bronte Baonza

Biosis Pty Ltd
Sydney Resource Group

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097
ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

flakes, two medial flakes, one multidirectional core and one manuport. Disturbances observed within the area relate to low intensity agriculture.

The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation is part of the Wianamatta group, and consists of shale, carbonaceous claystone, laminate, lithic sandstone, and rare coal. Artefact scatters are common in this geological unit, as are PADs. The presence of underlying shale deposits suggests that sites commonly found within sandstone formations, such as grinding grooves and rock shelters/rock art, are less likely to be present. Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

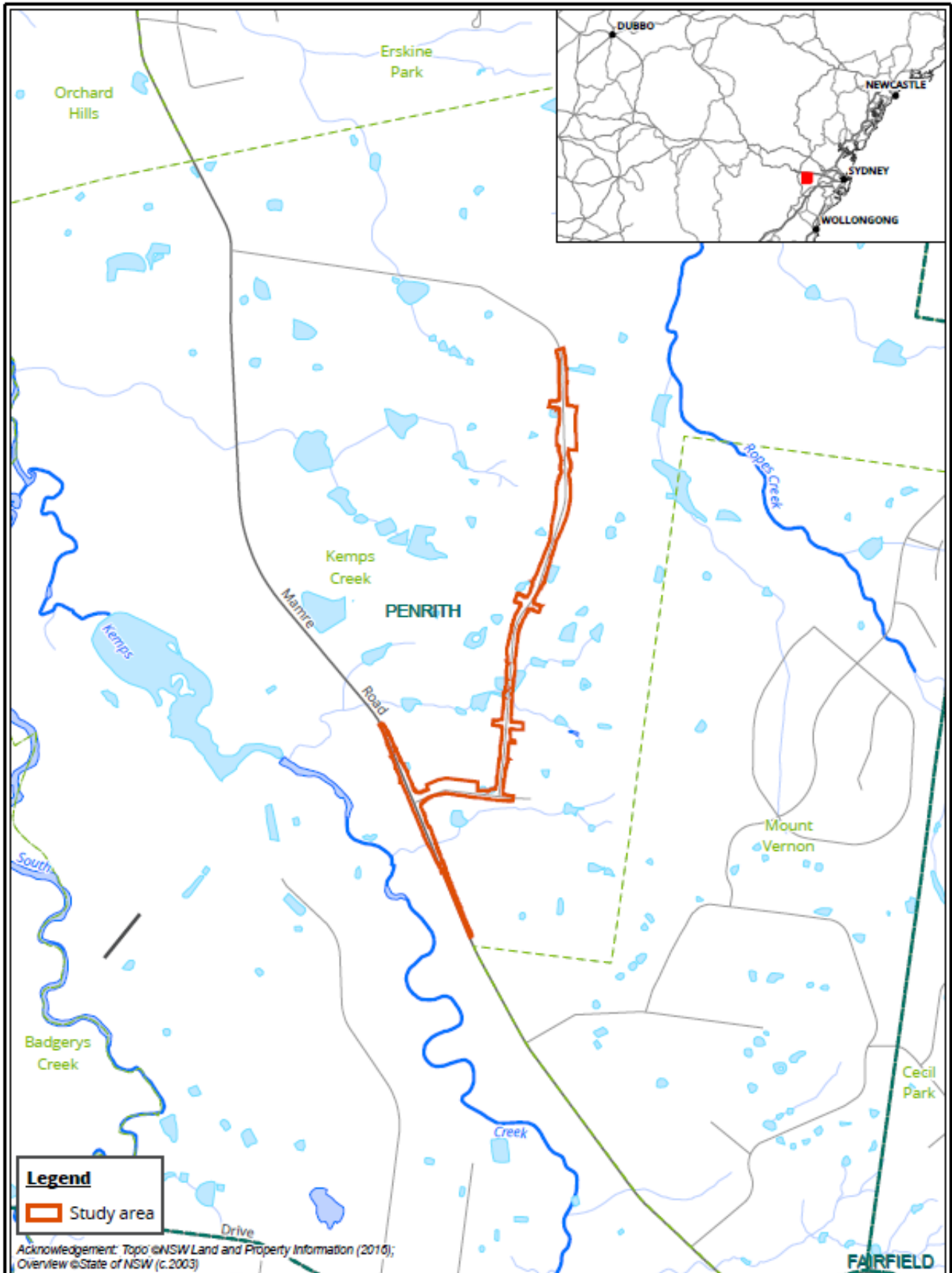
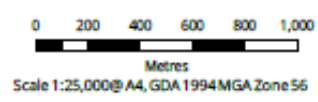
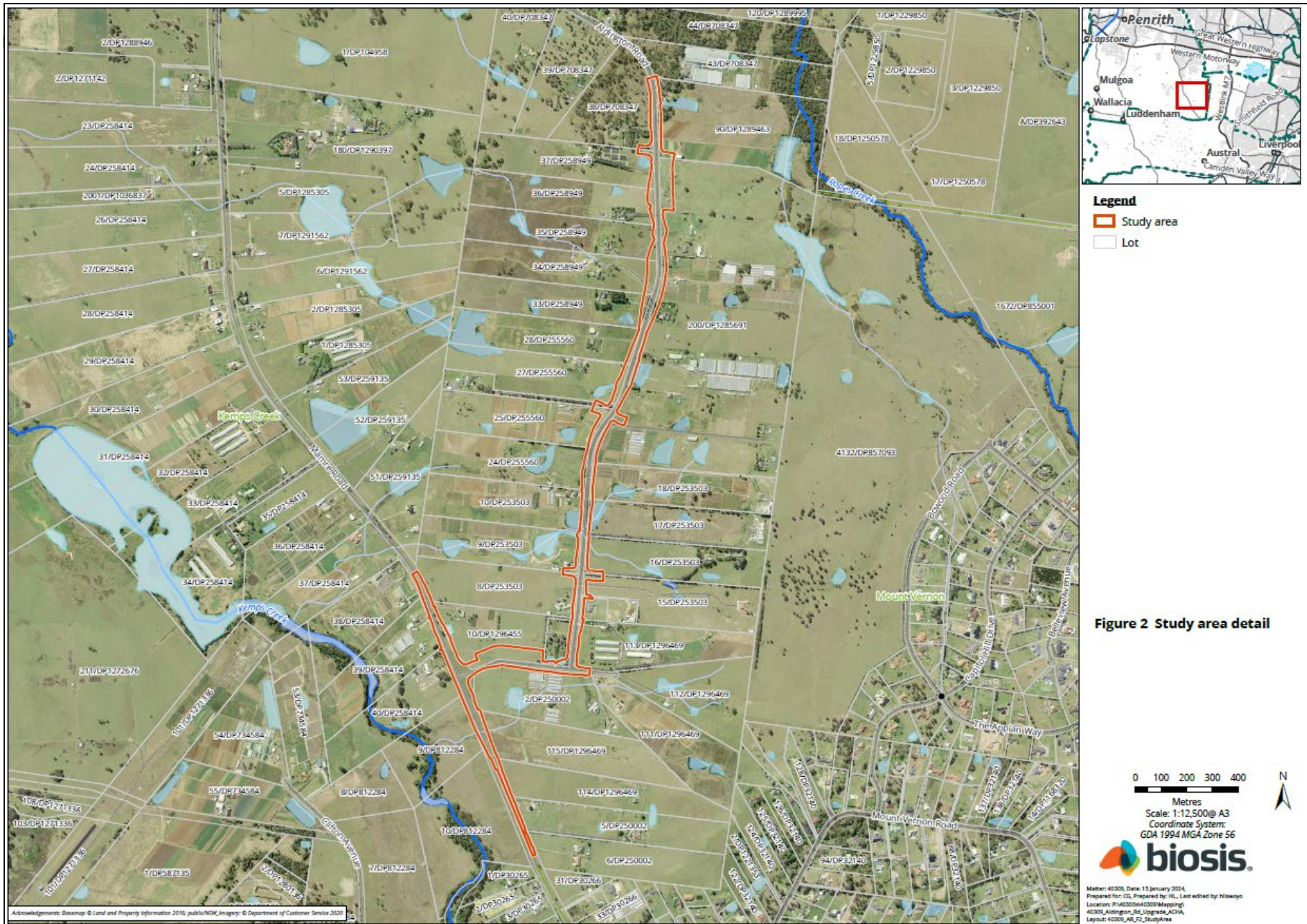
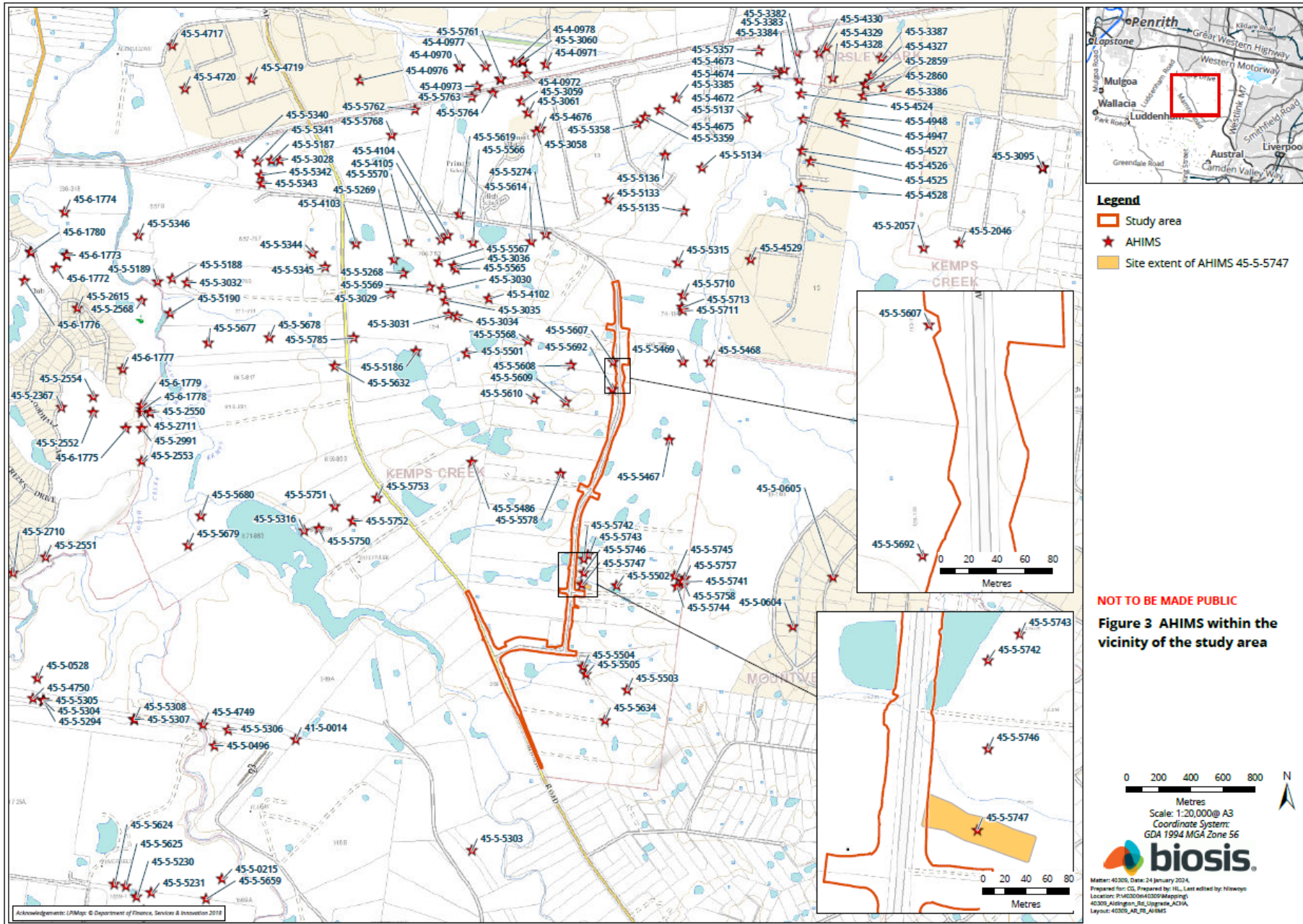


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
 Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade\ACHA
 Layout: 40309_AR_FT_Locality







Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

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15 February 2024

Pearl Depoma
Pearl Depoma
21 Pemberton Street Parramatta NSW 2150

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,



Bronte Baonza

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

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The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation is part of the Wianamatta group, and consists of shale, carbonaceous claystone, laminate, lithic sandstone, and rare coal. Artefact scatters are common in this geological unit, as are PADs. The presence of underlying shale deposits suggests that sites commonly found within sandstone formations, such as grinding grooves and rock shelters/rock art, are less likely to be present. Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

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- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

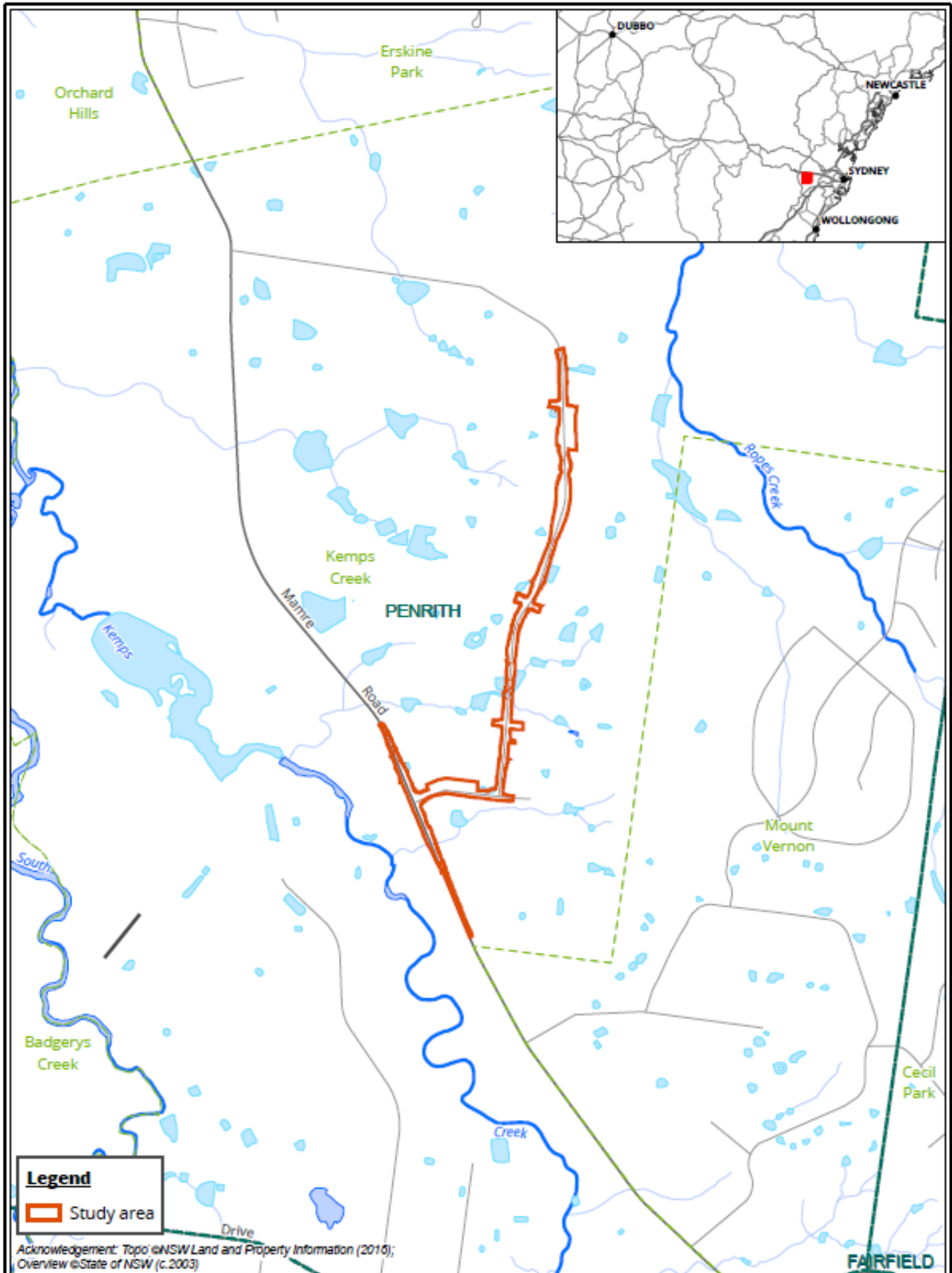
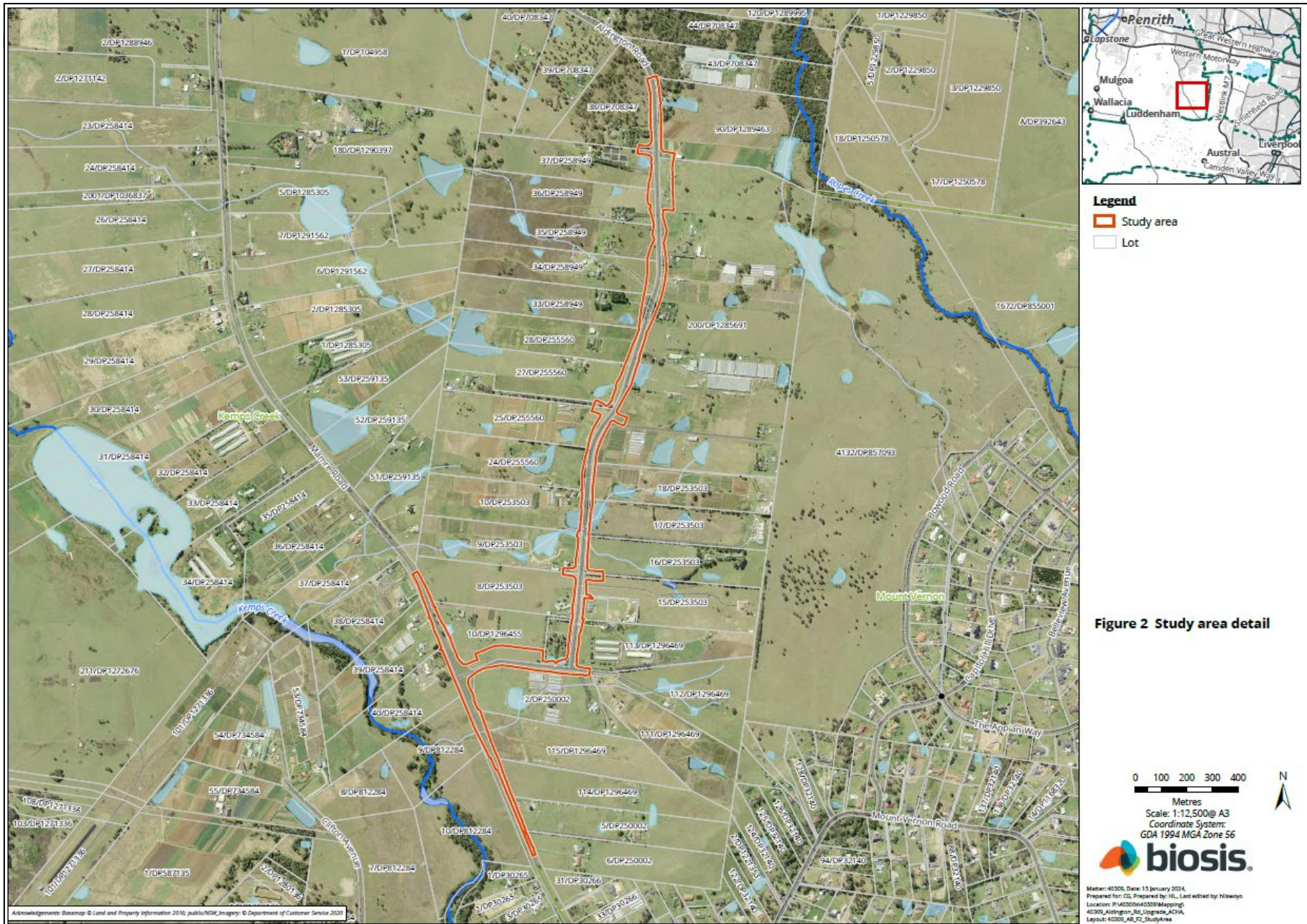
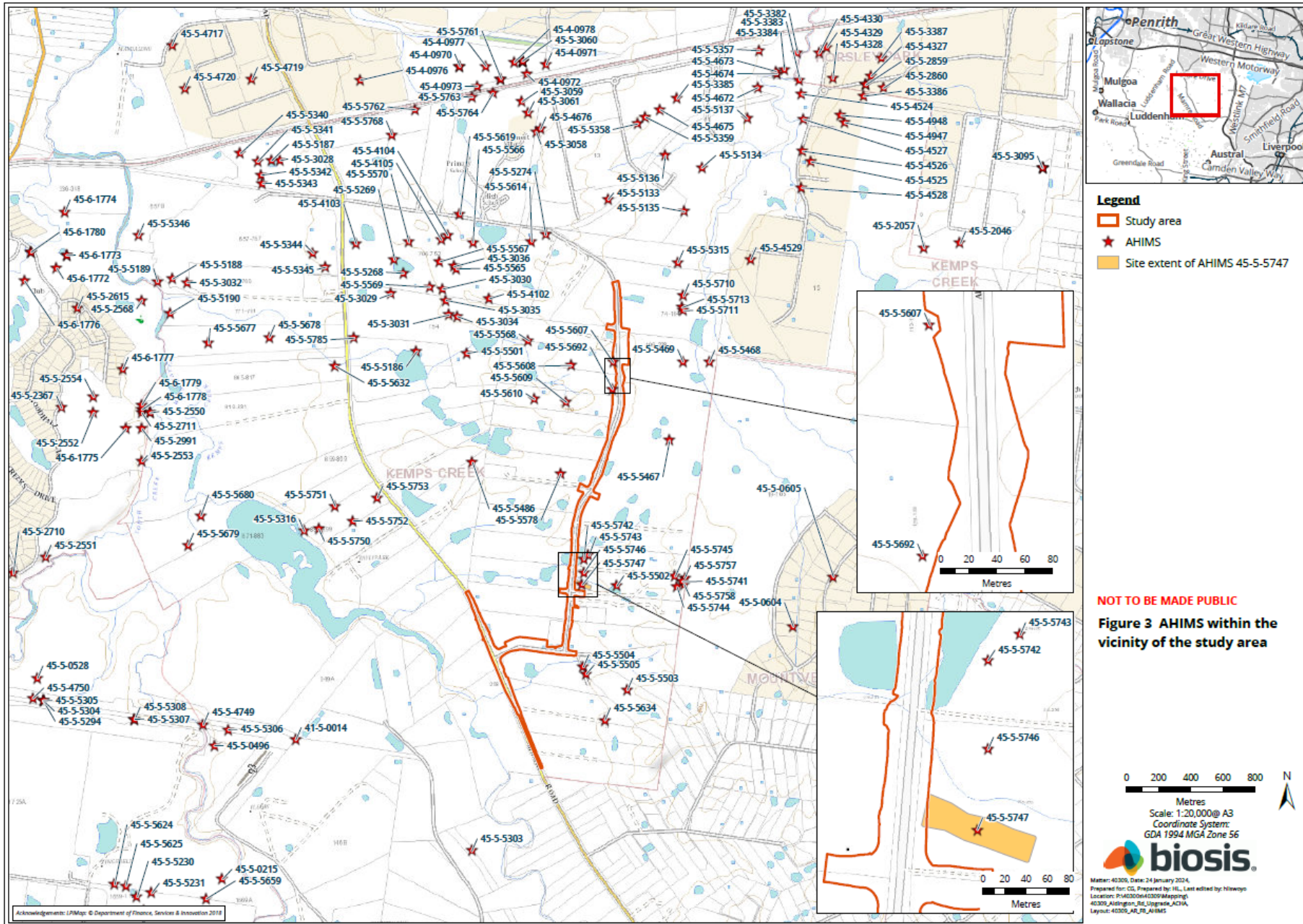


Figure 1 Location of the study area





Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

Culturally sensitive material

Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public, then RAPs should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

- For each test pit that is excavated, the following documentation will be taken:
 - Unique test pit identification number.
 - GPS coordinate of each test pit.
 - Munsell soil colour and texture.
 - Amount and location of cultural material within the deposit.
 - Nature of disturbance where present.
 - Stratigraphy.
 - Archaeological features (if present).
 - Photographic records.
 - Spit records.
- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (14/17–27 Power Avenue, Alexandria, NSW 2015).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

Biosis 2023. *270 Aldington Road, Kemps Creek: Aboriginal Cultural Heritage Assessment*, report for AT&L on behalf of Stockland.

DECCW 2010a. *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, New South Wales Government Department of Environment and Climate Change., Sydney, NSW.

DECCW 2010b. *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW*, Department of Environment and Climate Change, Sydney NSW.

Hazelton PA 1992. *Soil Landscapes of the Kiama 1:00,000 Sheet*, Department of Conservation and Land Management (incorporating the Soil Conservation Service of NSW), Sydney.

JMCHM 2000. *Archaeological Survey for Aboriginal Sites: Proposed Light Industrial Subdivision, 'Austral Site', Mamre Road, Erskine Park, NSW*, Report prepared for Gunninah Environmental Consultants for Austral Brick Company. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005a. *Archaeological Salvage Excavation of Site CG1 (NPWS #45-5-2648), at the corner of Charles and George Streets, Parramatta, NSW*, Report prepared for Meriton Apartments Pty Ltd. Jo McDonald Cultural Heritage Management Pty Ltd.

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15 February 2024

Rodney Gunther
Waawaar Awaa Aboriginal Corporation
15 Bungonia Street Prestons NSW 2170

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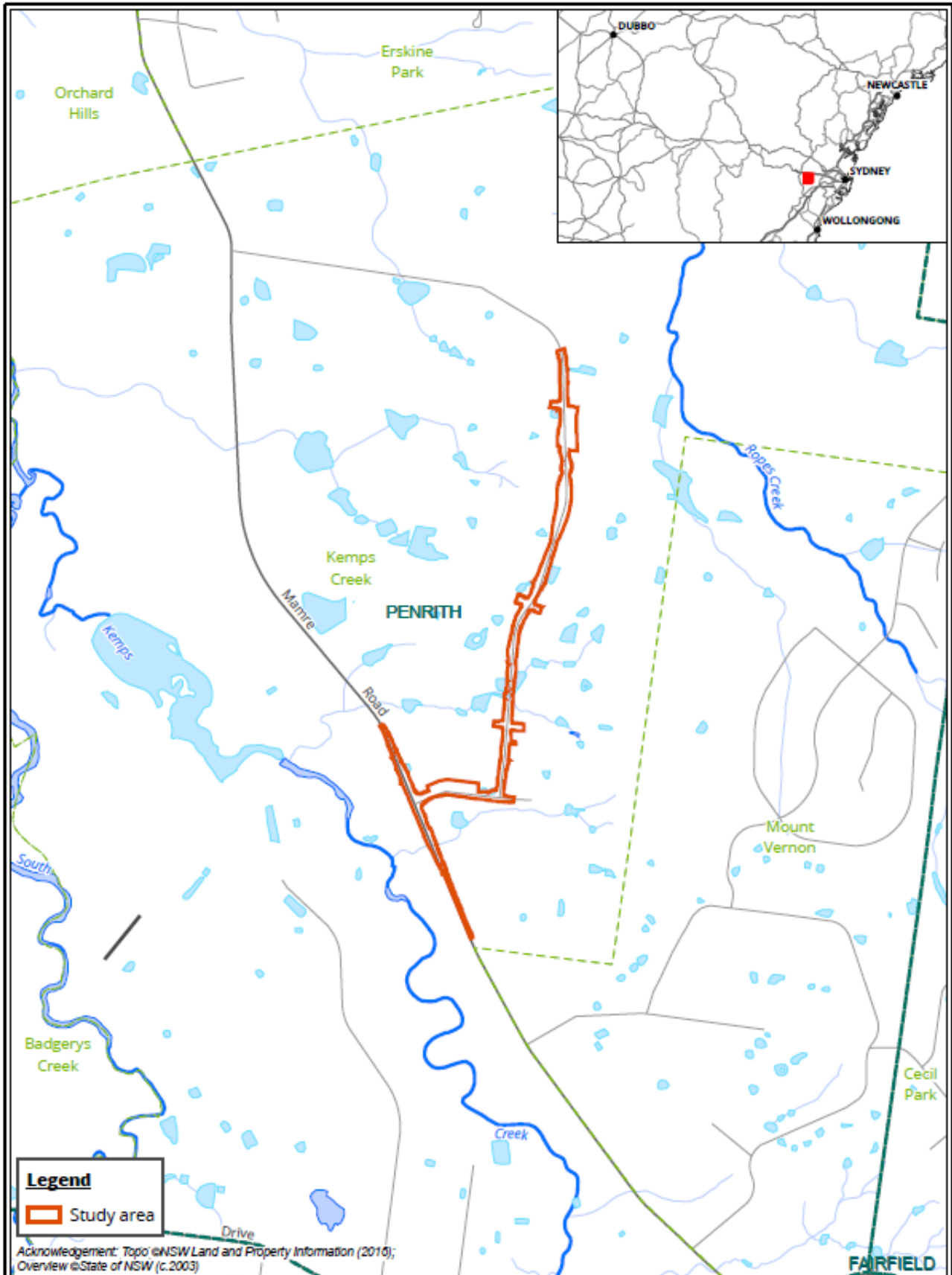
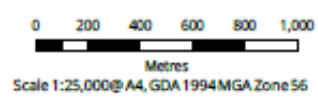
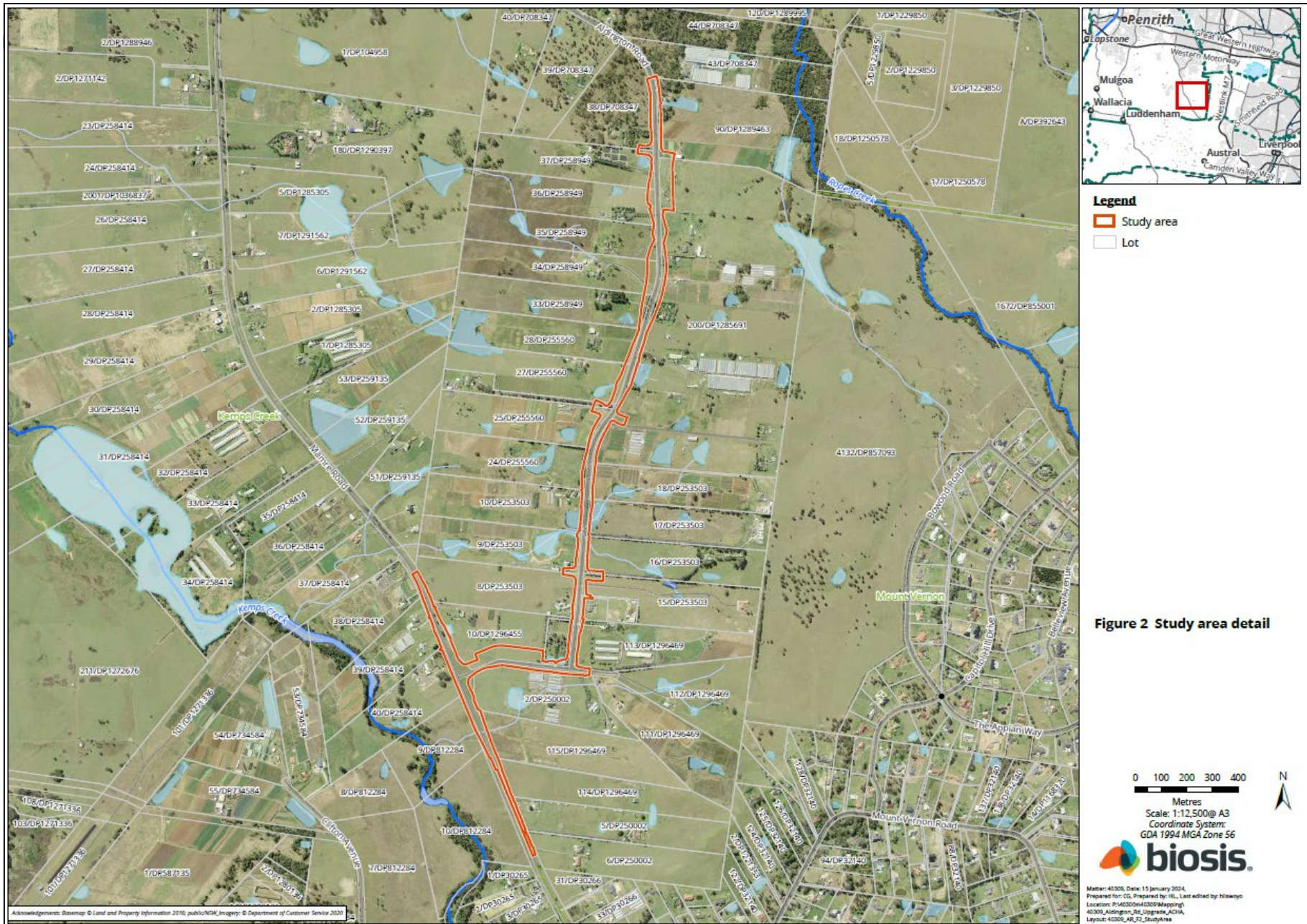
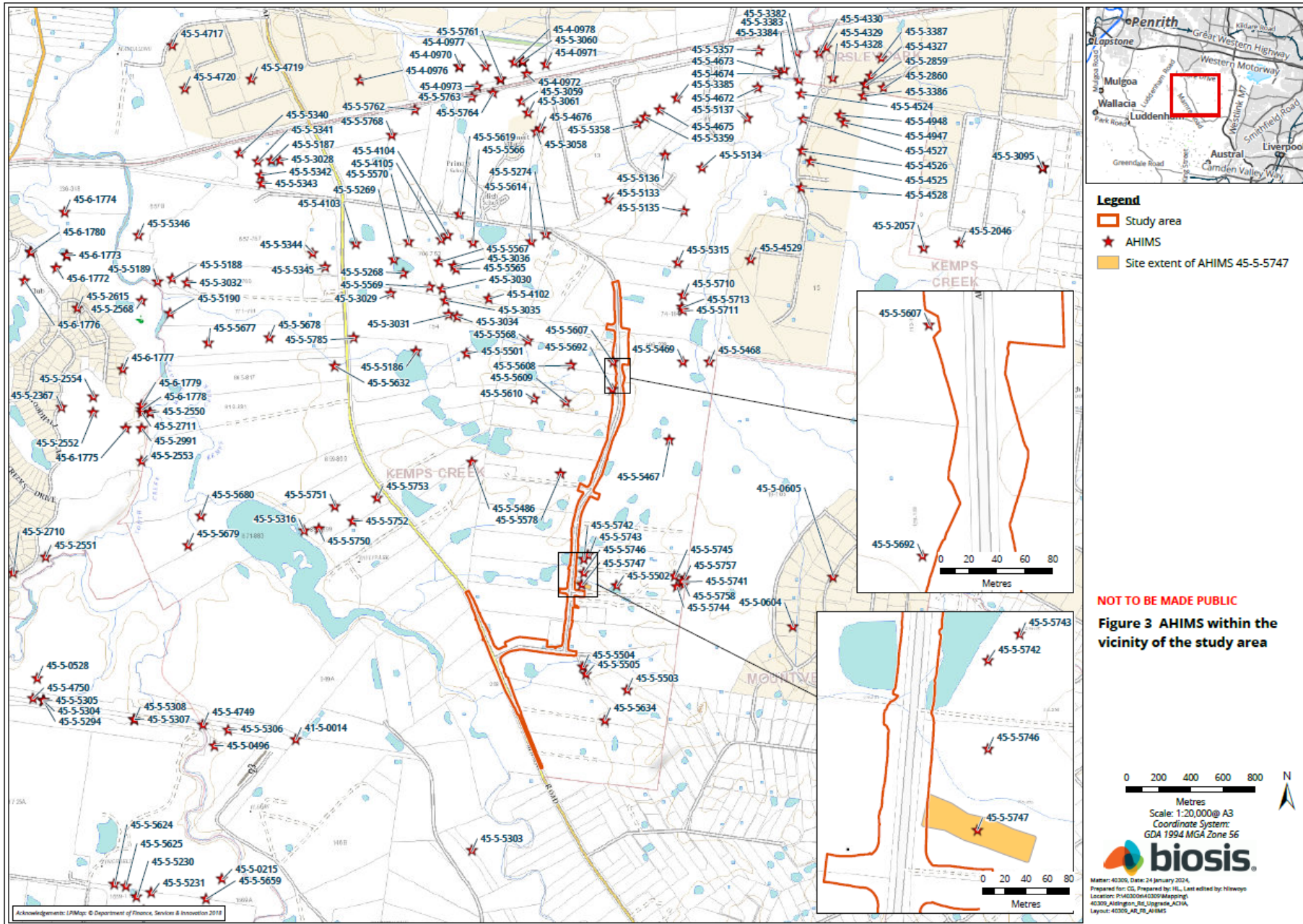


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
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Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

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Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
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- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
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All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

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Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

Biosis 2023. *270 Aldington Road, Kemps Creek: Aboriginal Cultural Heritage Assessment*, report for AT&L on behalf of Stockland.

DECCW 2010a. *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, New South Wales Government Department of Environment and Climate Change., Sydney, NSW.

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OEH 2011. 'Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW', Office of Environment and Heritage, Department of Premier and Cabinet, Sydney NSW.



15 February 2024

Philip Boney
Wailwan Aboriginal Group

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian

Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,

A handwritten signature in black ink that reads "Bronte".

Bronte Baonza

Biosis Pty Ltd
Sydney Resource Group

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097
ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

flakes, two medial flakes, one multidirectional core and one manuport. Disturbances observed within the area relate to low intensity agriculture.

The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation is part of the Wianamatta group, and consists of shale, carbonaceous claystone, laminate, lithic sandstone, and rare coal. Artefact scatters are common in this geological unit, as are PADs. The presence of underlying shale deposits suggests that sites commonly found within sandstone formations, such as grinding grooves and rock shelters/rock art, are less likely to be present. Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

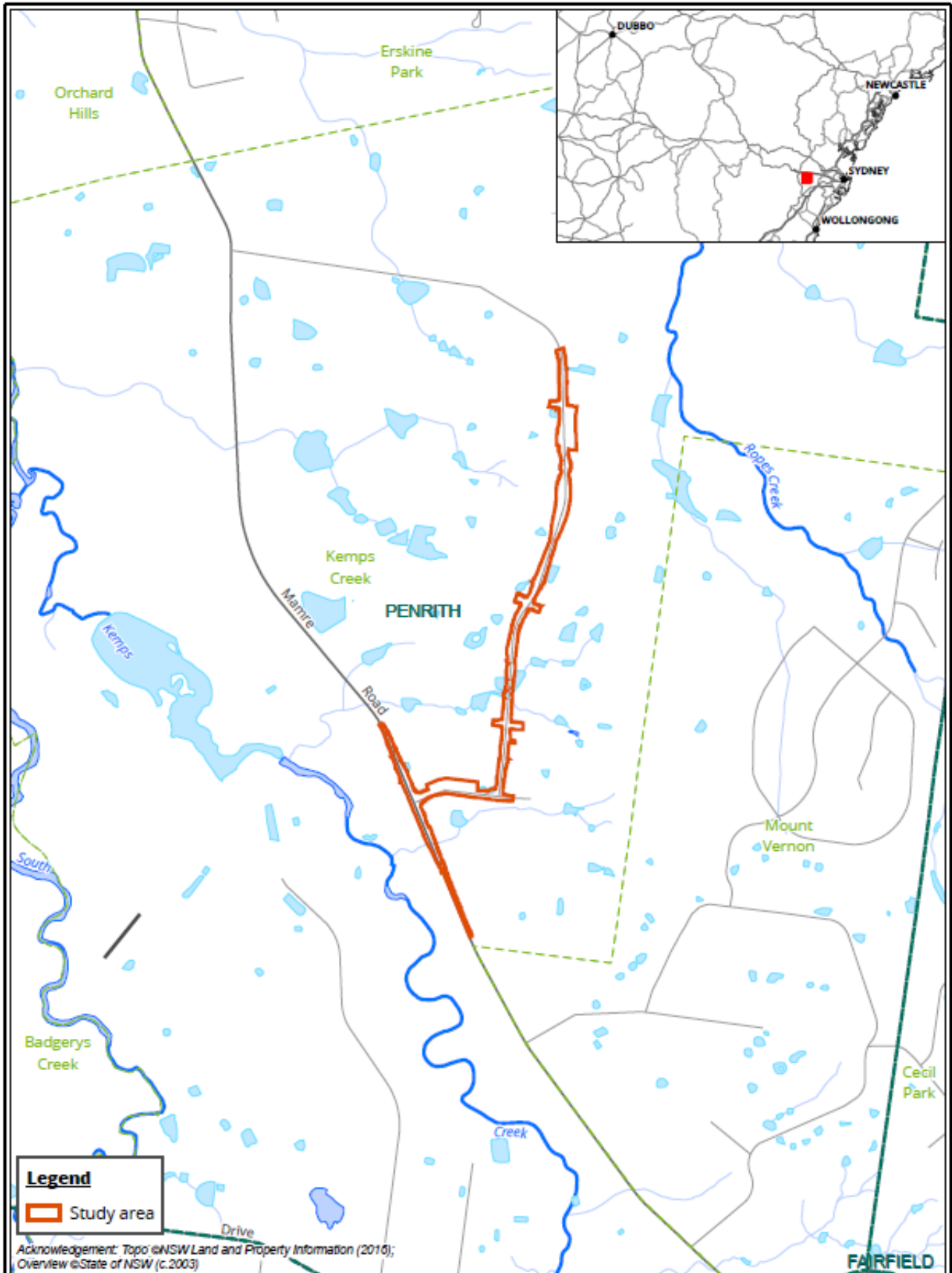
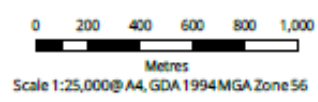
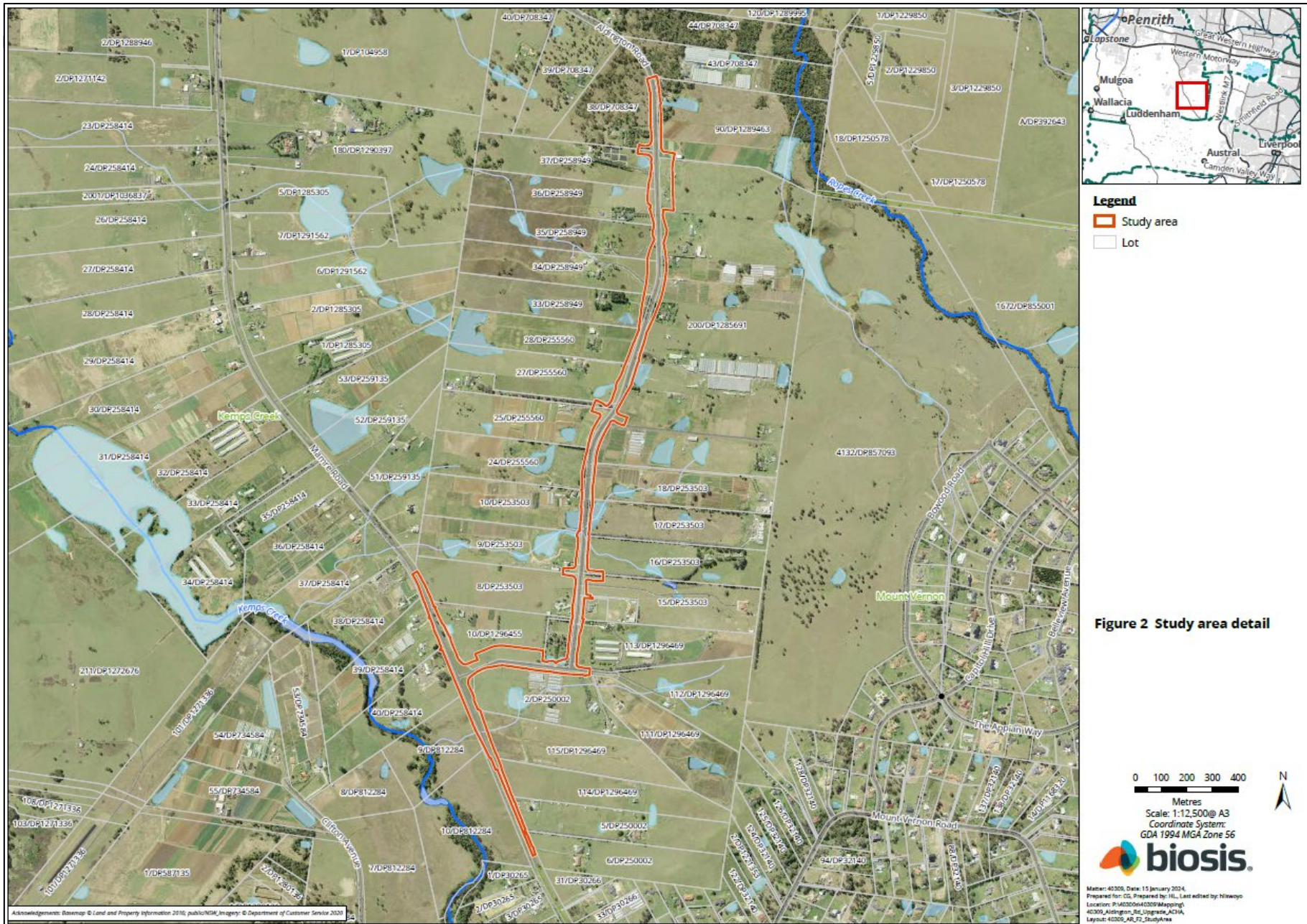
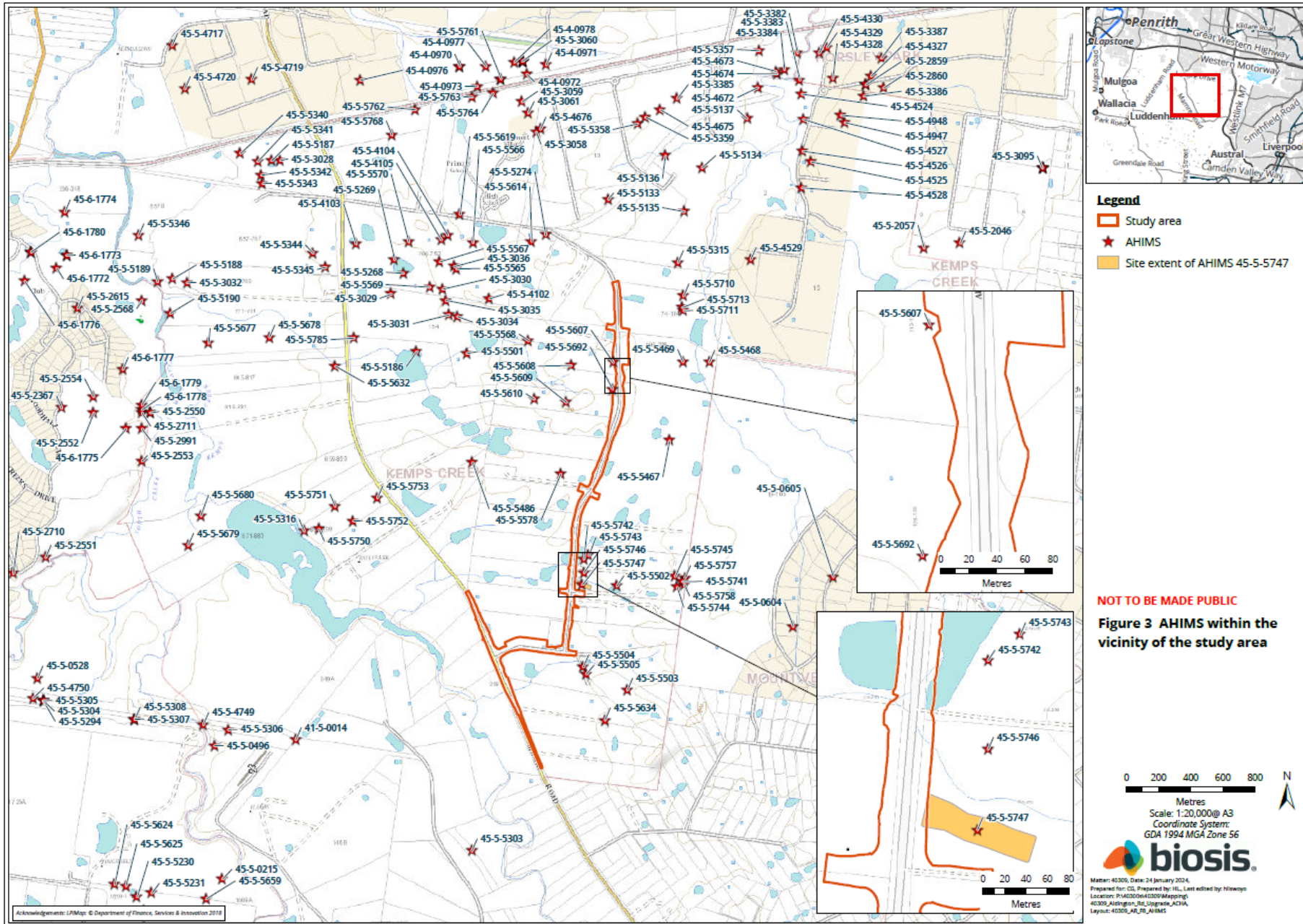


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
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The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

Biosis 2023. *270 Aldington Road, Kemps Creek: Aboriginal Cultural Heritage Assessment*, report for AT&L on behalf of Stockland.

DECCW 2010a. *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, New South Wales Government Department of Environment and Climate Change., Sydney, NSW.

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15 February 2024

Kelvin Boney
Wallanbah Aboriginal Site Conveyancing

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian

Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,



Bronte Baonza

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

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Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation is part of the Wianamatta group, and consists of shale, carbonaceous claystone, laminate, lithic sandstone, and rare coal. Artefact scatters are common in this geological unit, as are PADs. The presence of underlying shale deposits suggests that sites commonly found within sandstone formations, such as grinding grooves and rock shelters/rock art, are less likely to be present. Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

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- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

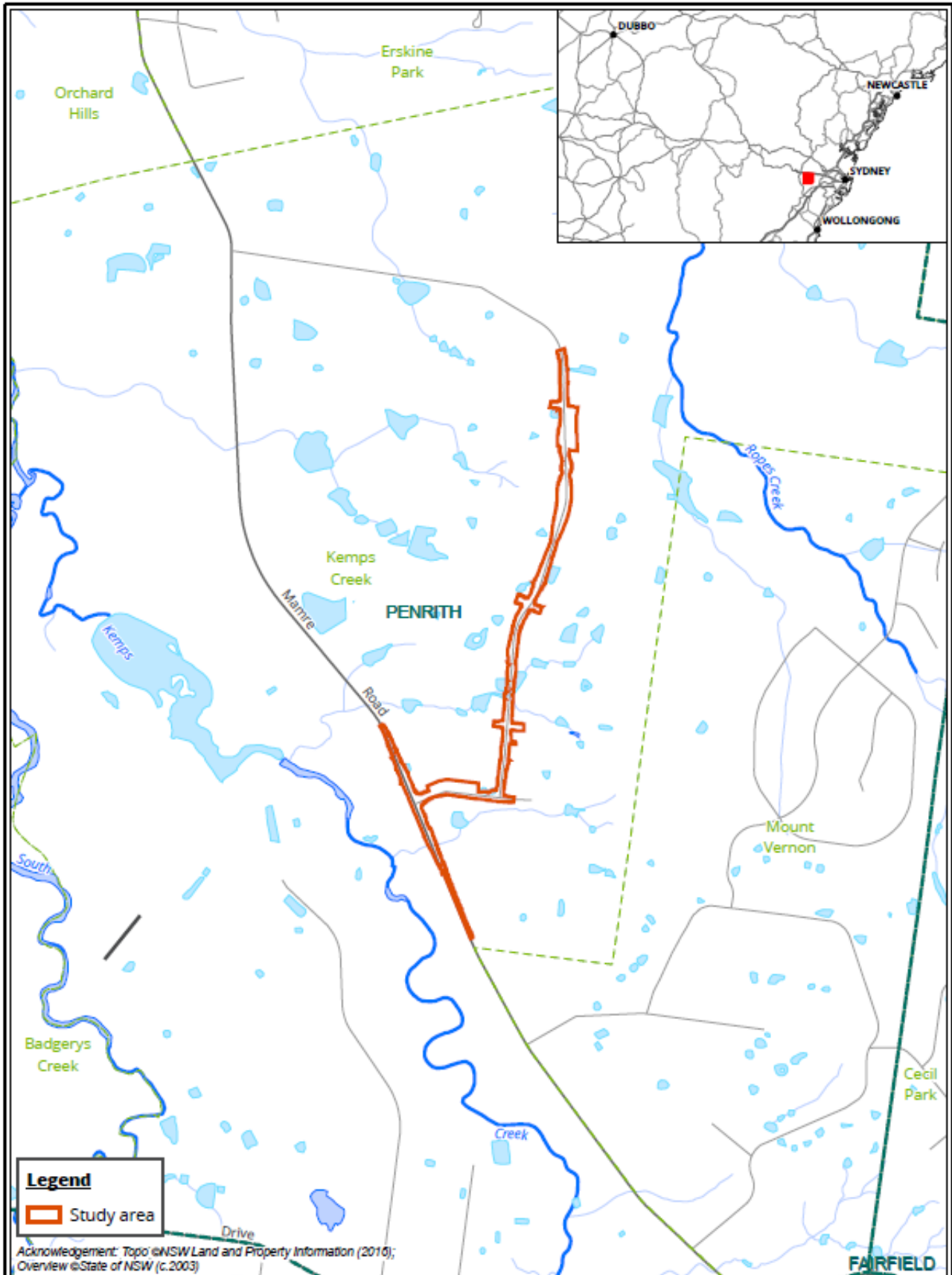
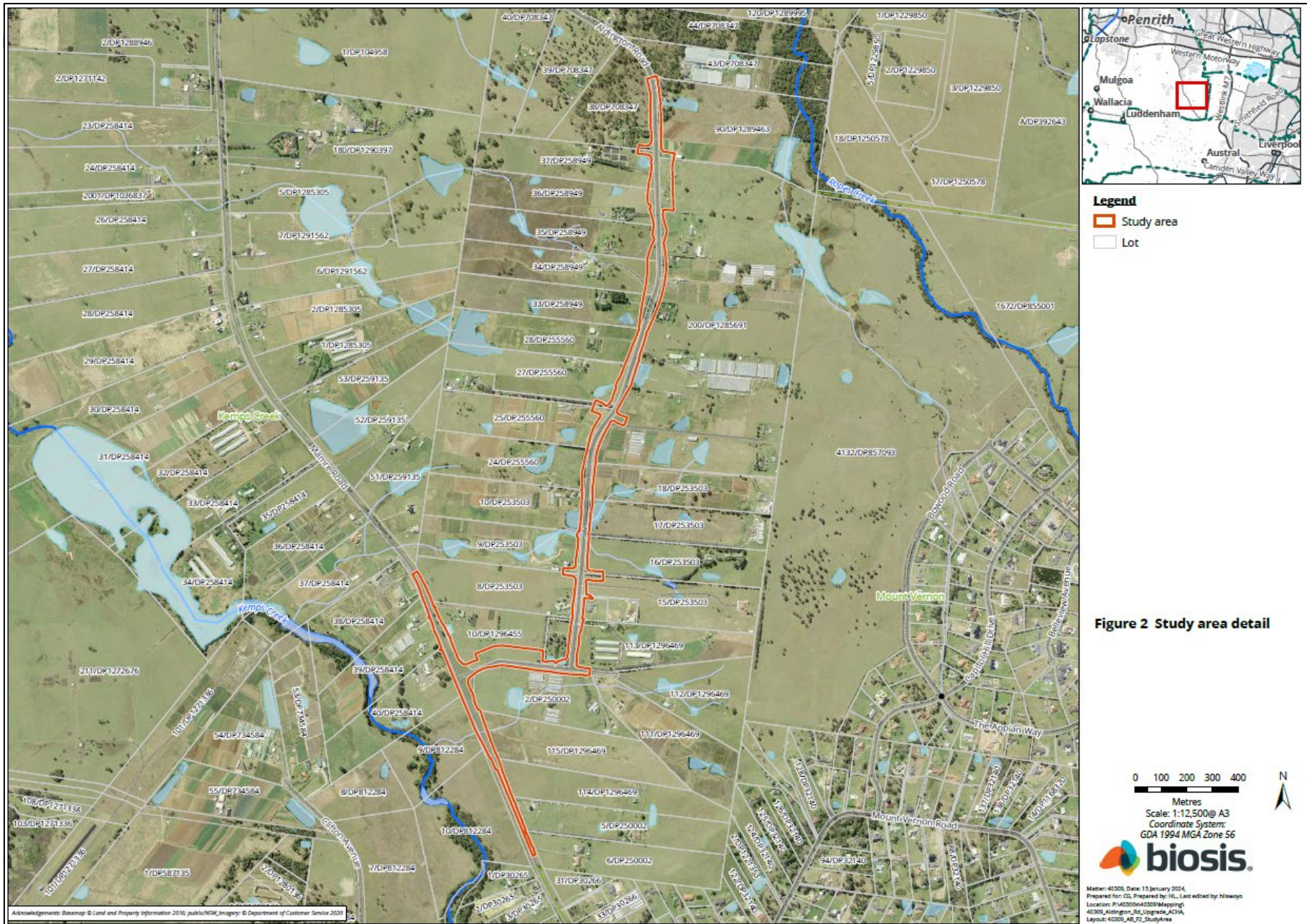
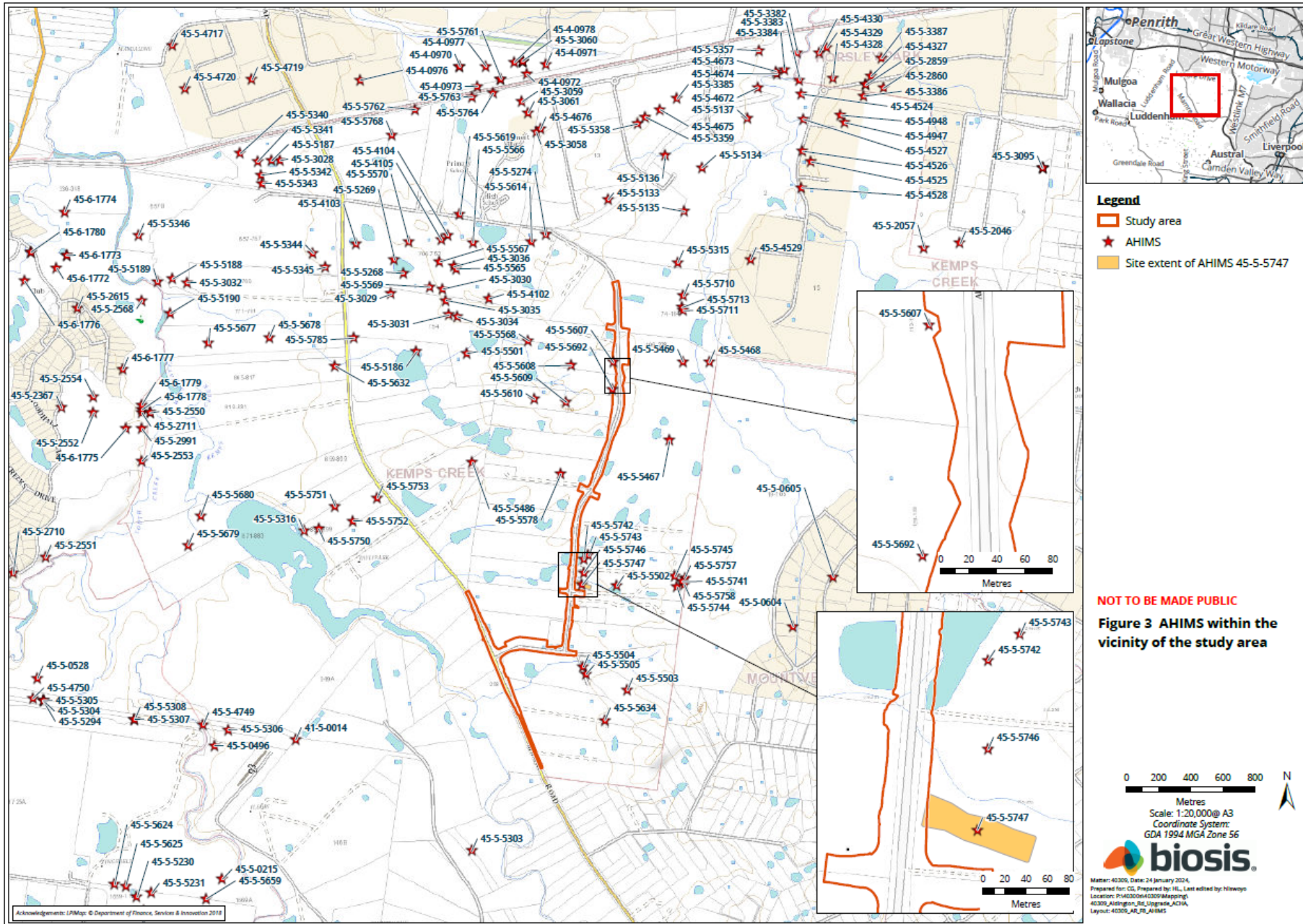


Figure 1 Location of the study area







Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

Culturally sensitive material

Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public, then RAPs should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

- For each test pit that is excavated, the following documentation will be taken:
 - Unique test pit identification number.
 - GPS coordinate of each test pit.
 - Munsell soil colour and texture.
 - Amount and location of cultural material within the deposit.
 - Nature of disturbance where present.
 - Stratigraphy.
 - Archaeological features (if present).
 - Photographic records.
 - Spit records.
- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (14/17–27 Power Avenue, Alexandria, NSW 2015).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

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15 February 2024

Steven Hickey
Widescope Indigenous Group
73 Russell Street, Emu Plains, NSW 2750

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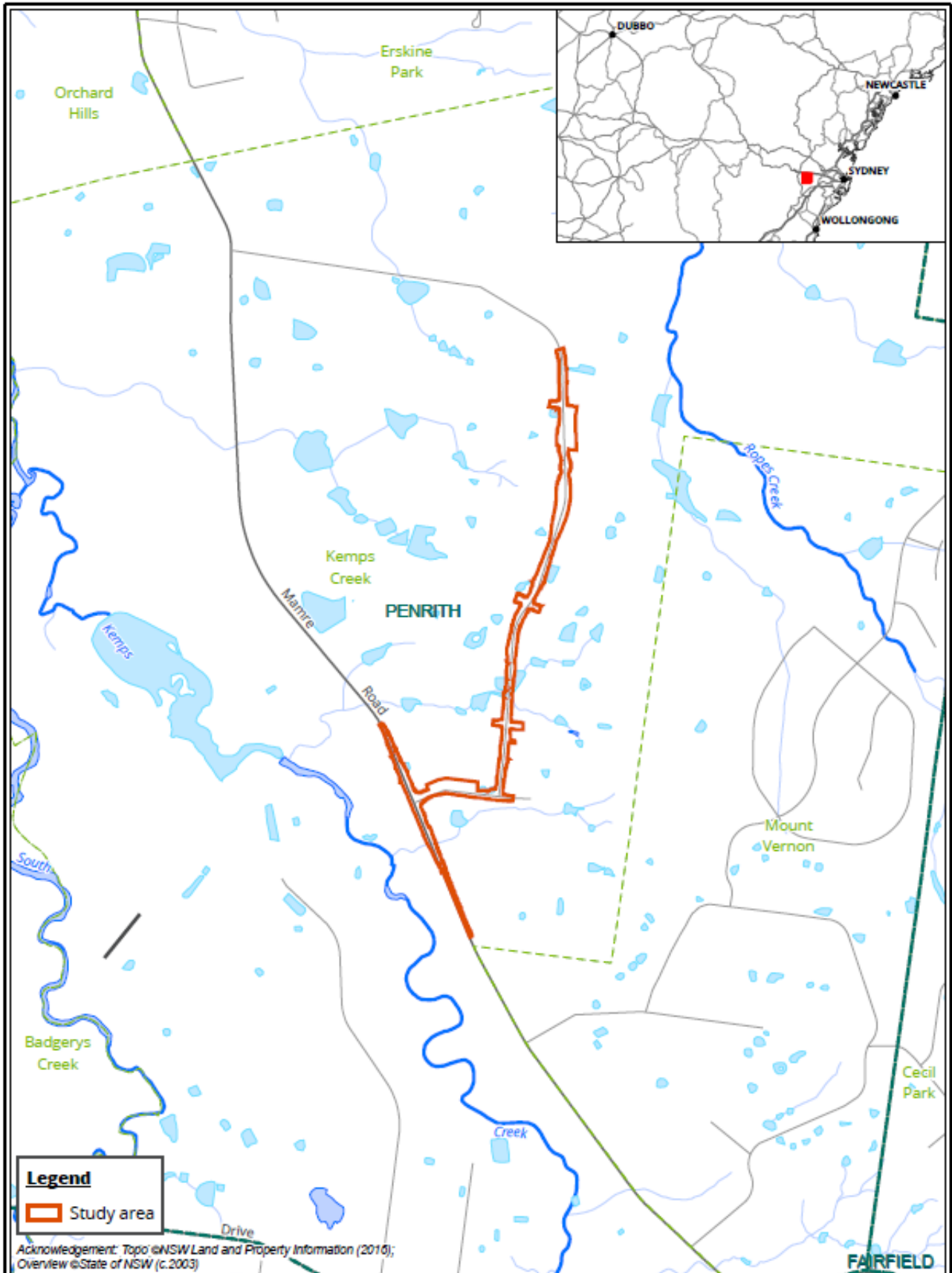
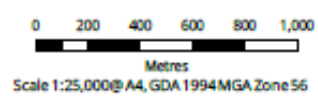
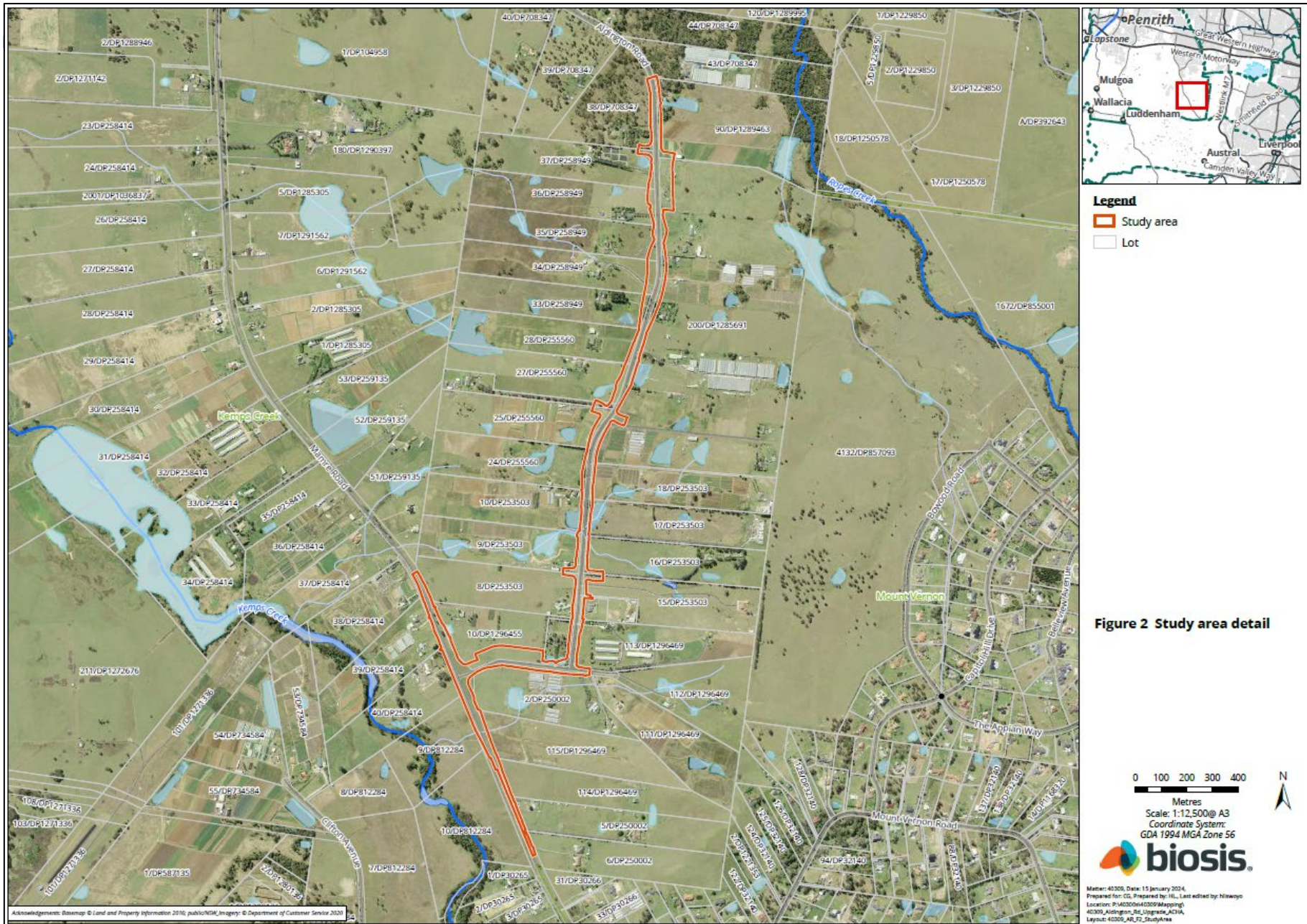
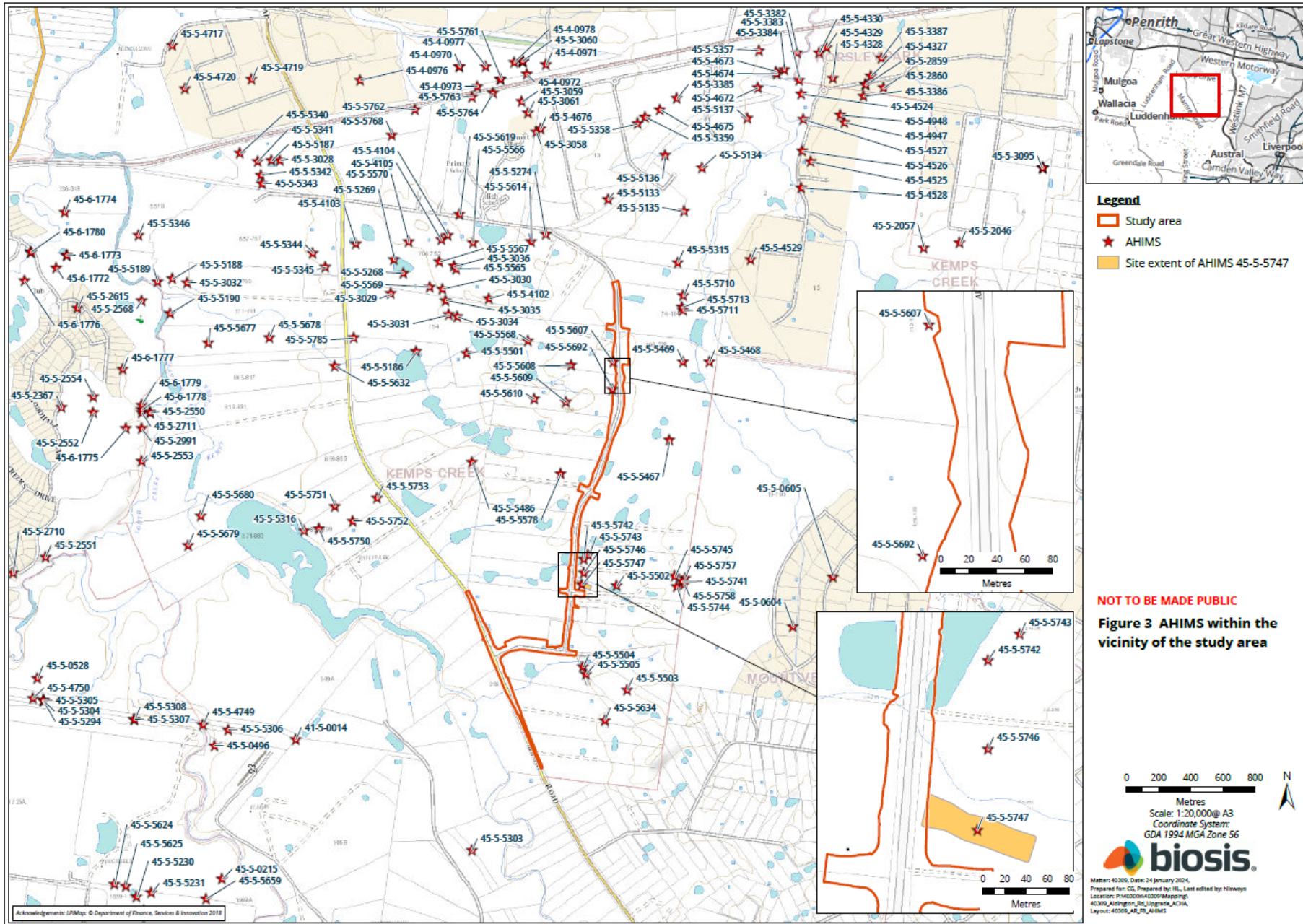


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
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Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
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- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

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- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

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An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

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Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

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The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

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- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
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Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (14/17–27 Power Avenue, Alexandria, NSW 2015).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

Biosis 2023. *270 Aldington Road, Kemps Creek: Aboriginal Cultural Heritage Assessment*, report for AT&L on behalf of Stockland.

DECCW 2010a. *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, New South Wales Government Department of Environment and Climate Change., Sydney, NSW.

DECCW 2010b. *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW*, Department of Environment and Climate Change, Sydney NSW.

Hazelton PA 1992. *Soil Landscapes of the Kiama 1:00,000 Sheet*, Department of Conservation and Land Management (incorporating the Soil Conservation Service of NSW), Sydney.

JMCHM 2000. *Archaeological Survey for Aboriginal Sites: Proposed Light Industrial Subdivision, 'Austral Site', Mamre Road, Erskine Park, NSW*, Report prepared for Gunninah Environmental Consultants for Austral Brick Company. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005a. *Archaeological Salvage Excavation of Site CG1 (NPWS #45-5-2648), at the corner of Charles and George Streets, Parramatta, NSW*, Report prepared for Meriton Apartments Pty Ltd. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005b. *Archaeological Salvage Excavation of Site RTA-GI, 109-113 George Street, Parramatta, NSW*, Unpublished Report prepared for Landcom. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2008. *Austral Land Mamre Road, Erskine Park Archaeological Salvage Excavations*, Report prepared for Macquarie Goodman. Jo McDonald Cultural Heritage Management Pty Ltd.

Nanson, GC & Croke JC 1992. 'A genetic classification of floodplains', *Geomorphology*, 4, 6: 459–486.

OEH 2011. 'Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW', Office of Environment and Heritage, Department of Premier and Cabinet, Sydney NSW.



15 February 2024

Steven Johnson
Woka Aboriginal Corporation
145 Carnarvon Road Schofields NSW 2762

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,

A handwritten signature in black ink that reads "Bronte".

Bronte Baonza

Biosis Pty Ltd
Sydney Resource Group

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097
ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

flakes, two medial flakes, one multidirectional core and one manuport. Disturbances observed within the area relate to low intensity agriculture.

The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation is part of the Wianamatta group, and consists of shale, carbonaceous claystone, laminate, lithic sandstone, and rare coal. Artefact scatters are common in this geological unit, as are PADs. The presence of underlying shale deposits suggests that sites commonly found within sandstone formations, such as grinding grooves and rock shelters/rock art, are less likely to be present. Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

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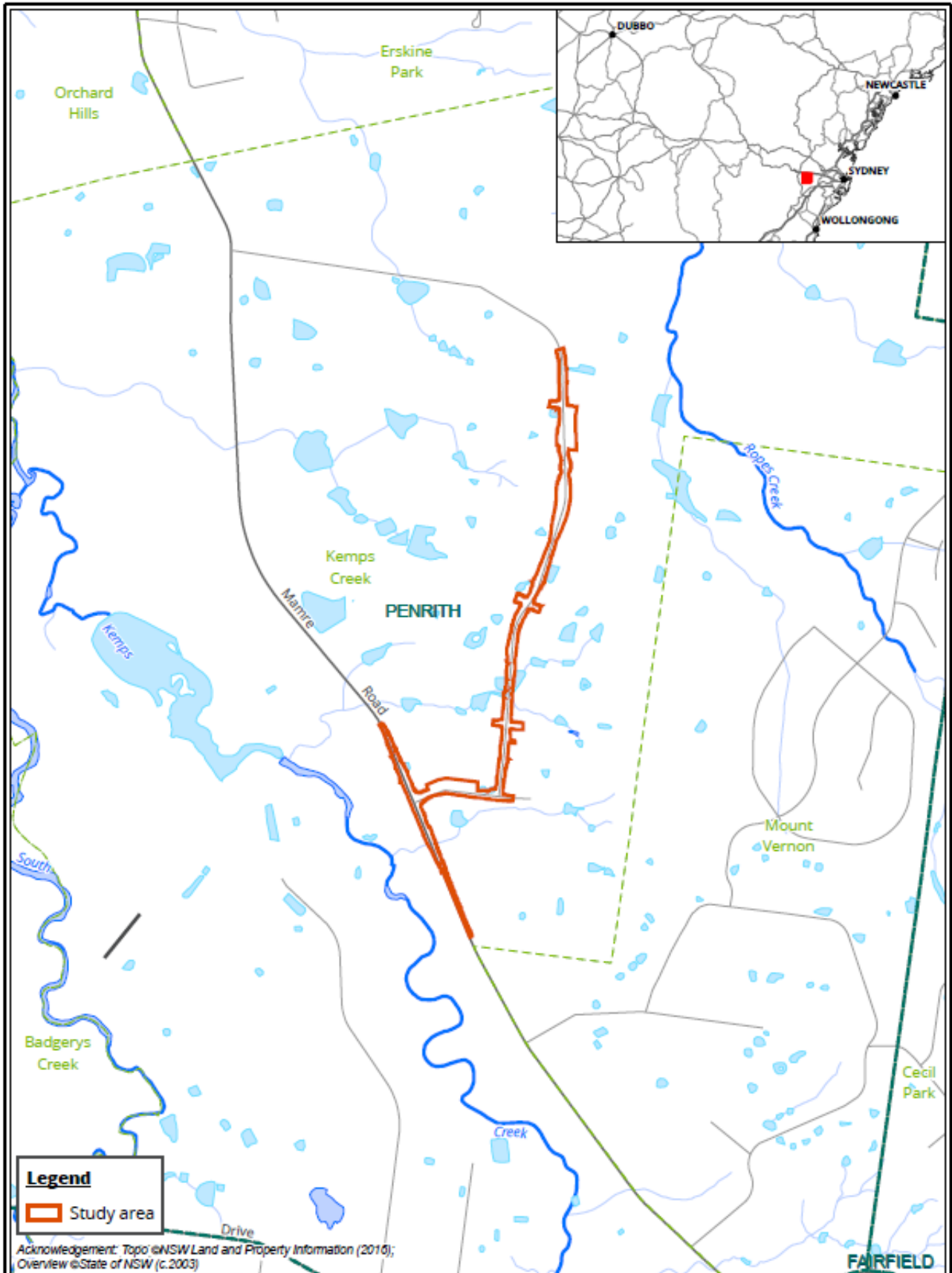
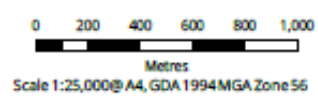
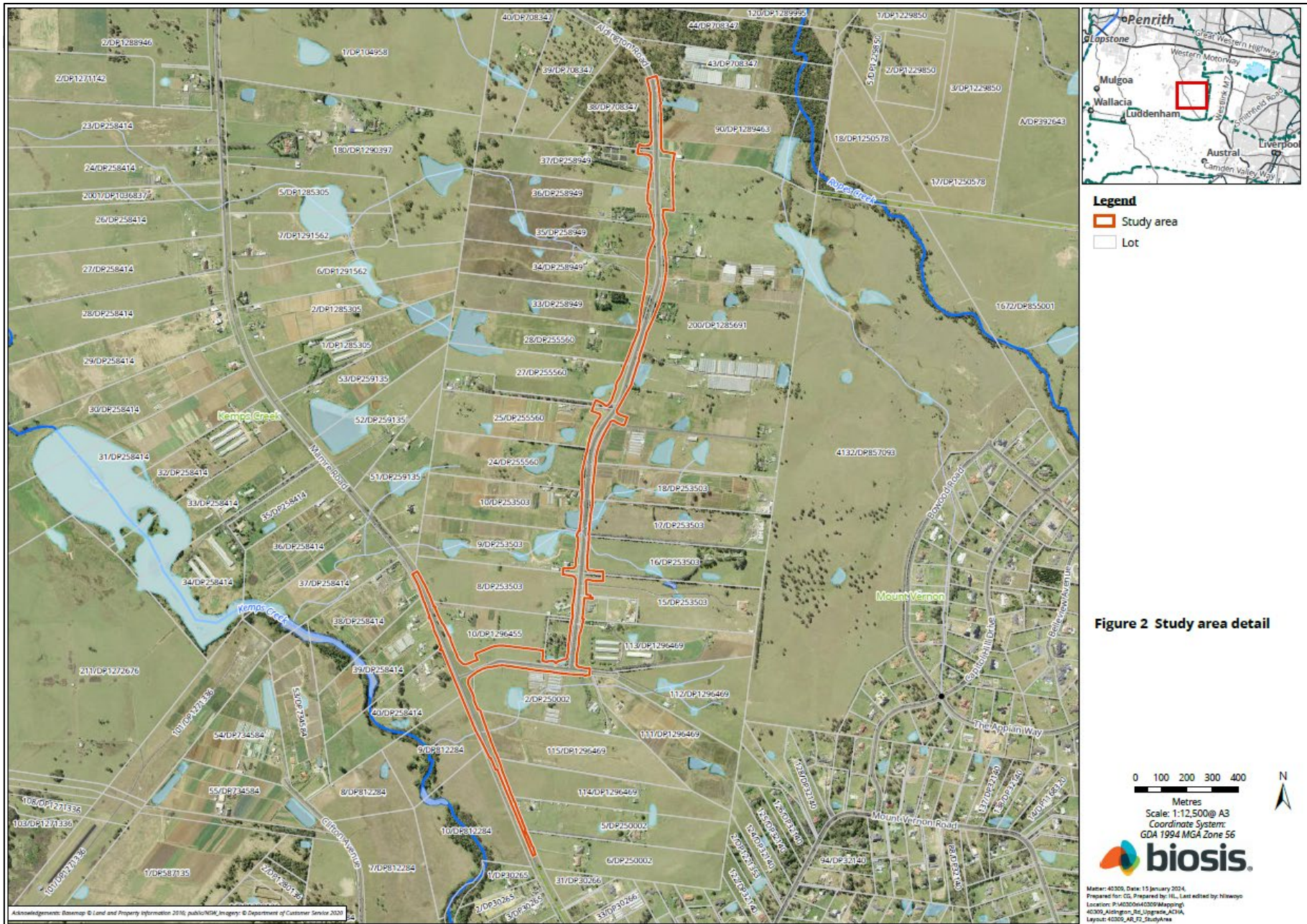
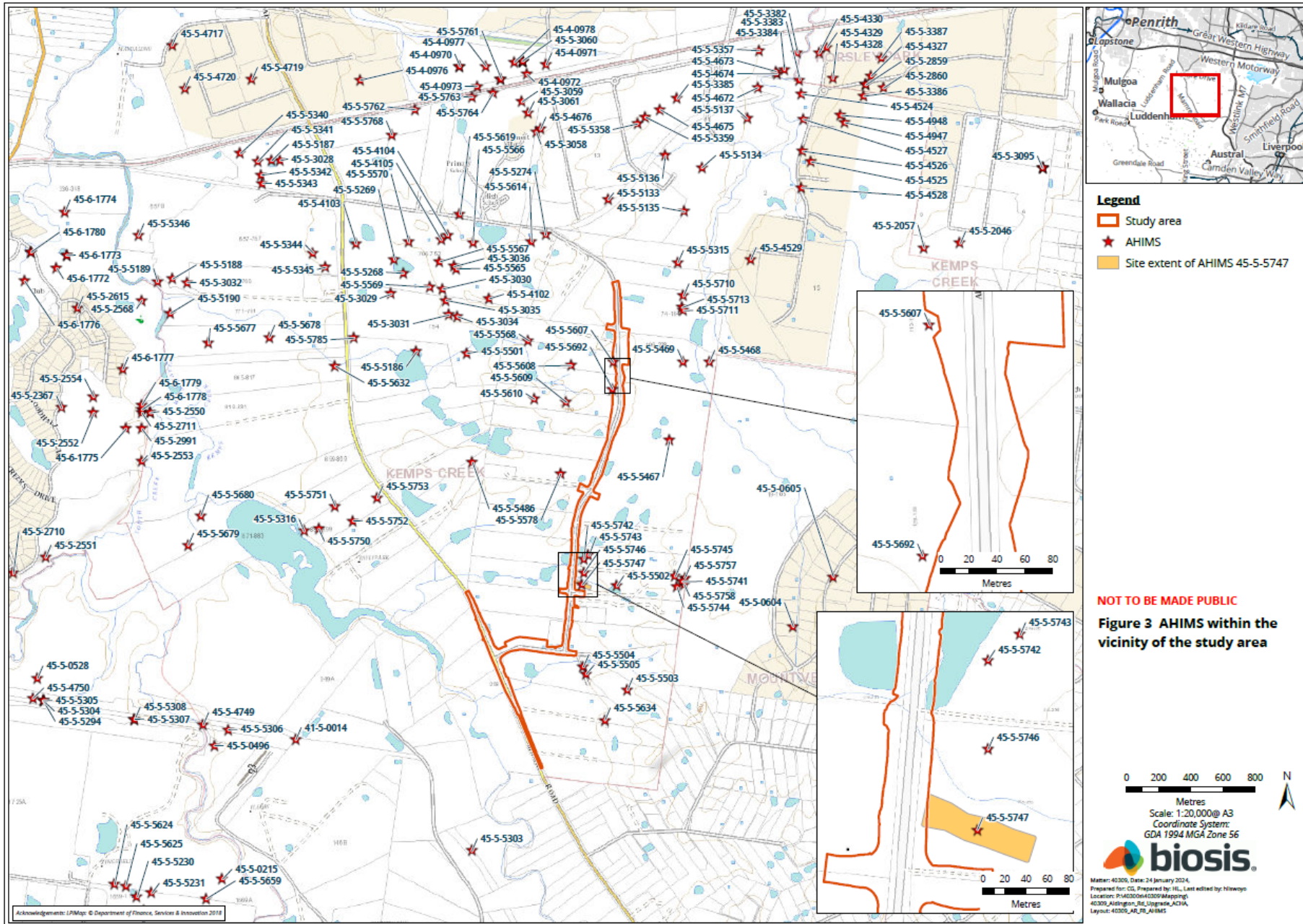


Figure 1 Location of the study area

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- Contribute to culturally appropriate information gathering and the research methodology.
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Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

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15 February 2024

Arika Jalomaki
Yulay Cultural Services
28 Poplar Street North St Mary's NSW 2760

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian

Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,

A handwritten signature in black ink that reads "Bronte".

Bronte Baonza

Biosis Pty Ltd
Sydney Resource Group

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097
ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

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A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

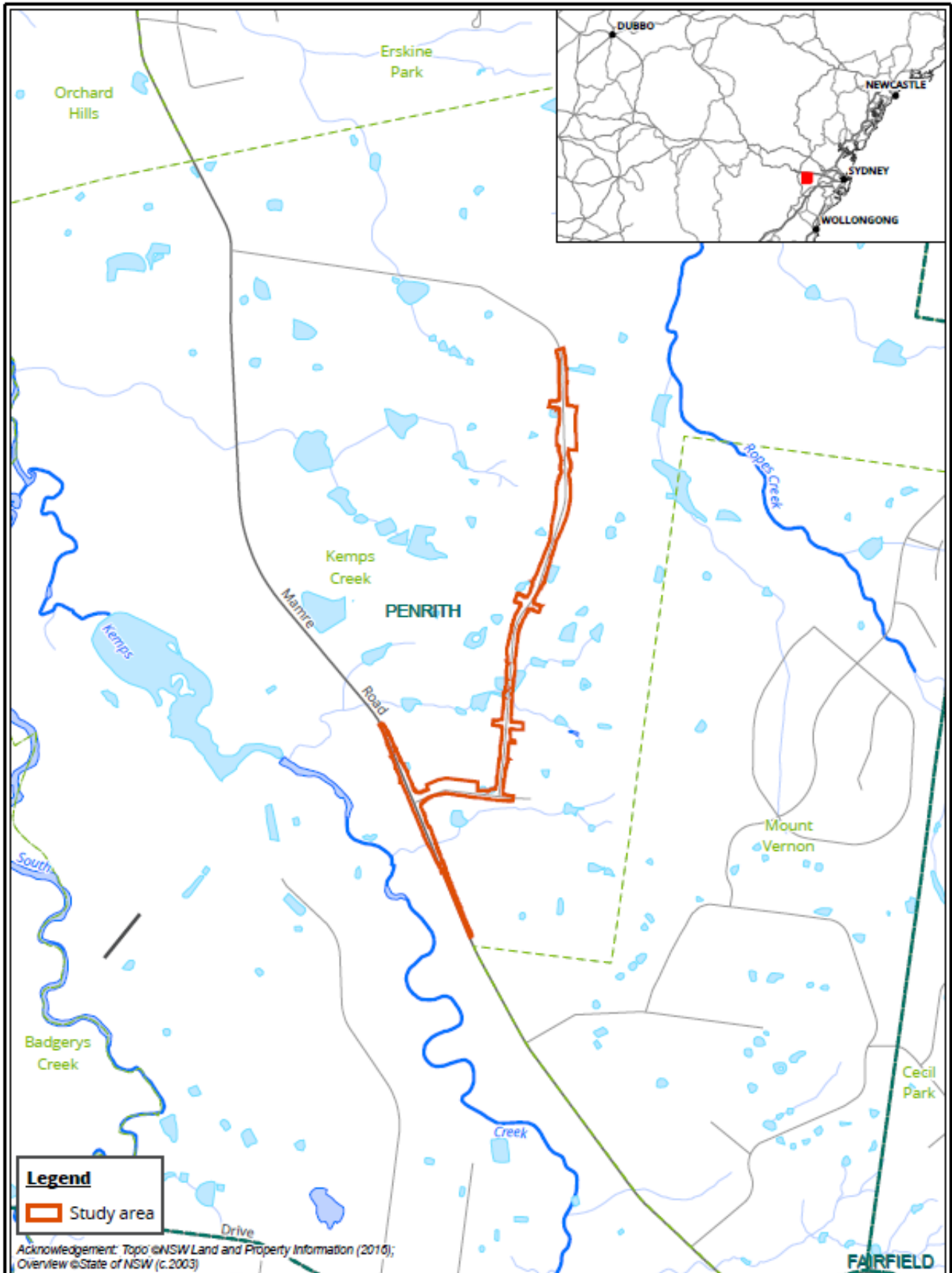
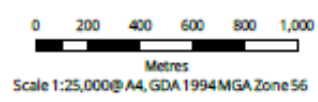
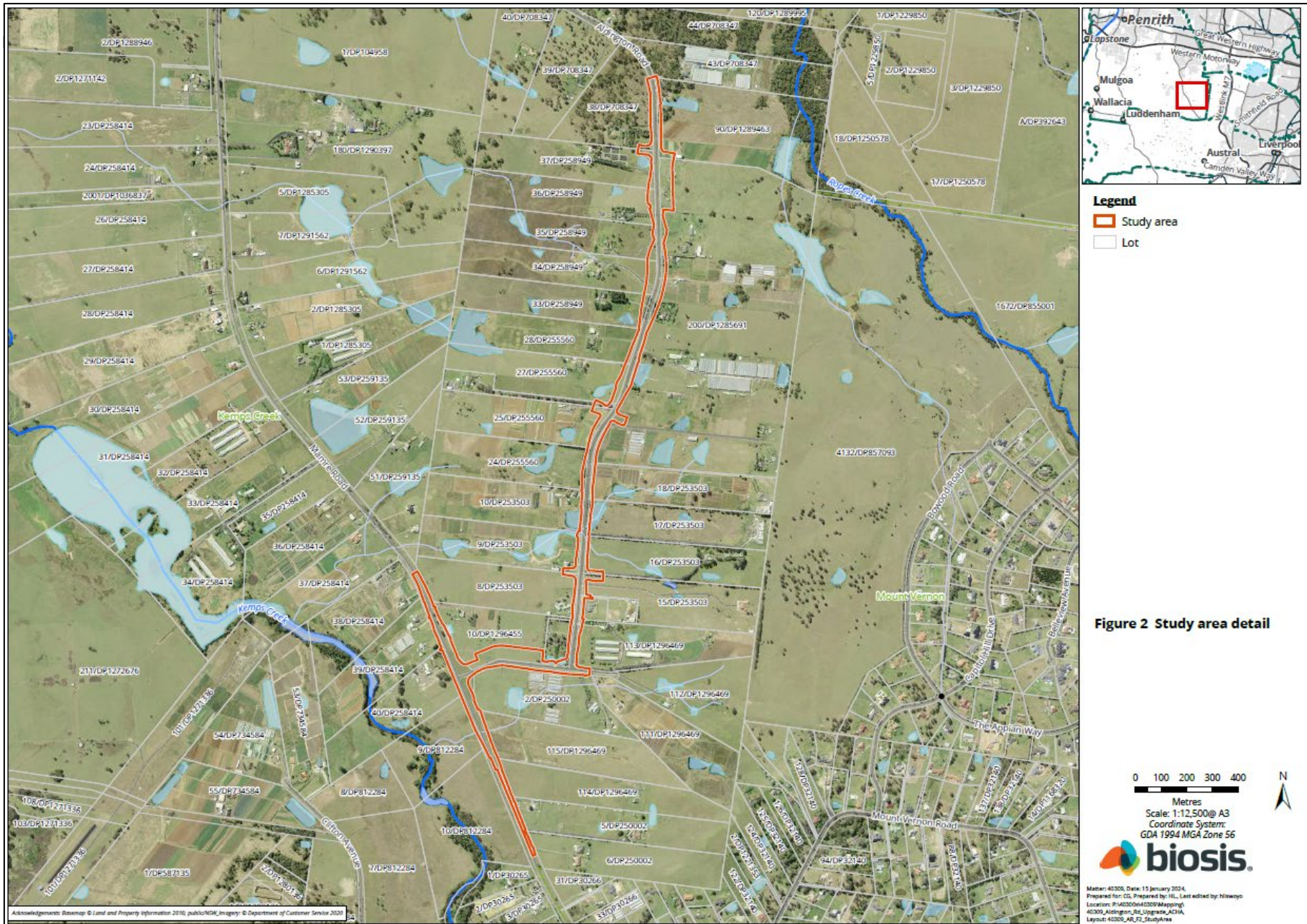
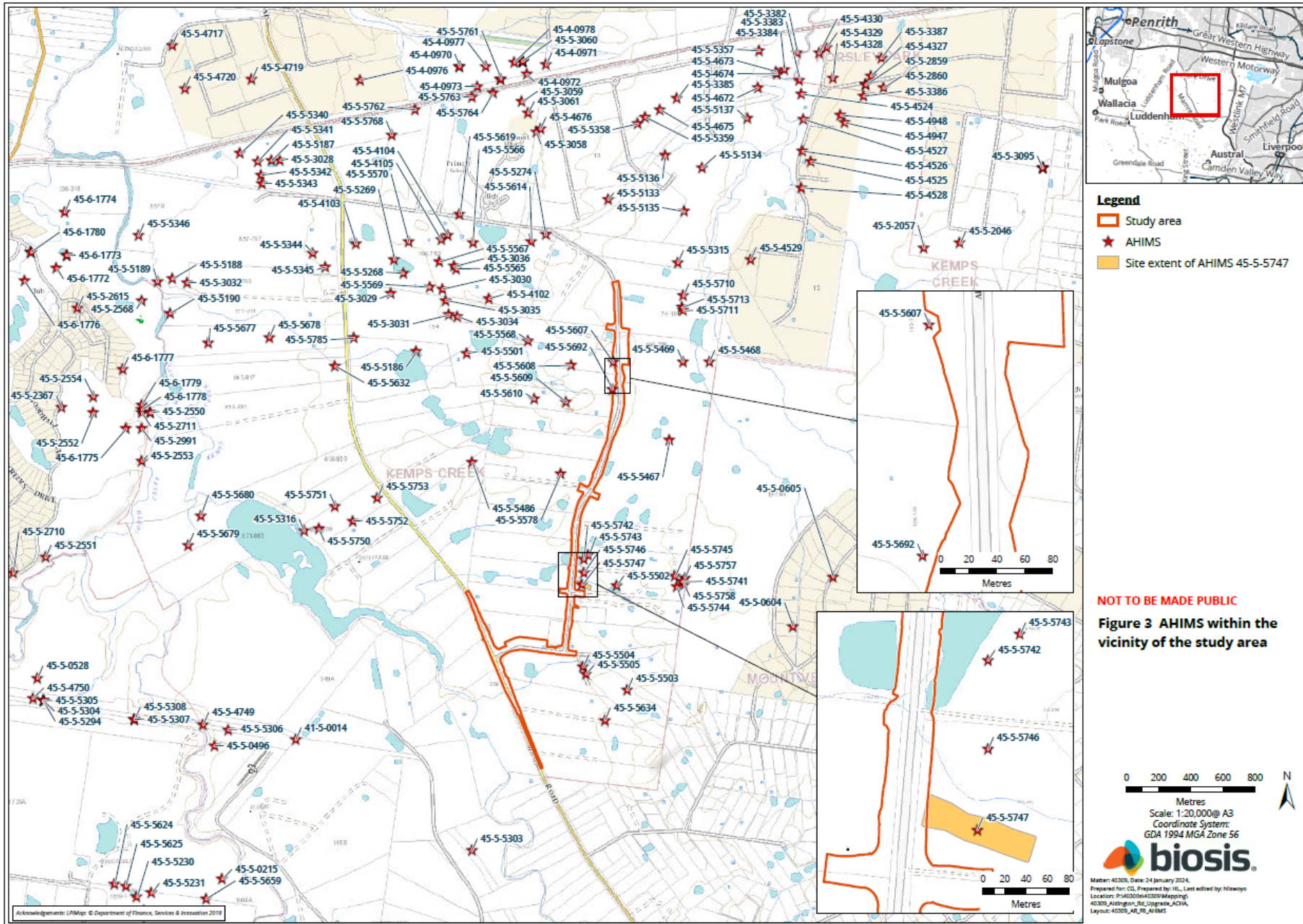


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
 Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade\ACHA
 Layout: 40309_AR_FT_Locality







Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

Culturally sensitive material

Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public, then RAPs should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

- For each test pit that is excavated, the following documentation will be taken:
 - Unique test pit identification number.
 - GPS coordinate of each test pit.
 - Munsell soil colour and texture.
 - Amount and location of cultural material within the deposit.
 - Nature of disturbance where present.
 - Stratigraphy.
 - Archaeological features (if present).
 - Photographic records.
 - Spit records.
- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

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Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

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15 February 2024

Bo Field
Yurrandaali
6 MacGibbon Parade, Old Erowal Bay NSW 2540

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Bronte Baonza

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A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

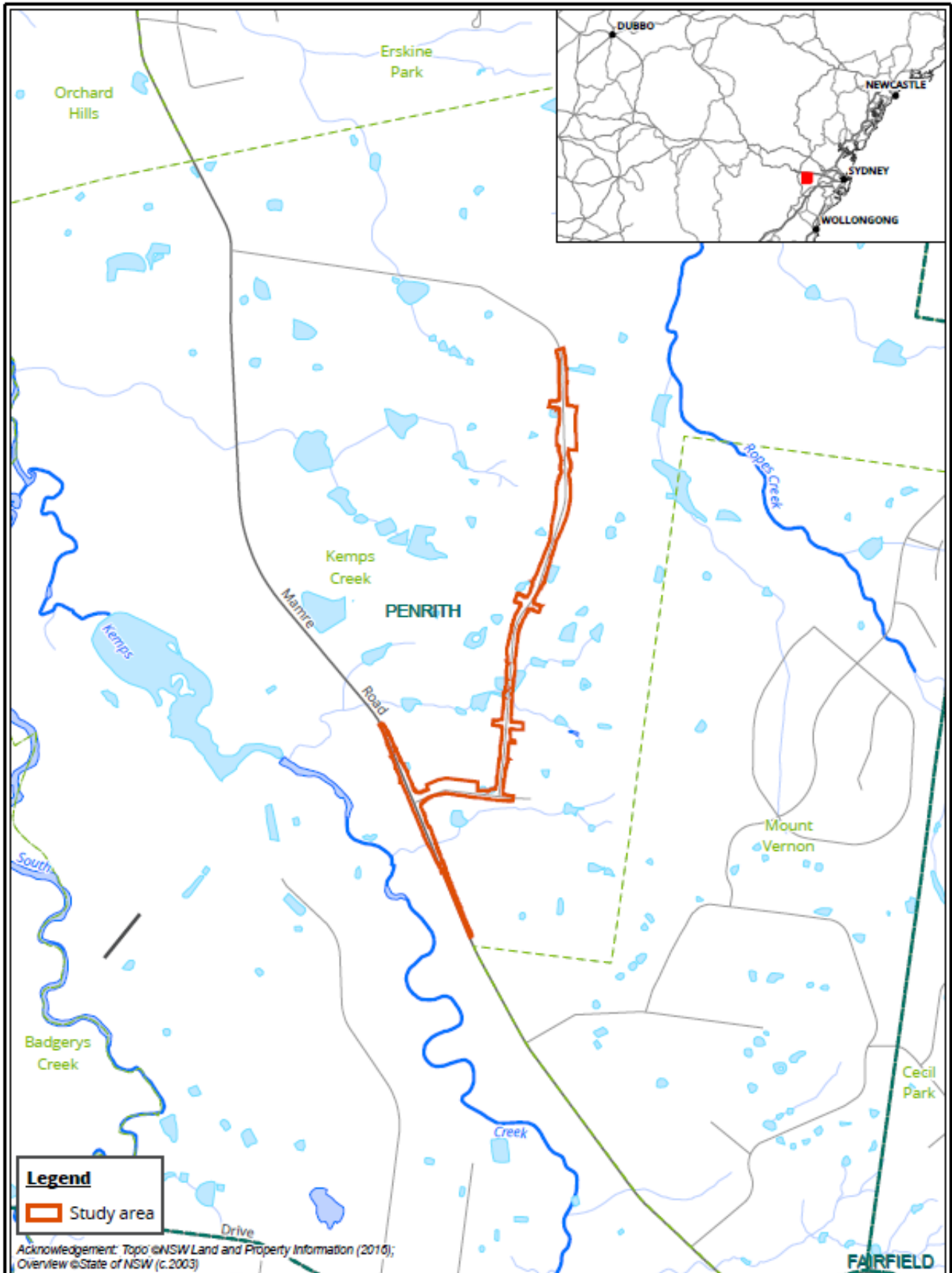
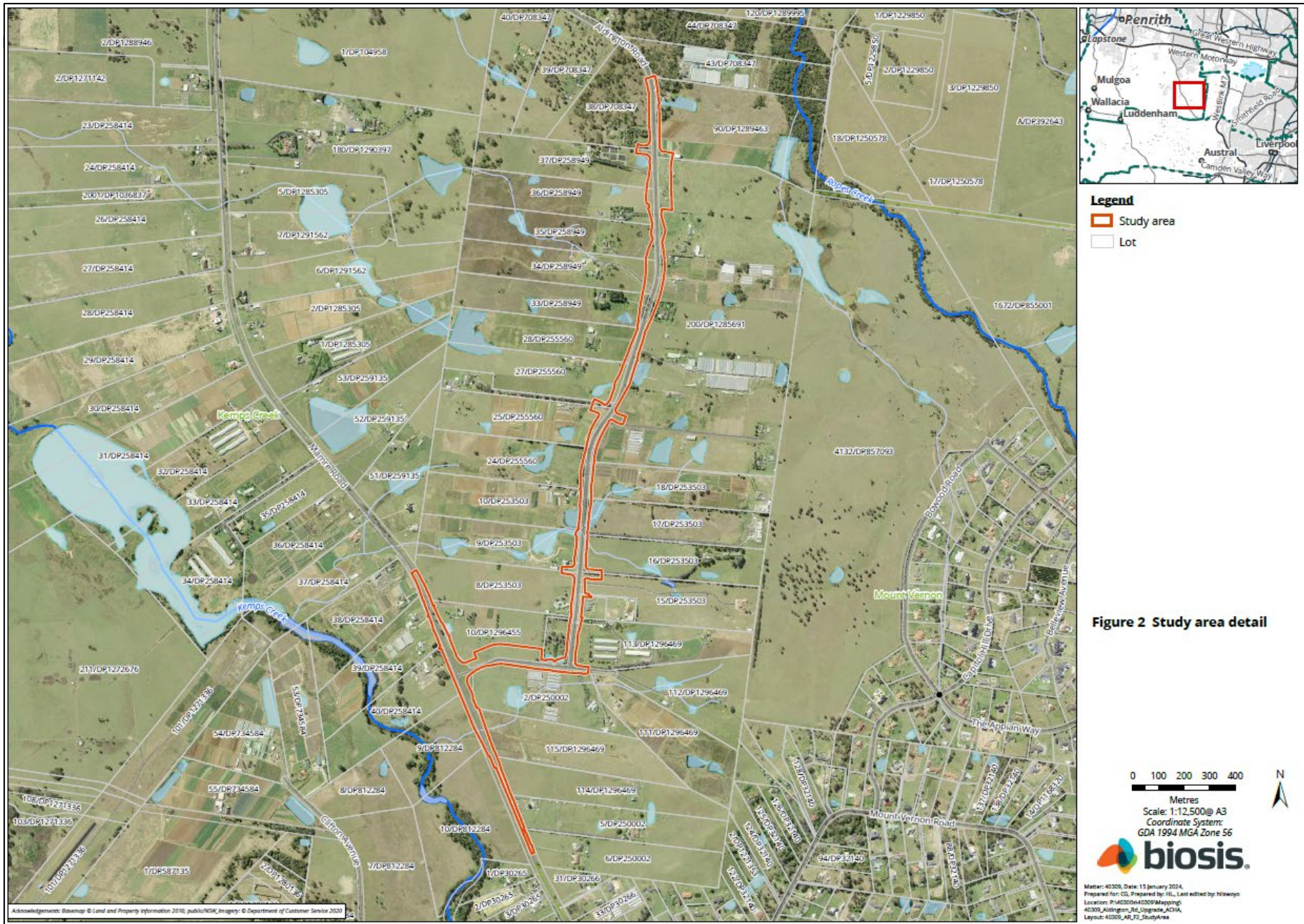
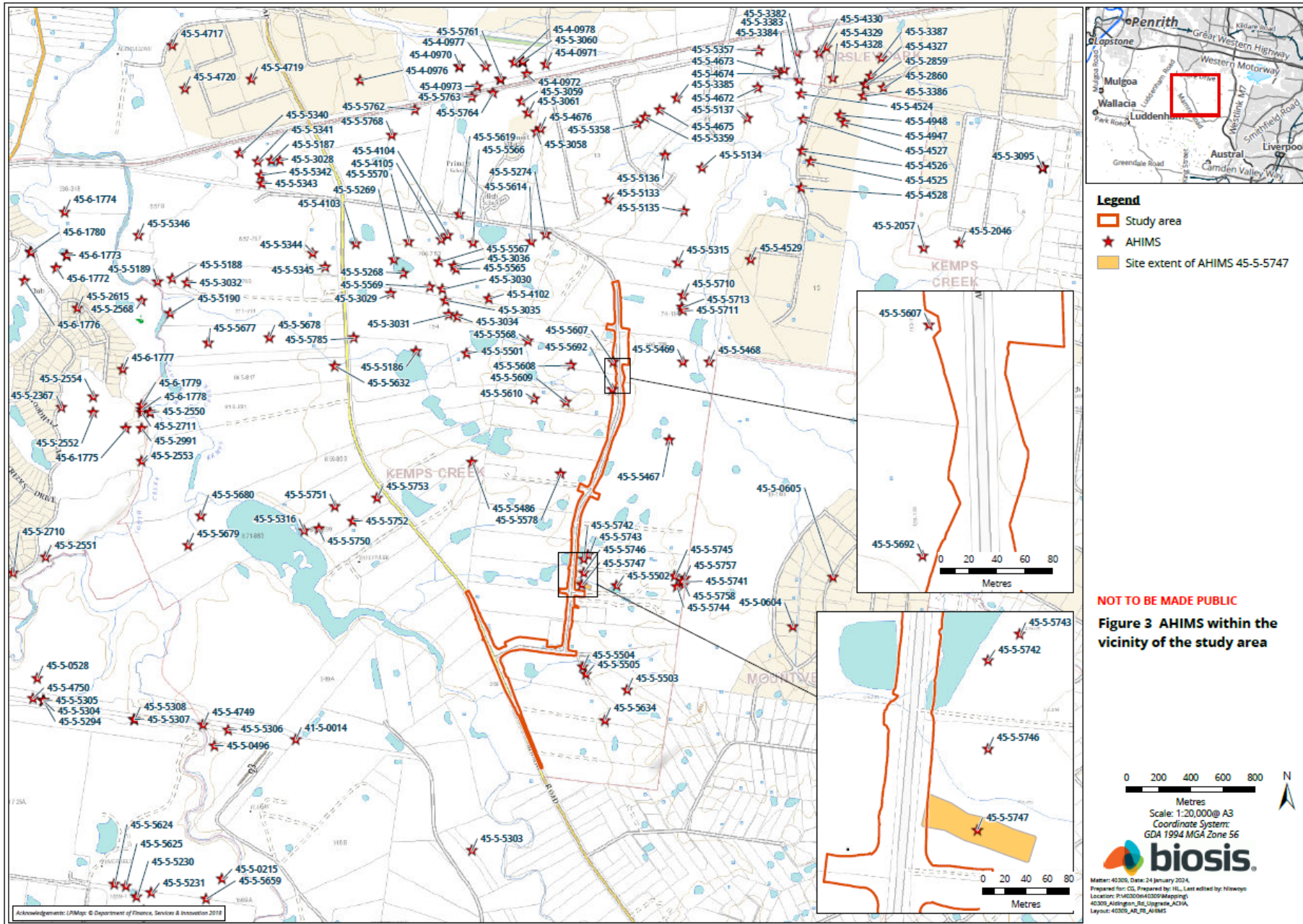


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
 Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade\ACHA
 Layout: 40309_AR_FT_Locality

0 200 400 600 800 1,000
 Metres
 Scale 1:25,000@ A4, GDA 1994 MGA Zone 56





Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

Culturally sensitive material

Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public, then RAPs should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

- For each test pit that is excavated, the following documentation will be taken:
 - Unique test pit identification number.
 - GPS coordinate of each test pit.
 - Munsell soil colour and texture.
 - Amount and location of cultural material within the deposit.
 - Nature of disturbance where present.
 - Stratigraphy.
 - Archaeological features (if present).
 - Photographic records.
 - Spit records.
- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (14/17–27 Power Avenue, Alexandria, NSW 2015).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

Biosis 2023. *270 Aldington Road, Kemps Creek: Aboriginal Cultural Heritage Assessment*, report for AT&L on behalf of Stockland.

DECCW 2010a. *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, New South Wales Government Department of Environment and Climate Change., Sydney, NSW.

DECCW 2010b. *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW*, Department of Environment and Climate Change, Sydney NSW.

Hazelton PA 1992. *Soil Landscapes of the Kiama 1:00,000 Sheet*, Department of Conservation and Land Management (incorporating the Soil Conservation Service of NSW), Sydney.

JMCHM 2000. *Archaeological Survey for Aboriginal Sites: Proposed Light Industrial Subdivision, 'Austral Site', Mamre Road, Erskine Park, NSW*, Report prepared for Gunninah Environmental Consultants for Austral Brick Company. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005a. *Archaeological Salvage Excavation of Site CG1 (NPWS #45-5-2648), at the corner of Charles and George Streets, Parramatta, NSW*, Report prepared for Meriton Apartments Pty Ltd. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2005b. *Archaeological Salvage Excavation of Site RTA-GI, 109-113 George Street, Parramatta, NSW*, Unpublished Report prepared for Landcom. Jo McDonald Cultural Heritage Management Pty Ltd.

JMCHM 2008. *Austral Land Mamre Road, Erskine Park Archaeological Salvage Excavations*, Report prepared for Macquarie Goodman. Jo McDonald Cultural Heritage Management Pty Ltd.

Nanson, GC & Croke JC 1992. 'A genetic classification of floodplains', *Geomorphology*, 4, 6: 459–486.

OEH 2011. 'Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW', Office of Environment and Heritage, Department of Premier and Cabinet, Sydney NSW.

15 February 2024

Alan Medhurst
Nattai Aboriginal Culture & Heritage Consultation Service

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian

Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,



Bronte Baonza

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

flakes, two medial flakes, one multidirectional core and one manuport. Disturbances observed within the area relate to low intensity agriculture.

The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation is part of the Wianamatta group, and consists of shale, carbonaceous claystone, laminate, lithic sandstone, and rare coal. Artefact scatters are common in this geological unit, as are PADs. The presence of underlying shale deposits suggests that sites commonly found within sandstone formations, such as grinding grooves and rock shelters/rock art, are less likely to be present. Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
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Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

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- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
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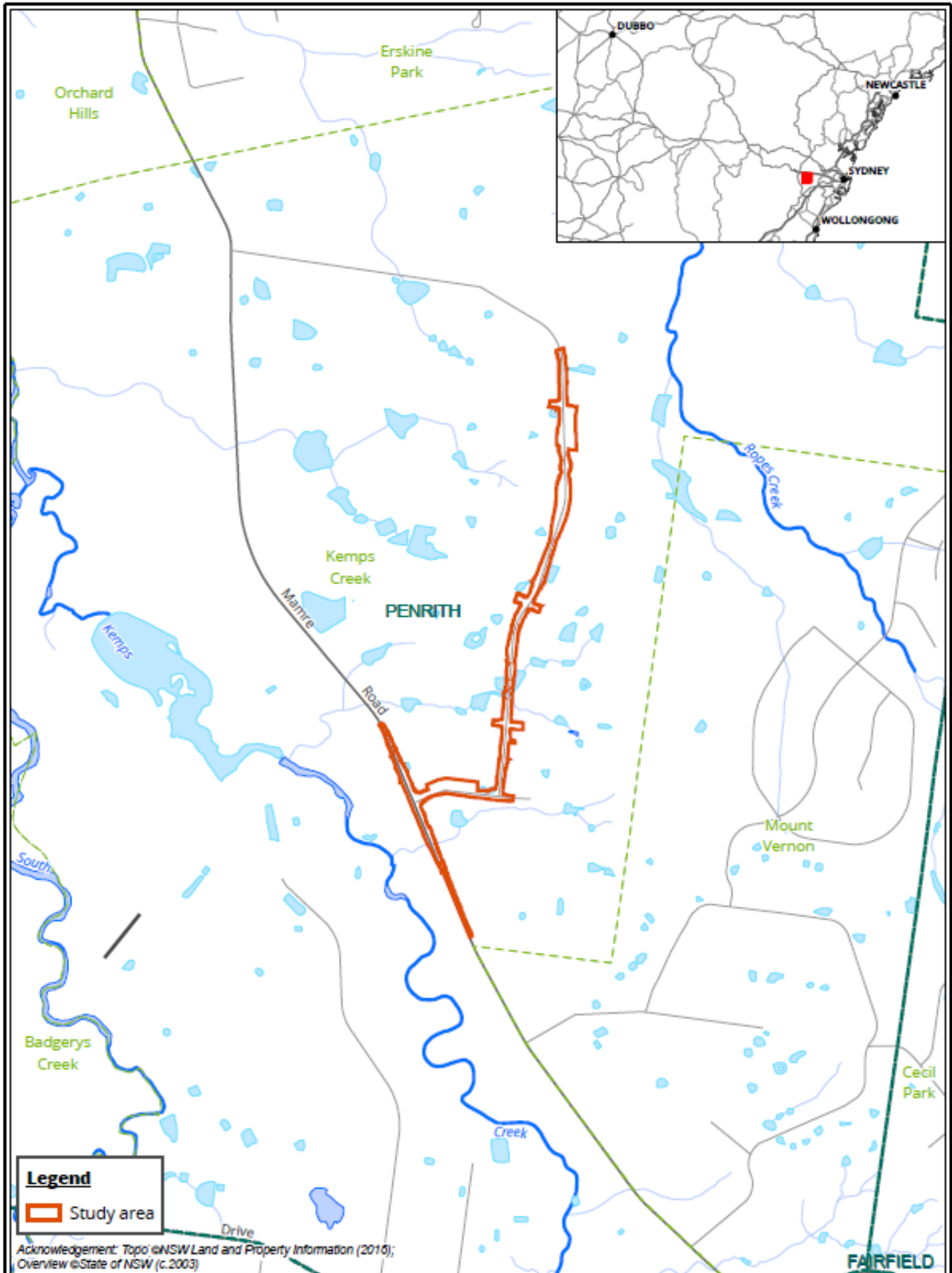
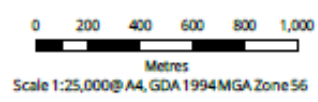
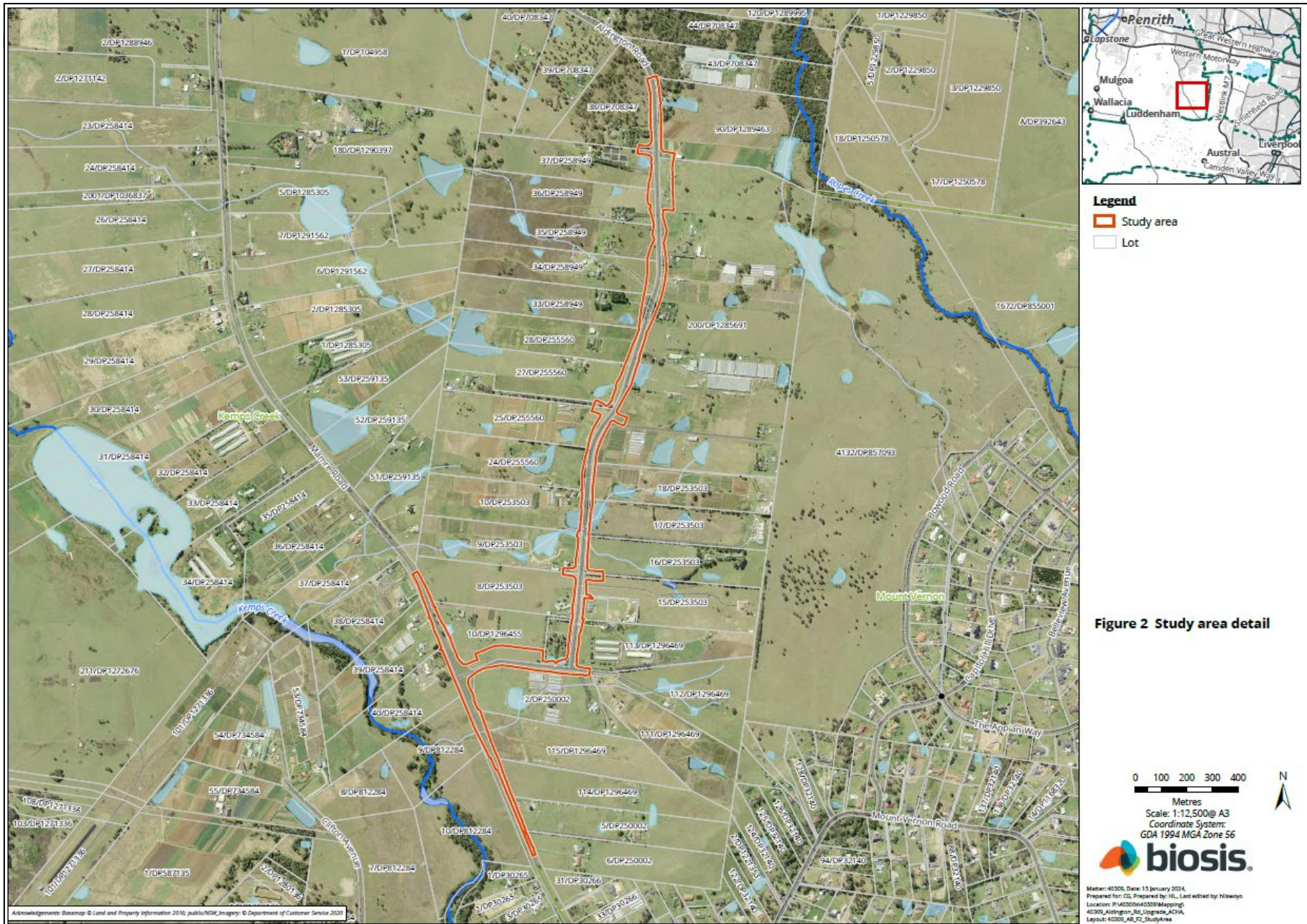
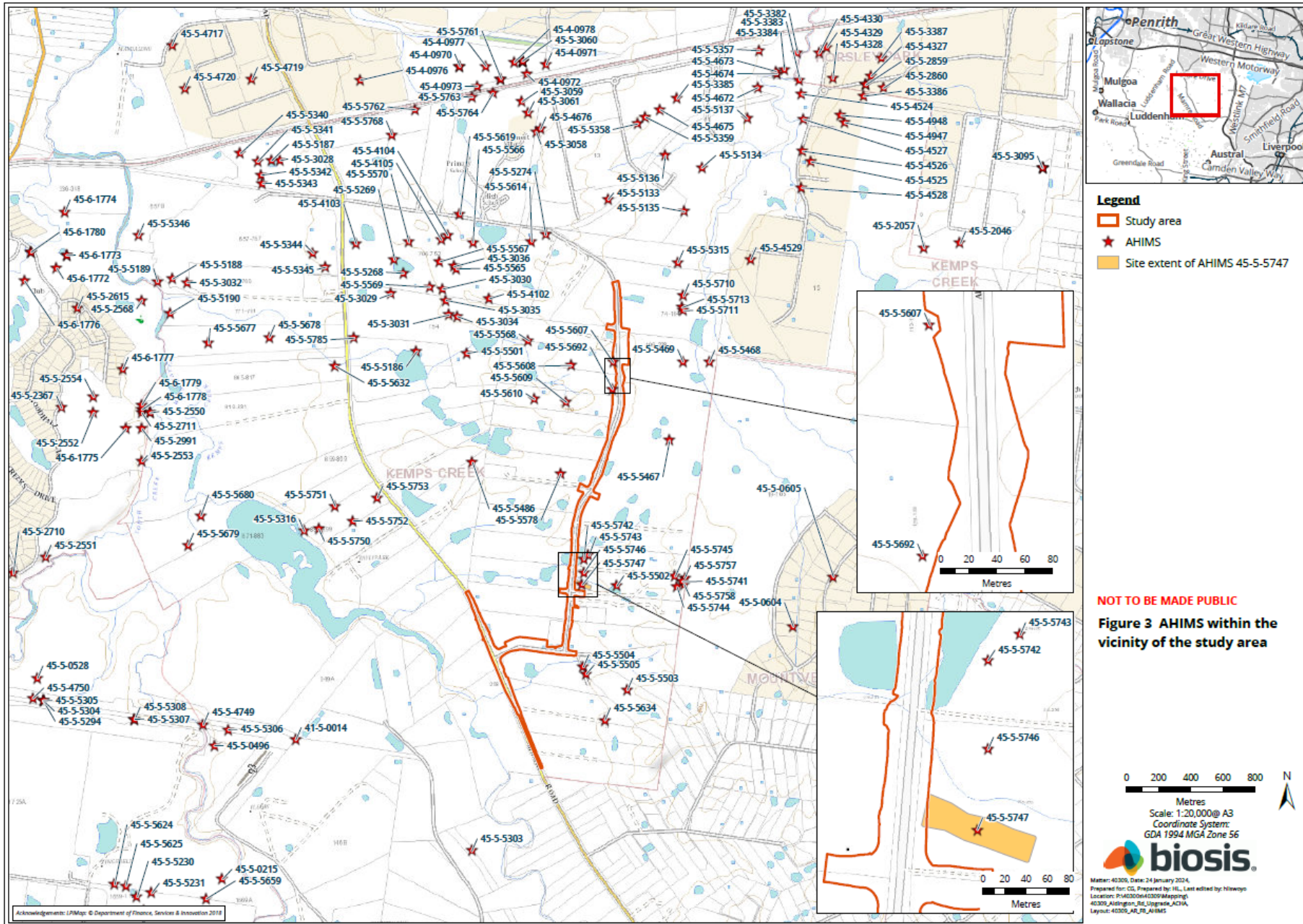


Figure 1 Location of the study area

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Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
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- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

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- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

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Aims

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The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
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- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

Test excavation methodology

If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

- Test excavations will be conducted in 50 by 50 centimetre units.
- The test pits will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 and 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 by 50 centimetre test pit, additional 50 by 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 by 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 by 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m²).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5 millimetre sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.

All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis at 14/17-27 Power Avenue, Alexandria, NSW 2015.

- For each test pit that is excavated, the following documentation will be taken:
 - Unique test pit identification number.
 - GPS coordinate of each test pit.
 - Munsell soil colour and texture.
 - Amount and location of cultural material within the deposit.
 - Nature of disturbance where present.
 - Stratigraphy.
 - Archaeological features (if present).
 - Photographic records.
 - Spit records.
- Test excavation units will be backfilled as soon as practicable.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and Heritage NSW will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

**Enough information is defined by Heritage NSW as meaning “the sample of excavated material clearly and self-evidently demonstrates the deposit’s nature and significance. This may include things like locally or regionally high object density; presence of rare or representative objects; presence of archaeological features; or locally or regionally significant deposits stratified or not.”(DECCW 2010b, p. 28).*

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (14/17–27 Power Avenue, Alexandria, NSW 2015).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the Code.

Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

Reporting

Biosis will prepare an ACHA and AR for the project. The ACHA will document the findings of the assessment and detail the consultation process. The AR will be included as an appendix to the ACHA and will document the desktop assessment, field investigation, and test excavation results.

The main aim of the report is to document the assessment of potential development related impacts to Aboriginal cultural heritage and to formulate strategies to manage these impacts. Reporting will follow the

guidelines of Heritage NSW, in particular the consultation requirements, the Code, and the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011).

The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
- A review and summary of the environmental context of the study area.
- A review and summary of the Aboriginal archaeological context of the study area.
- Archaeological test excavation results.
- Aboriginal site significance assessment.
- Impact assessment.
- Management strategies.
- Maps detailing any Aboriginal sites identified during the assessment process.

The RAPs will be provided with the draft ACHA report and AR, and their comments on the report content sought. Comments on the report's content are to be provided to Biosis by the party's respective nominated spokesperson(s). All comments not provided in writing will be recorded in an informal logbook by Biosis. These comments and responses to these comments will be documented in the final ACHA.

As part of this methodology registered Aboriginal parties will be provided with the draft report for comment and allowed **28 days** for review.

The final report will incorporate all comments and will be forwarded on to RAPs once completed.

References

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16 February 2024

Thomas Dahlstrom
Thomas Dahlstrom Offers ACH value by using 3D Laser and Drone technology
1-122 Glebe Point Road Glebe NSW 2037

Dear **First Name**

Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation

Our Ref: Matter: 40309

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the *Environmental Planning and Assessment Act 1979*.

The purpose of the ACHA is to determine the impacts the proposed development will have on any Aboriginal heritage values present within the study area. The ACHA will also assist AT&L in modifying their plans in order to minimise the impacts the works will have on Aboriginal heritage values.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by **5:00pm on 14 March 2024** either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,

A handwritten signature in black ink that reads "Bronte".

Bronte Baonza

Biosis Pty Ltd
Sydney Resource Group

Unit 14, 17-27 Power Avenue
Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097
ABN 65 006 175 097

Email: sydney@biosis.com.au

biosis.com.au

Stage 2 – Project information

The aim of the stage 2 document is to provide registered Aboriginal parties (RAPs) with information about the scope of the project, and the proposed cultural heritage assessment process, and to seek their feedback on the project.

The project

The project refers to the proposed upgrades to Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road in Kemps Creek. AT&L are now preparing a modification to the approved State Significant Development, which included the design plans for the road upgrades.

Biosis has been engaged by AT&L to undertake the ACHA to support the modification and to inform the proposed works design for the study area. The ACHA will be prepared in accordance with *the Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011). It includes an Archaeological Report (AR) prepared in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010b) (the Code) and consultation with Aboriginal community in accordance with the consultation requirements. The ACHA will inform AT&L of any potential for the project to impact on or expose Aboriginal objects or sites. Biosis will provide recommendations based on the outcomes of the ACHA.

Study area

The study area incorporates Aldington Road, Abbots Road, and the intersection of Mamre Road and Abbots Road, Kemps Creek NSW. It is within the Penrith local government area (LGA) and is approximately 40 kilometers west of the Sydney central business district (Figure 1). The study area encompasses private land adjacent to the road reserves, with the Lots presented in Figure 2.

Background

Biosis conducted two Aboriginal Due Diligence Assessments in April 2023 for Aldington Road, Abbots Road and part of Mamre Road. A search of the Aboriginal Heritage Information Management System (AHIMS) database on the 12 January 2024 (Client Service ID: 854166) identified 100 Aboriginal archaeological sites within a 1.2 by 1.2 kilometre search area, centred on the study area. One of these AHIMS sites were identified within the study area, AHIMS 45-5-5747/270 Aldington Road AS02.

AHIMS 45-5-5747/270 Aldington Road AS02

AHIMS 45-5-5747/270 Aldington Road AS02 is a subsurface, low density artefact scatter that was identified during a program of test excavations conducted by Biosis (2023b). The site is located within a lower slope landform and is partially located in the western portion of the current study area. The site extent of AHIMS 45-5-5747/270 Aldington Road AS02 overlaps the current Biosis study area. It contained 31 lithic artefacts recovered from across the PAD area, of which 25 were silcrete, three were IMT and three were chert. The artefact forms consisted of 15 angular fragments, five distal flakes, four complete flakes, three proximal

flakes, two medial flakes, one multidirectional core and one manuport. Disturbances observed within the area relate to low intensity agriculture.

The background research for the study area identified that there are two non-perennial first order creek lines that cross Aldington Road and one second-order non-perennial creek line that cross Mamre Road and travels across to the south of Abbots Road. These creek lines are tributaries of Kemps Creek, a perennial fourth-order watercourse. Kemps Creek is located approximately 351 metres west of the study area at its closest point. Proximity to a permanent water source is considered a positive indicator for past Aboriginal land use. Stream order is recognised as a factor that assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in predictive modelling for the Sydney region, most notably by Jo McDonald Cultural Heritage Management (JMCHM) (JMCHM 2000, JMCHM 2005a, JMCHM 2005b, JMCHM 2008). These predictive models tend to favour higher order streams as the locations of campsites and therefore archaeological deposits. Larger water sources would have been more likely to provide a stable source of water and by extension other resources which would have been used by Aboriginal groups.

Topographically, the study area features a broad to moderate slope. This landscape is situated on the Bringelly Shale formation and alluvial floodplain deposits. The Bringelly Shale formation is part of the Wianamatta group, and consists of shale, carbonaceous claystone, laminate, lithic sandstone, and rare coal. Artefact scatters are common in this geological unit, as are PADs. The presence of underlying shale deposits suggests that sites commonly found within sandstone formations, such as grinding grooves and rock shelters/rock art, are less likely to be present. Alluvial floodplain deposits consist of alluvium, and this is comprised of gravel, sand, silt, and clay from sandstone and shale that overlies buried estuarine sediments (Hazelton 1992, p. 68). Alluvial floodplains are deposited when flooding breaks through the river bank, with deposited materials varying depending on the energy of the river (Nanson, & Croke 1992).

A field investigation consisting of a pedestrian survey of the study area will be conducted in order to identify any previously unrecorded Aboriginal objects, sites, or areas of potential.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints and limitations
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the <i>Western Weekender</i> on Friday 19 January 2024. Notices sent to identified Aboriginal parties 30 January 2024.
Notices sent to identified Aboriginal parties	30/01/2024	N/A
Aboriginal stakeholder registration period	30/01/2024 to 13/02/2024	Registration period expired on 13 February 2024.
Field investigation	TBC	Subject to RAP availability and site access
Archaeological test excavations (if required)	TBC	TBC

Action	Timeframe	Potential constraints and limitations
Information gathering	Continuous	N/A
Review of draft report	TBC	28 days review time allowed under the consultation guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs will be provided the opportunity to offer input into regulatory processes, contribute to decision making by proponents and government authorities, respond to requests for cultural information and comment on draft reporting, as appropriate. This will be undertaken in accordance with their role specified in section 5 of the consultation requirements.

Biosis and the proponent, in accordance with their role under section 5 of the consultation requirements, will consult with the Aboriginal community by:

- Displaying a meaningful appreciation, understanding and respect for the belief system, spiritual connection and sense of belonging that Aboriginal people have to their land, people and environment, which includes plants, animals, waterways, sacred sites and other places of cultural significance and importance.
- Upholding and respecting the traditional rights, obligations and responsibilities of Aboriginal people who hold cultural knowledge in accordance with traditional lore and custom, particularly as these relate to the cultural business of men and women.
- Encouraging active participation of culturally experienced and appropriate Aboriginal people who hold cultural knowledge in the consultation process.
- Encouraging opportunities for the effective transfer of cultural knowledge from older to younger generations in accordance with traditional lore and custom through the consultation process.
- Have an awareness and understanding of how colonisation has impacted the Aboriginal people of Australia.
- Supply suitable project information and provide the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a).

Each section of the ACHA methodology will be undertaken in consultation with the RAPs for the project. Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

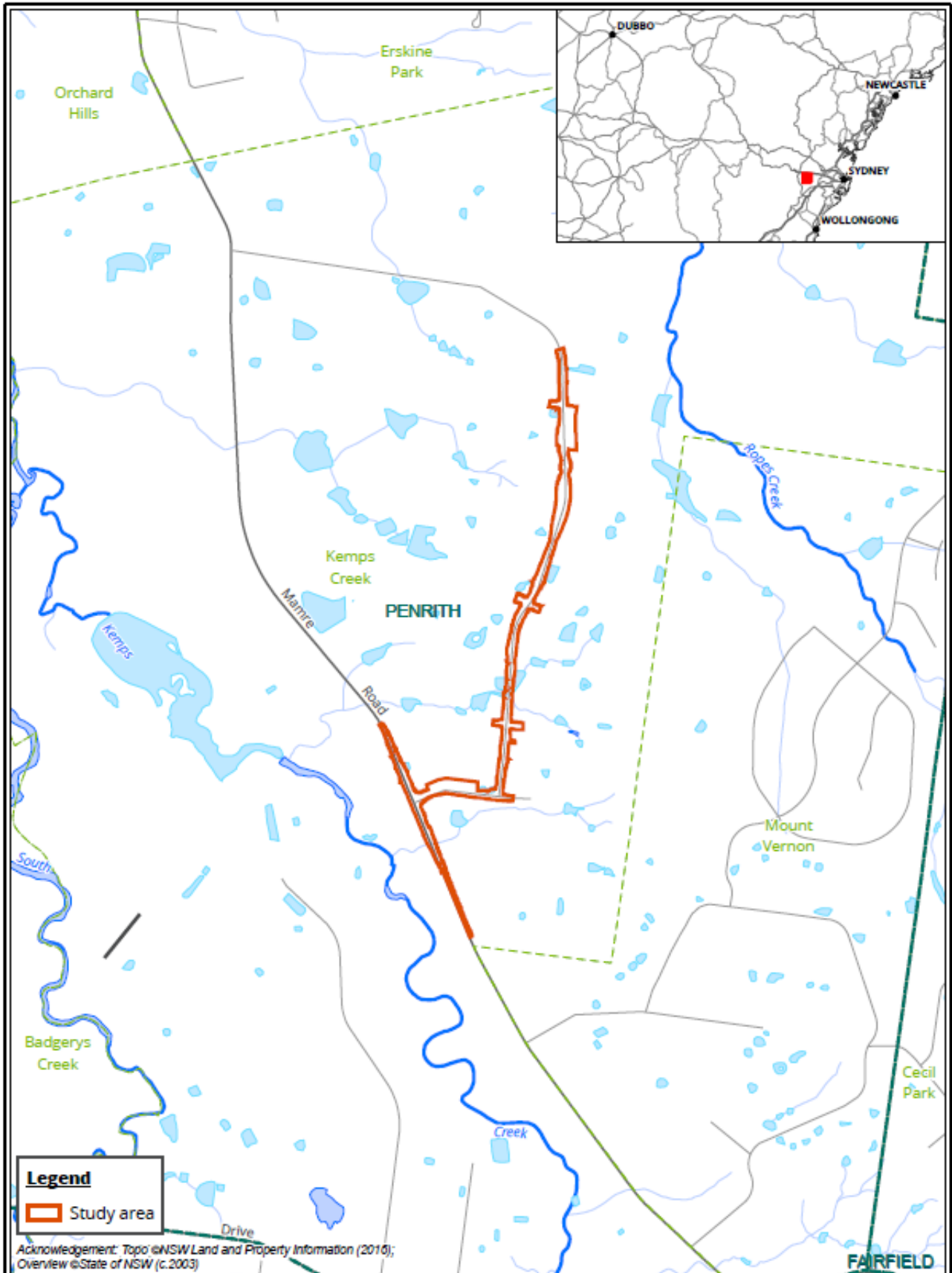
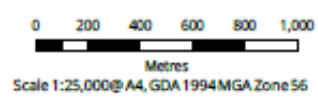
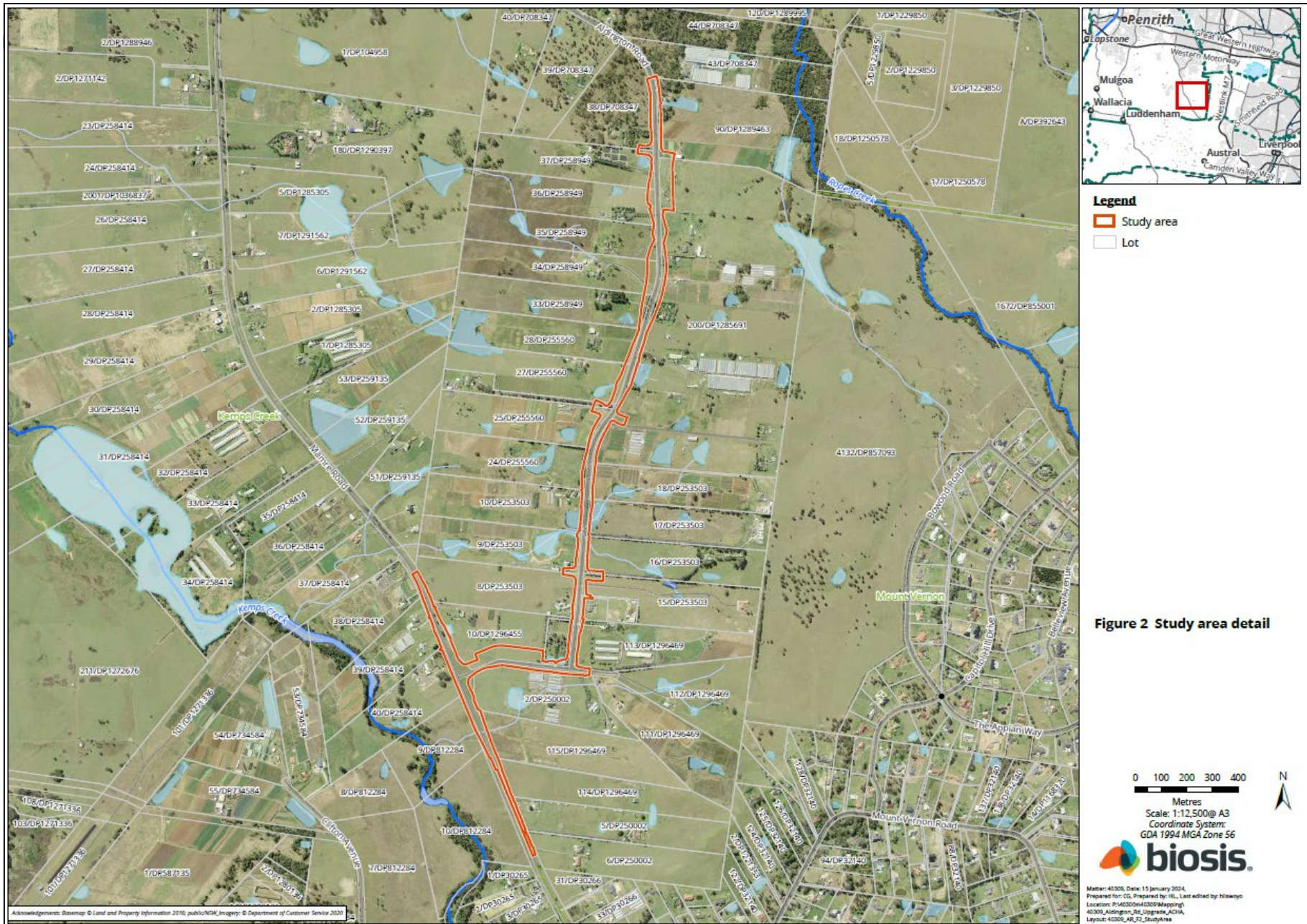


Figure 1 Location of the study area

Matter: 40309, Date: 15 January 2024,
 Prepared for: CG, Prepared by: HL, Last edited by: hiswoyo
 Location: P:\40300s\40309\Mapping\40309_Aldington_Rd_Upgrade\ACHA
 Layout: 40309_AR_FT_Locality





Stage 3 – Gathering information about cultural significance

The aims of stage 3 of the consultation process are to facilitate a process where RAPs for the project can:

- Contribute to culturally appropriate information gathering and the research methodology.
- Provide information that will enable the cultural significance of Aboriginal objects and/or places in the proposed study area to be determined.
- Have input into the development of any cultural heritage management options (DECCW 2010a, p. 12).

The purpose of the stage 3 document below is to provide RAPs with information about the proposed ACHA methodology for the project, including the survey strategy and test excavation (if required) methodology and to seek feedback on the Aboriginal cultural values present within the study area.

The assessment methodology includes the following tasks:

Background research

This task will identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment/study area. The following steps will be undertaken:

- A search of the AHIMS database will be completed to identify registered sites in the vicinity of the assessment/study area. The results of the AHIMS search will be used to obtain relevant site cards and relevant previously completed Aboriginal cultural heritage assessments.
- A review of relevant reports identified through the AHIMS search will be undertaken.
- A review of aerial photographs and other resources to gauge the existing landscape and previous history of land disturbance will be undertaken.
- A review of the historical heritage databases will be undertaken.
- A brief summary of the historical uses of the study area will be developed.

Consultation with the Aboriginal community

This task will provide the Aboriginal community with the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and opportunities to input into management options.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- COMPLETED. Biosis ascertained the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the study area.
- COMPLETED. Aboriginal stakeholders were provided with notification by letter of the project on behalf of Biosis on 30 January 2024, and given the opportunity to be involved in consultation.

- This document outlines the details of the project and proposed archaeological testing methodology. If required. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of 28 days of Biosis providing the methodology document.
- The Draft ACHA report and AR will be provided to all RAPs for comment – the proponent must allow 28 days for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an appendix.

Culturally sensitive material

Biosis invites RAPs to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public, then RAPs should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

Field investigation

An archaeological survey of the study area will be conducted on a future date. If there are areas of moderate and/or high potential identified during the survey and these areas cannot be avoided by the proposed works, further assessment in the form of test excavations will be required.

Recording during the field investigation will follow requirements 5 to 10 of the Code and industry best practice. Information recorded will include:

- Aboriginal objects or sites present in the study area during the investigation.
- Survey coverage.
- Any resources that may potentially have been exploited by Aboriginal people.
- Landforms.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, Identification of natural soil deposits within the study area will be undertaken. Representative photographs of survey units, landform, vegetation coverage, ground surface visibility will be undertaken.

Detailed results of the field investigation will be provided in the draft ACHA report and AR.

Archaeological test excavations (if required)

Any areas of Potential Archaeological Deposit (PAD) identified during the field investigation which cannot be avoided by the construction works, will be subject to archaeological test excavations in line with the Code as outlined below.

Aims

The principle objectives of the test excavations are to identify and understand the nature, extent and significance of any areas of PAD within the study area. This will further our knowledge of Aboriginal archaeological site patterning within the study area and enable the predictive model to be further tested and refined.

The aims of the testing program are to:

- Determine the nature and extent of the sub-surface archaeological deposits in the study area.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, hearths, etc.) recovered during the testing program.
- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.
- Test the predictive model and answer the research questions developed as part of this assessment.

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If test excavations are required within the study area, they will conform to the following methodology in line with Requirement 16 of the Code:

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The ACHA report will contain:

- Details of the Aboriginal consultation process undertaken as part of the assessment.
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From: [Crystal Garabedian](#)
To: ngunduwaa@live.com.au
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:30 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](#)
To: yurraandaali_cs@hotmail.com
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:27 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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Biosis Pty Ltd: 14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](#)
To: ["yulayculturalservices@gmail.com"](mailto:yulayculturalservices@gmail.com)
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:25 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

Good afternoon,

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the Environmental Planning and Assessment Act 1979.

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cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](#)
To: ["wokacorp@yahoo.com"](mailto:wokacorp@yahoo.com)
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:24 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

Good afternoon,

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Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](#)
To: ["Widescope.group@live.com"](mailto:Widescope.group@live.com)
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:23 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

Good afternoon,

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Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](#)
To: ["kellingoogieboney@gmail.com"](mailto:kellingoogieboney@gmail.com)
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:22 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](#)
To: ["waarlan12@outlook.com"](mailto:waarlan12@outlook.com)
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:21 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](#)
To: ["Waawaar.awaa@gmail.com"](mailto:Waawaar.awaa@gmail.com)
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:20 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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Crystal Garabedian

From: [Crystal Garabedian](#)
To: ["pearl-depoma@hotmail.com"](mailto:pearl-depoma@hotmail.com)
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:19 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](#)
To: ["ninum_group@outlook.com"](mailto:ninum_group@outlook.com)
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:18 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](mailto:Crystal.Garabedian@biosis.com.au)
To: ["muragadi@yahoo.com.au"](mailto:muragadi@yahoo.com.au)
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:17 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](#)
To: Ethan3trewlynn@gmail.com
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:16 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](#)
To: konanggo_consultancy@hotmail.com
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:15 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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Crystal Garabedian

From: [Crystal Garabedian](#)
To: philipkhan.acn@live.com.au
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:14 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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From: [Crystal Garabedian](mailto:Crystal.Garabedian@biosis.com.au)
To: wenlissa01@hotmail.com
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:13 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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From: [Crystal Garabedian](#)
To: bunjil.smith@gmail.com
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:12 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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From: [Crystal Garabedian](#)
To: goobahchts@gmail.com
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:11 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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Crystal Garabedian

From: [Crystal Garabedian](#)
To: didgengunawalclan@yahoo.com.au
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:10 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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From: [Crystal Garabedian](#)
To: srandall@deerubbin.org.au
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:09 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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From: [Crystal Garabedian](#)
To: damomorrison781@gmail.com
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:08 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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Crystal Garabedian

From: [Crystal Garabedian](#)
To: corroboreecorp@outlook.com
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:07 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

Good afternoon,

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It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by 5:00pm on 14 March 2024 either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17–27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](mailto:Crystal.Garabedian@biosis.com.au)
To: butuheritage@gmail.com
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:07 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

Good afternoon,

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the Environmental Planning and Assessment Act 1979.

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cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](mailto:Crystal.Garabedian@biosis.com.au)
To: wtrewlynn@hotmail.com
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:06 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

Good afternoon,

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cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](#)
To: barrabyculturalservices@gmail.com
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:05 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](#)
To: ["baryan.culturalconnections@gmail.com"](mailto:baryan.culturalconnections@gmail.com)
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:03 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](#)
To: ["amandahickey@live.com.au"](mailto:amandahickey@live.com.au)
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:02 AM
Attachments: [40309.Stage2.3.Sent.pdf](#)

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cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

From: [Crystal Garabedian](#)
To: cazadirect@live.com
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Thursday, 15 February 2024 11:23:01 AM
Attachments: [image764042.png](#)
[image533277.png](#)
[image463634.png](#)
[image517572.png](#)
[image850476.png](#)
[40309.Stage2.3.Sent.pdf](#)

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cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

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☎ (02) 9101 8727
✉ CGarabedian@biosis.com.au
🌐 www.biosis.com.au



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From: [Crystal Garabedian](#)
To: gamila_roi@yahoo.com.au
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Friday, 16 February 2024 10:50:22 AM
Attachments: [image942911.png](#)
[image181578.png](#)
[image909410.png](#)
[image927639.png](#)
[image725378.png](#)
[40309.Stage2.3.Sent.pdf](#)

Good morning Thomas,

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the Environmental Planning and Assessment Act 1979.

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Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

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Yours sincerely,
Crystal

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

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Molly Crissell

From: Carolyn .H <cazadirect@live.com>
Sent: Monday, 26 February 2024 4:22 PM
To: Crystal Garabedian
Subject: Re: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3
Aboriginal Community Consultation (40309)
Attachments: A1.WC.2025.pdf; A1.PL.2025.pdf



INDIGENOUS SERVICES

Contact: Carolyn Hickey
Mobile: 0411650057
Email: Cazadirect@live.com
Address: 10 Marie Pitt Place, Glenmore Park, NSW 2745
ABN: : 20 616 970 327

Hi Crystal,
I have reviewed the document and support the Information and Methodology.
I would like to be included in any Meetings or field work.

I have attached A1 Indigenous Services Insurances.

[A1 INDIGENOUS SERVICES PTY LTD Represents over 100 Indigenous Locals](#)

When Selecting Groups for Engagement:

Please consider that **A1 INDIGENOUS SERVICES** is a member of the **NSW INDIGENOUS CHAMBER OF COMMERCE**.

We carry the NSWICC Assured logo showing that **A1 Indigenous Services** has met National Policy requirements as upheld by the First Australians Chamber of Commerce and Industry (FACCI) for being identified as a **100% First Nations Owned Indigenous Business** That has demonstrate compliance with Government and Industry Regulators.

Kind Regards
Carolyn Hickey

[A1 INDIGENOUS SERVICES is now a member of the NSW INDIGENOUS CHAMBER OF COMMERCE](#)

A business or enterprise carrying the NSWICC Assured logo has met National Policy requirements as upheld by the First Australians Chamber of Commerce and Industry (FACCI) for being identified as a First Nations Business Owner or Entrepreneur and the business must demonstrate compliance with Government and Industry Regulators.

(Certificate attached) A certificate confirms that the Enterprise listed above has met all requirements of the NSWICC's Assured Program , operating as a100% Aboriginal Owned, Operated and Controlled Business. The NSW Indigenous Chamber of Commerce (NSWICC) is the Peak body for Aboriginal Business in New South Wales and a member of the [First Australians Chamber of Commerce and Industry \(FACCI\)](#)

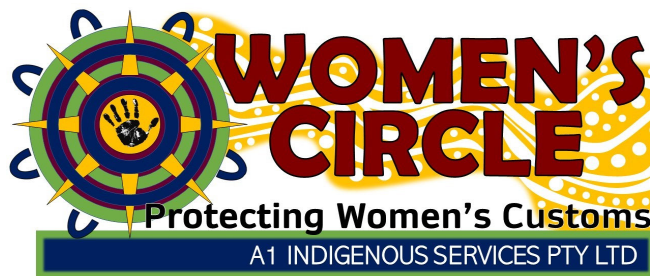
A1 Indigenous Services is 100%, Indigenous Owned Australian Company

which offers a range of services to the construction industry.

It is our mission to commit to an innovative approach to a better future for Indigenous employment and community.

While improving ways to close the gap in Aboriginal participation in the construction Industry.

Building strength in aboriginal communities and our Indigenous labour force.



From: Crystal Garabedian <CGarabedian@biosis.com.au>

Sent: Thursday, 15 February 2024 11:23 AM

To: cazadirect@live.com <cazadirect@live.com>

Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemp Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)

Good afternoon,

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the Environmental Planning and Assessment Act 1979.

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Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

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✉ CGarabedian@biosis.com.au
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Molly Crissell

From: Amanda De Zwart <amandahickey@live.com.au>
Sent: Tuesday, 20 February 2024 12:23 PM
To: Crystal Garabedian
Subject: Re: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)

Hi Crystal

Thank you so much for your email AHCS supports the project information and methodology..
Looking forward to working on this project.
If you need anything else please don't hesitate to contact me
Have a great day
Amanda Hickey AHCS

Get [Outlook for Android](#)

From: Crystal Garabedian <CGarabedian@biosis.com.au>
Sent: Thursday, February 15, 2024 11:23:02 AM
To: amandahickey@live.com.au <amandahickey@live.com.au>
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)

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Yours sincerely,
Crystal Garabedian

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Molly Crissell

From: Arika J <yulayculturalservices@gmail.com>
Sent: Sunday, 18 February 2024 7:12 AM
To: Crystal Garabedian
Subject: Re: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)

Dear Crystal,

On behalf of Yulay cultural service's I have reviewed and agree with the methodology for this project and would like to be given the opportunity to be part of the survey and test excavations for this project.

Kind regards

Arika Jalomaki

On Thu, 15 Feb 2024 at 11:23 am, Crystal Garabedian <CGarabedian@biosis.com.au> wrote:

Good afternoon,

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cgarabedian@biosis.com.au

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Yours sincerely,
Crystal Garabedian

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Molly Crissell

From: Kayelene Terry <baryian.culturalconnections@gmail.com>
Sent: Monday, 26 February 2024 4:16 PM
To: Crystal Garabedian
Subject: Re: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)

On behalf of Bariyan Cultural Connections we have read and agree with the project information and assessment methodology and would like to be involved in any future meetings and field work.

On Thu, Feb 15, 2024 at 11:23 AM Crystal Garabedian <CGarabedian@biosis.com.au> wrote:

Good afternoon,

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Yours sincerely,
Crystal Garabedian

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

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--

Kind Regards
Kayelene Terry - Manager
Bariyan Cultural Connections
Dharug Country
P: 0421 881 617
E: bariyan.culturalconnections@gmail.com
Aboriginal Owned and Operated Cultural and Heritage Business

We would like to acknowledge the traditional Custodians of Country which we live and work, we recognize their continuing connection to the land, waters and culture. We would like to pay our respects to our Elders past, present and extend to all that we may meet on our journey.



Molly Crissell

From: Basil Smith <bunjil.smith@gmail.com>
Sent: Friday, 16 February 2024 12:34 PM
To: Crystal Garabedian
Subject: Re: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)

Thank you for the information, we have no comment at this stage.

On Thu, Feb 15, 2024 at 11:23 AM Crystal Garabedian <CGarabedian@biosis.com.au> wrote:

Good afternoon,

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the Environmental Planning and Assessment Act 1979.

The following project information and assessment methodology has been provided in accordance with section 4.2 and section 4.3 of the Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010 (DECCW 2010a) (consultation requirements). The aim of this letter is to provide you with information about the project, and the proposed ACHA process and to seek your feedback to inform the ACHA.

It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by 5:00pm on 14 March 2024 either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,
Crystal Garabedian

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

📞 0456 625 253
☎ (02) 9101 8727
✉ CGarabedian@biosis.com.au
🌐 www.biosis.com.au



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be the views of Biosis Pty Ltd. Biosis Pty Ltd does not represent that this email is free of errors, viruses or interference. When using email to communicate with Biosis Pty Ltd personnel is strictly limited and controlled.

Molly Crissell

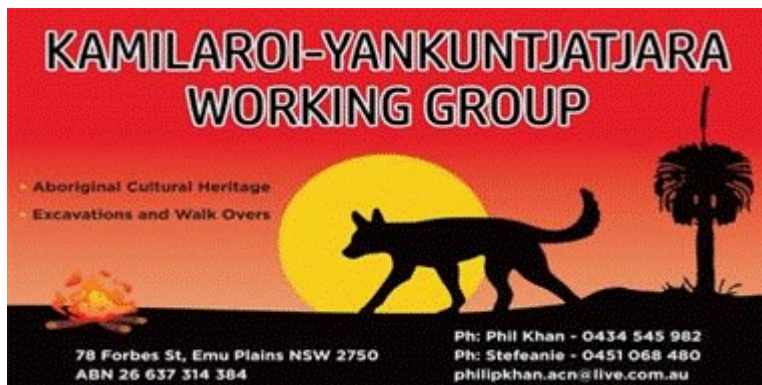
From: Phil Khan <philipkhan.acn@live.com.au>
Sent: Monday, 11 March 2024 3:24 PM
To: Crystal Garabedian
Subject: RE: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)

Hi Crystal,

Thank you for your ACHA Stage 2&3 for Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek. The study area is highly significant to our people for tens of thousands of years our people have cared for country and we continue to do so. With the vast ecosystems that make up the environment, that's rich with flora and fauna allowing Aboriginal people to thrive, with rich water ways that were utilised for daily activities. For this reason we would like to agree and support your methodology to investigate further. We look forward to working alongside you on this project.

We would like to express our interest to take part in the fieldwork.

Kind Regards
Phil Khan – Director
P 0434545982
E philipkhan.acn@live.com.au
ABN 26 637 314 384



Sent from [Mail](#) for Windows

From: Crystal Garabedian <CGarabedian@biosis.com.au>
Sent: Thursday, February 15, 2024 11:23:14 AM
To: philipkhan.acn@live.com.au <philipkhan.acn@live.com.au>
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)

Good afternoon,

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Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,
Crystal Garabedian

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

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Molly Crissell

From: Ethan Trewlynn <ethan3trewlynn@gmail.com>
Sent: Thursday, 15 February 2024 11:30 AM
To: Crystal Garabedian
Subject: Re: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)

Good morning/afternoon Crystal,
Ethan Trewlynn of Long Gully Cultural Services.
I support the methodology for this project as it's up to standards to the protocols.
Thanks for the email Crystal and I hope you have a lovely day.

Kind regards,
Ethan Trewlynn of Long Gully Cultural Services.

On Thursday 15 February 2024, Crystal Garabedian <CGarabedian@biosis.com.au> wrote:
Good afternoon,

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the Environmental Planning and Assessment Act 1979.

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Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/[17-27 Power Avenue, Alexandria](https://www.biosis.com.au)
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,
Crystal Garabedian
Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

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☎ (02) 9101 8727
✉ CGarabedian@biosis.com.au
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Nattai Aboriginal Culture & Heritage Consultation Service.

Date: 11/03/2024.

To, Crystal Garabedian,

Biosis Pty Ltd: 14/17–27 Power Avenue, Alexandria

cgarabedian@biosis.com.au

RE: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 and 3

Aboriginal Community Consultation.

Hi Crystal,

Thank you (Biosis) for providing the opportunity to make comment on the Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek: Stage 2 & 3 Aboriginal Community Consultation. After reading through the proposed project information and methodology report, including the AHIMS information. I am satisfied with the content of the report with regards to the methodology indicated. With regards to contributing Culturally appropriate information the subject area is to my knowledge Cabrogal country a clan of the Darug people.

Once again, thank you for the opportunity to make comment on your report. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Alan Medhurst.

Nattai Aboriginal Culture & Heritage Consultation Service.

ABN: 13 893 884 094

Ph: 0452 106 830.

Email: ngunduwaa@live.com.au

Molly Crissell

From: Alan Medhurst <ngunduwaa@live.com.au>
Sent: Monday, 11 March 2024 9:31 AM
To: Crystal Garabedian
Subject: Aldington, Abbots & Mamre Road Upgrade Works, Kemps Creek Aboriginal Community Consultation.
Attachments: Biosis, Kemps Creek Aboriginal Consultation..pdf

Hi Crystal,

Please find in the attachments Nattai Aboriginal Culture & Heritage Consultation Service response to the Aldington, Abbots & Mamre Road Upgrade Works, Kemps Creek Aboriginal Community Consultation.

If you require further information, please do not hesitate to contact me.

Kind Regards,

Alan Medhurst,

Nattai Aboriginal Culture & Heritage
Consultation Service.

ABN: 13 893 884 094.

Ph: 0452 106 830.

Email: ngunduwaa@live.com.au

"Acknowledging our Elders Past & Present"

Molly Crissell

From: Pearl Depoma <pearl-depoma@hotmail.com>
Sent: Thursday, 15 February 2024 2:15 PM
To: Crystal Garabedian
Subject: Re: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3
Aboriginal Community Consultation (40309)

Hello Crystal,

Thank you for your email.

I have read and reviewed the project information and methodology attached for the Aldington, Abbots and Mamre Road Upgrade Works, at Kemps Creek.

At this stage I do not wish to add any further comments.

I do look forward to working with yourself and Biosis in 2024.

Enjoy your day.

Thank you.

Regards

Pearl Depoma
M: 0404 158 006
E: pearl-depoma@hotmail.com

Proud Kamilaroi and Torres Strait Islander Women.

I acknowledge the traditional custodians of country and recognise their continuing connection to land, waters, and community on which I am grateful to live, work and visit. I pay my respects to them, their cultures, and traditions. I honor our Elders both past and present and encourage our future generations to strive.

It always was and always will be, Aboriginal land. Our Ancestors live on, within us.

The content of this email and its attachments are confidential and intended solely for the use of the individual or entity to which they are addressed. If this email is not for you, please advise and delete as soon as possible. Thank you.

Please consider the environment before printing this email.

On 15 Feb 2024 11:23 am, Crystal Garabedian <CGarabedian@biosis.com.au> wrote:

Good afternoon,

Thank you for registering your interest in the Aldington, Abbots and Mamre Road Upgrade Project. Biosis Pty Ltd (Biosis) is currently undertaking an Aboriginal Cultural Heritage Assessment (ACHA) for AT&L to for the proposed upgrades to Aldington Road, Abbots Road and part of Mamre Road at Kemps Creek, within the Penrith Local Government Area, New South Wales (NSW) (the project). The project is to be assessed as a State Significant Development under Part 4.36 of the Environmental Planning and Assessment Act 1979.

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It would be appreciated if you would provide feedback on the project information and methodology presented in this letter to Biosis by 5:00pm on 14 March 2024 either by email, phone or return mail.

Please address feedback to:

Crystal Garabedian
Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,
Crystal Garabedian

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

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 (02) 9101 8727
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 www.biosis.com.au



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From: [Wendy Morgan](#)
To: [Crystal Garabedian](#)
Subject: RE: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)
Date: Monday, 11 March 2024 4:56:13 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

Hi Crystal,

Guntawang and supports and agrees with the ACHA for Aldington, Abbots and Mamre Rd upgrade works, Kemps Creek.

Kind regards

Wendy Morgan
CEO GARI
0414 964 657

From: Crystal Garabedian <CGarabedian@biosis.com.au>
Sent: Thursday, February 15, 2024 11:23 AM
To: wenlissa01@hotmail.com
Subject: Aldington, Abbots and Mamre Road Upgrade Works, Kemps Creek ACHA: Stage 2 and 3 Aboriginal Community Consultation (40309)

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Biosis Pty Ltd: 14/17-27 Power Avenue, Alexandria
cgarabedian@biosis.com.au

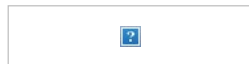
Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Yours sincerely,

Crystal Garabedian

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

0456 625 253
 (02) 9101 8727
 CGarabedian@biosis.com.au
 www.biosis.com.au



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We pay our respects to the Traditional Custodians and Elders past, present and future, and honour their connection to the land and ongoing contribution to society.

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Appendix 4 Stage 4: Review of draft cultural heritage assessment report

Crystal Garabedian

From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:08 PM
To: bariyan.culturalconnections@gmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

Good afternoon,

Following on from your registration in the Aldington Road, Kemps Creek, New South Wales Aboriginal Cultural Heritage Assessment (ACHA). You can follow the link below to access the draft ACHA and Archaeological Report (AR):

<https://spaces.hightail.com/space/IOq80T88Ww>

Please provide any feedback on the ACHA and AR before 5:00 pm Monday 13 May 2024.

Please do not hesitate to contact me if you require additional information or have any issues accessing the draft reports.

Kind regards,
Crystal Garabedian

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

☎ 0456 625 253
✉ CGarabedian@biosis.com.au
🌐 www.biosis.com.au



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Crystal Garabedian

From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:08 PM
To: amandahickey@live.com.au
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

Good afternoon,

Following on from your registration in the Aldington Road, Kemps Creek, New South Wales Aboriginal Cultural Heritage Assessment (ACHA). You can follow the link below to access the draft ACHA and Archaeological Report (AR):

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Kind regards,
Crystal Garabedian

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

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Crystal Garabedian

From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:08 PM
To: barrabyculturalservices@gmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

Good afternoon,

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Kind regards,
Crystal Garabedian

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

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Crystal Garabedian

From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:08 PM
To: wtrewlynn@hotmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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Crystal Garabedian

From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:08 PM
To: butuheritage@gmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

Good afternoon,

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Crystal Garabedian

From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:08 PM
To: damomorrison781@gmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

Good afternoon,

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Kind regards,
Crystal Garabedian

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

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Crystal Garabedian

From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:08 PM
To: srandall@deerubbin.org.au
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

Good afternoon,

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Crystal Garabedian

From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:08 PM
To: didgengunawalclan@yahoo.com.au
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

Good afternoon,

Following on from your registration in the Aldington Road, Kemps Creek, New South Wales Aboriginal Cultural Heritage Assessment (ACHA). You can follow the link below to access the draft ACHA and Archaeological Report (AR):

<https://spaces.hightail.com/space/IOq80T88Ww>

Please provide any feedback on the ACHA and AR before 5:00 pm Monday 13 May 2024.

Please do not hesitate to contact me if you require additional information or have any issues accessing the draft reports.

Kind regards,
Crystal Garabedian

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

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Crystal Garabedian

From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:09 PM
To: goobahchts@gmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:09 PM
To: bunjil.smith@gmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:09 PM
To: wenlissa01@hotmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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From: Crystal Garabedian
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To: philipkhan.acn@live.com.au
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:09 PM
To: konanggo_consultancy@hotmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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Crystal Garabedian

From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:09 PM
To: Ethan3trewlynn@gmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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Crystal Garabedian

From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:09 PM
To: muragadi@yahoo.com.au
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:09 PM
To: ninnum_group@outlook.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:10 PM
To: pearl-depoma@hotmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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Crystal Garabedian

From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:10 PM
To: Waawaar.awaa@gmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:10 PM
To: waarlan12@outlook.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:10 PM
To: kelvingoogieboney@gmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:10 PM
To: Widescope.group@live.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:10 PM
To: yulayculturalservices@gmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:10 PM
To: yurrandaali_cs@hotmail.com
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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From: Crystal Garabedian
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To: ngunduwaa@live.com.au
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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Crystal Garabedian

From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:11 PM
To: gamila_roi@yahoo.com.au
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:11 PM
To: murrabidgeemullangari@yahoo.com.au
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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Crystal Garabedian

From: Crystal Garabedian
Sent: Monday, 15 April 2024 4:11 PM
To: justinecoplin@optusnet.com.au
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

Good afternoon,

Following on from your registration in the Aldington Road, Kemps Creek, New South Wales Aboriginal Cultural Heritage Assessment (ACHA). You can follow the link below to access the draft ACHA and Archaeological Report (AR):

<https://spaces.hightail.com/space/IOq80T88Ww>

Please provide any feedback on the ACHA and AR before 5:00 pm Monday 13 May 2024.

Please do not hesitate to contact me if you require additional information or have any issues accessing the draft reports.

Kind regards,
Crystal Garabedian

Crystal Garabedian She/Her
Heritage Consultant and Business Development Lead (NSW)

📞 0456 625 253
✉️ CGarabedian@biosis.com.au
🌐 www.biosis.com.au



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Crystal Garabedian

From: kevin campbell <ninum_group@outlook.com>
Sent: Tuesday, 16 April 2024 6:34 AM
To: Crystal Garabedian
Subject: Re: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

Hi crystal, I have reviewed the methodology and look forward to working on sites thank you.

Kind regards
Kevin & Marnya.

From: kevin campbell <ninum_group@outlook.com>
Sent: Monday, April 15, 2024 5:06 PM
To: Crystal Garabedian <CGarabedian@biosis.com.au>
Subject: Re: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

Thank you

From: Crystal Garabedian <CGarabedian@biosis.com.au>
Sent: Monday, April 15, 2024 4:09 PM
To: ninum_group@outlook.com <ninum_group@outlook.com>
Subject: Stage 4 Community Consultation - Aldington Road, Kemps Creek - Draft ACHA (40309)

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Appendix 5 Archaeological report

