



View along existing track at the study area.

ABORIGINAL DUE DILIGENCE ASSESSMENT REPORT

PLATYPUS CONSERVATION CENTRE

TARONGA WESTERN PLAINS ZOO, DUBBO

JUNE 2021

Report prepared by
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for Taronga Conservation Society Australia



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Acknowledgement

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

EXECUTIVE SUMMARY

OzArk Environment & Heritage (OzArk) has been engaged by NSW Public Works Advisory (the client), on behalf of Taronga Conservation Society Australia (TCSA; the proponent) to complete an Aboriginal due diligence heritage assessment for the proposed Platypus Conservation Centre (PCC; the proposal).

The PCC at Taronga Western Plains Zoo (TWPZ) will require the clearing of regrowth white cypress in the direct construction footprint, access tracks and a surrounding building buffer zone. It will also require earthworks to prepare the site for building pads. The electrical service route will include the creation of an easement for overhead and underground power lines.

The visual inspection of the study area was undertaken by OzArk Senior Archaeologist, Dr Alyce Cameron, on 19 May 2021. The inspection included members of the local Aboriginal community organised by TWPZ. No Aboriginal objects or landforms with high potential to contain subsurface deposits were identified.

The undertaking of the due diligence process resulted in the conclusion that the proposed works will have an impact on the ground surface, however, no Aboriginal objects or intact archaeological deposits will be harmed by the proposal. This moves the proposal to the following outcome:

Aboriginal Heritage Impact Permit (AHIP) application not necessary. Proceed with caution. If any Aboriginal objects are found, stop work, and notify Heritage NSW (02 9873 8500 or heritagemailbox@environment.nsw.gov.au). If human remains are found, stop work, secure the site, and notify NSW Police and Heritage NSW.

To ensure the greatest possible protection to the area's Aboriginal cultural heritage values, the following recommendations are made:

- 1) All land and ground disturbance activities must be confined to within the study area, as this will eliminate the risk of harm to Aboriginal objects in areas not assessed. Should the parameters of the proposal extend beyond the assessed areas, then further archaeological assessment may be required.
- 2) All staff and contractors involved in the proposed work should be made aware of the legislative protection requirements for all Aboriginal sites and objects.
- 3) This assessment has concluded that there is a low likelihood that the proposed work will adversely harm Aboriginal cultural heritage items or sites. However, during works, if Aboriginal artefacts or skeletal material are noted, all work should cease and the procedures in the *Unanticipated Finds Protocol* (**Appendix 2**) should be followed.
- 4) Inductions for work crews should include a cultural heritage awareness procedure to ensure they recognise Aboriginal artefacts (see **Appendix 3**) and are aware of the

legislative protection of Aboriginal objects under the *National Parks and Wildlife Act 1974* and the contents of the *Unanticipated Finds Protocol*.

- 5) The information presented here meets the requirements of the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*. It should be retained as shelf documentation for five years as it may be used to support a defence against prosecution in the event of unanticipated harm to Aboriginal objects.

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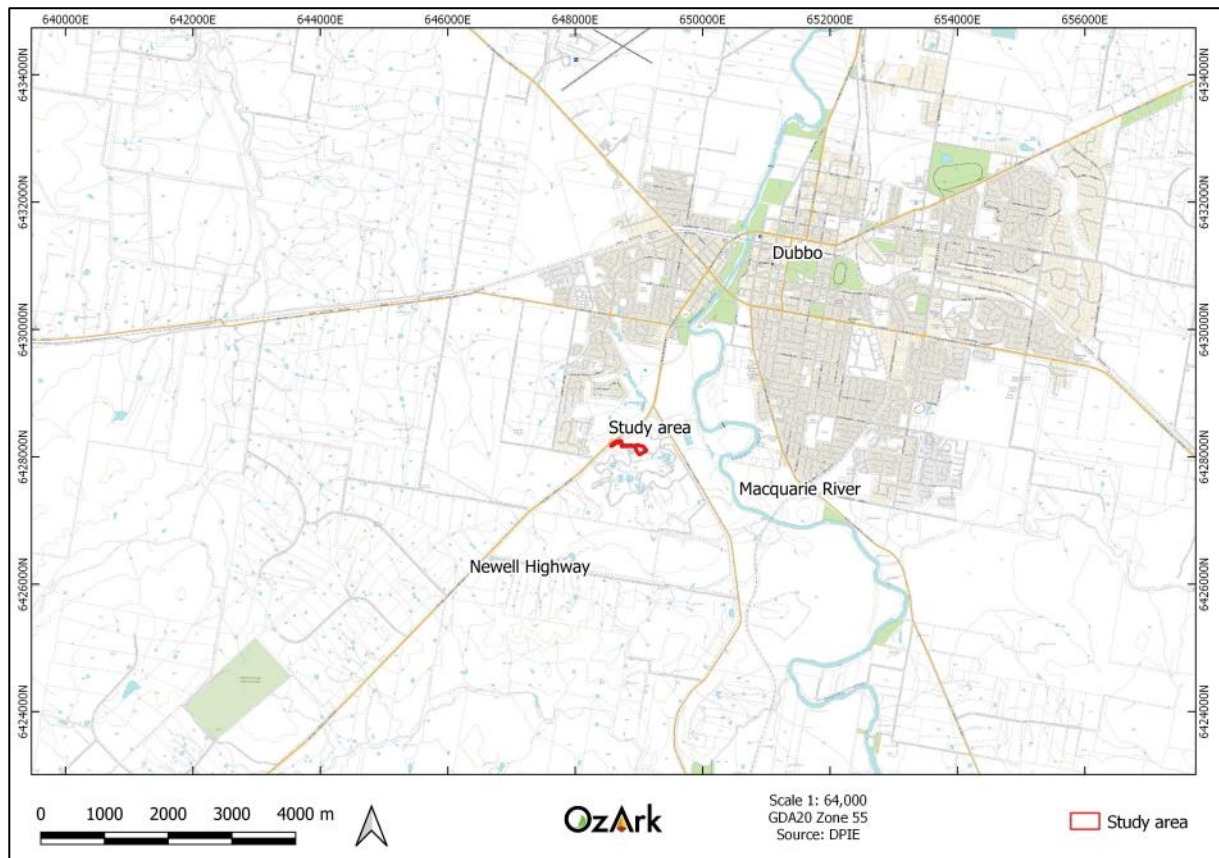
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1 INTRODUCTION

1.1 BRIEF DESCRIPTION OF THE PROPOSAL

OzArk Environment & Heritage (OzArk) has been engaged by NSW Public Works Advisory (the client), on behalf of Taronga Conservation Society Australia (the proponent) to complete an Aboriginal due diligence heritage assessment for the proposed Platypus Conservation Centre (PCC; the proposal). The proposal is in the Dubbo Local Government Area (LGA) (**Figure 1-1**).

Figure 1-1. Map showing the location of the proposal.



1.2 STUDY AREA AND PROPOSED WORKS

The PCC at Taronga Western Plains Zoo (TWPZ) will require the clearing of regrowth white cypress forest in the direct construction footprint, access tracks, and a surrounding asset protection zone. It will also require earthworks to prepare the site for building pads. The electrical service route will include the creation of an easement for overhead and underground power lines.

The study area comprises of bushland, roads, and landscaped areas of TWPZ site, shown on **Figure 1-2**. The study area is one kilometre (km) east of the Macquarie River.

1.3 ASSESSMENT APPROACH

Aboriginal cultural heritage

The desktop and visual inspection component for the study area follows the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (due diligence; DECCW 2010). The field inspection followed the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in New South Wales* (OEH 2011).

Figure 1-2: Aerial showing the study area.



2 ABORIGINAL DUE DILIGENCE ASSESSMENT

2.1 INTRODUCTION

Section 57 of the *National Parks and Wildlife Regulation 2019* (NPW Regulation) made under the *National Parks and Wildlife Act 1974* (NPW Act) advocates a due diligence process to determining likely impacts on Aboriginal objects. Carrying out due diligence provides a defence to the offence of harming Aboriginal objects and is an important step in satisfying Aboriginal heritage obligations in NSW.

2.2 DEFENCES UNDER THE NPW REGULATION 2009

2.2.1 Low impact activities

The first step before application of the due diligence process itself is to determine whether the proposed activity is a “low impact activity” for which there is a defence in the NPW Regulation. The exemptions are listed in Section 58 of the NPW Regulation (DECCW 2010: 6).

The proposal includes works that are not considered to be ‘low impact activity’, such as clearing and earthworks. Therefore, the due diligence process must be applied.

2.2.2 Disturbed lands

Relevant to this process is the assessed levels of previous land-use disturbance.

The NPW Regulation Section 58 (DECCW 2010: 18) define disturbed land as follows:

Land is disturbed if it has been the subject of a human activity that has changed the land’s surface, being changes that remain clear and observable.

Examples include ploughing, construction of rural infrastructure (such as dams and fences), construction of roads, trails and tracks (including fire trails and tracks and walking tracks), clearing vegetation, construction of buildings and the erection of other structures, construction or installation of utilities and other similar services (such as above or below ground electrical infrastructure, water or sewerage pipelines, stormwater drainage and other similar infrastructure) and construction of earthworks.

Parts of the study area include existing roads and landscaped areas that would be considered disturbed land under the legislation. However, the proponent has elected to apply the precautionary principle and proceed with a visual inspection of the study area.

In summary, it is determined that the proposal must be assessed under the Due Diligence Code. The reasoning for this determination is set out in **Table 2-1**.

Table 2-1: Determination of whether Due Diligence Code applies.

Item	Reasoning	Answer
Is the activity a Part 3A project declared under section 75B of the EP&A Act?	It is understood that the proposal is assessed under Part 5 of the EP&A Act, but also considered by Dubbo Regional Council as part of a Part 4 Development Application submission.	No
Is the activity exempt from the NPW Act or NPW Regulation?	The proposal is not exempt under this Act or Regulation.	No
Do either or both of these apply: Is the activity in an Aboriginal place? Have previous investigations that meet the requirements of this Code identified Aboriginal objects?	The activity will not occur in an Aboriginal place. Previous investigations have been conducted over a small part of the study area, but not enough to preclude the need for a comprehensive assessment (see Section 2.3.2 below) .	No
Is the activity a low impact one for which there is a defence in the NPW Regulation?	The proposal is not a low impact activity for which there is a defence in the NPW Regulation.	No
Is the activity occurring entirely within areas that are assessed as 'disturbed lands'?	The proposal is not exclusively within areas of high modification.	No
Due Diligence Code of Practice assessment is required		

2.3 APPLICATION OF THE DUE DILIGENCE CODE OF PRACTICE TO THE PROPOSAL

To follow the generic due diligence process, a series of steps in a question/answer flowchart format (DECCW 2010: 10) are applied to the proposed impacts and the study area, and the responses documented.

2.3.1 Step 1

Will the activity disturb the ground surface or any culturally modified trees?

Yes, the proposal will impact the ground surface and may impact culturally modified trees.

The proposal will impact the ground surface through earthworks, trenching for electrical connections, and construction. The proposal will also require clearing of trees within the study area. If there are any culturally modified trees within the study area, they may be impacted by this activity.

2.3.2 Step 2a

Are there any relevant confirmed site records or other associated landscape feature information on AHIMS?

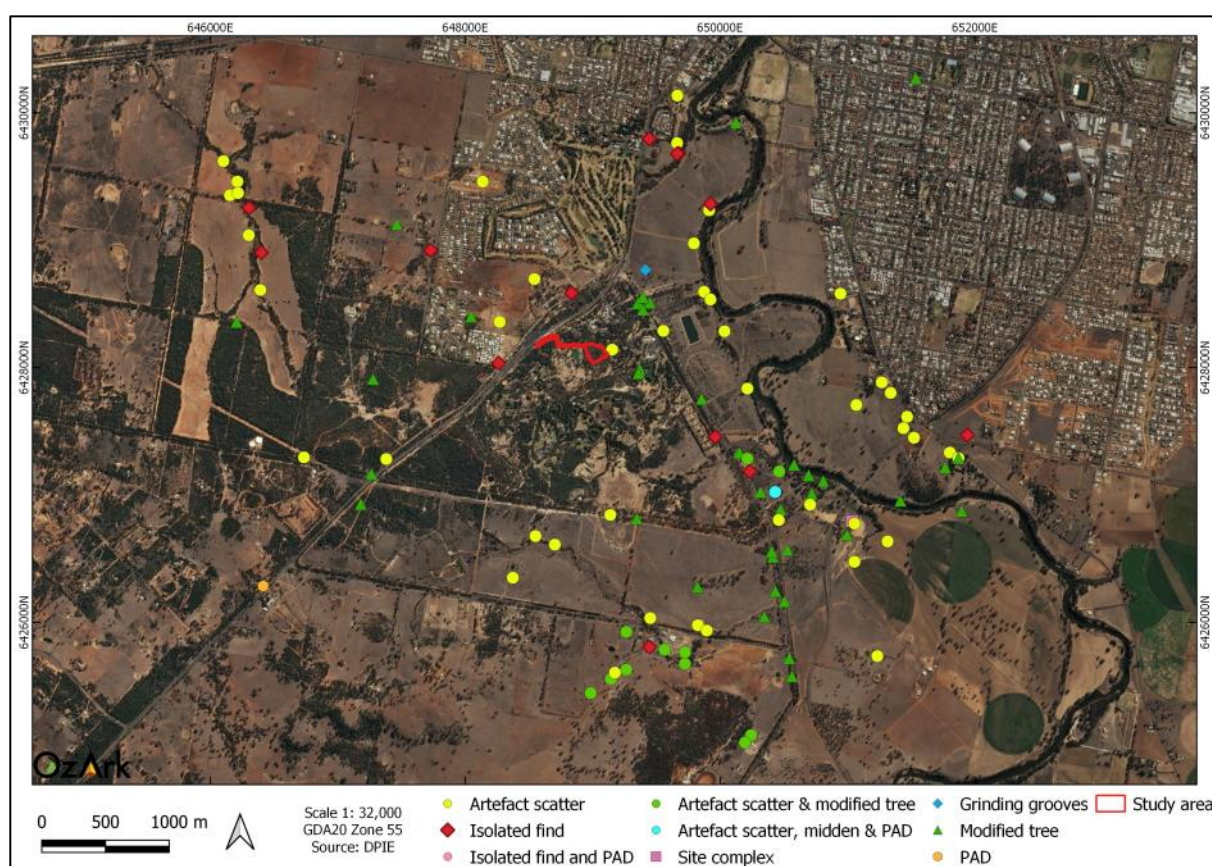
No, there are no previously recorded sites within the study area.

A 3 km by 3 km search of the Aboriginal Heritage Information Management System (AHIMS) centred on the study area returned 115 results for Aboriginal heritage items.

Figure 2-1 shows all previously recorded sites in relation to the study area, and **Table 2-2** shows the types of sites that are close to the study area.

Table 2-2: Site types and frequencies of AHIMS sites near the study area.

Site Type	Number	% Frequency
Artefact scatter	46	40
Modified tree	39	34
Isolated find	14	12
Artefact scatter & modified tree	11	10
Artefact scatter, midden & PAD	1	1
Ceremony and dreaming, ceremonial ring, hearth, artefact scatter & grinding grooves	1	1
Grinding grooves	1	1
Isolated find & PAD	1	1
PAD	1	1
Total	115	100

Figure 2-1: Previously recorded sites in relation to the study area.

There are no AHIMS results within the study area. The closest site to the study area, 50 metres (m) to the east, is an isolated find identified during assessment for the Animal Hospital development at TWPZ. The next closest sites are both modified trees, between 200–250 m southeast of the study area.

The most frequent site types in the study area are artefact scatters (40%) and modified trees (34%). If vegetation of suitable maturity and type for cultural modification is present within the

study area, then modified trees and artefact scatters are expected to be the most likely site types identified.

2.3.3 Step 2b

Are there any other sources of information of which a person is already aware?

No, there are no other sources of information that would indicate the presence of Aboriginal objects in the study area.

Ethnographic sources of information

According to Tindale's (1974) map of tribal boundaries the Dubbo area falls within the northern limits of area associated with the Wiradjuri language group. Wiradjuri country is bound by Wongaibon country to the west and Wailwan country to the north.

The Tubba-Gah and Dundullimal comprise two local sub-groups, 'clans' or mobs within the larger Wiradjuri entity. The territory of the Tubba-Gah is thought to lie to the east of the Macquarie River, south of the Talbragar River and north of Eulomogo creek, whereas the Dundullimal are thought to have occupied the area to the west of the Macquarie River, including the locality encompassing the study area (Koettig 1985: 21-22). Not all Aboriginal community representatives agree with this division, with some arguing that the Tubba-Gah mob inhabited both sides of the Macquarie River.

Records of early colonial interaction with the first inhabitants of the Dubbo area by explorers and surveyors such as Oxley (1820) and Sturt (1833) suggest that the area had a relatively high-density population. Oxley noted that the country '*afforded them ample means of subsistence*' when compared to the harsher conditions further south (Oxley 1820: 171–2).

Edward Garnsey, a resident of Dubbo of the late 19th and the early 20th century, recorded some ethnographic information from his interactions with Aboriginal groups of the area. He recorded that waterways, including the Wingewarra Swamp and Eulomogo Creek, not just the Macquarie River, were a focus of local Aboriginal hunting and food supply, such as: cod, perch, yabbies, waterbirds and turtles (Garnsey 1942: 5). More recent documentary evidence of the post-contact Aboriginal population tends to focus on the camps and missions to the north of Dubbo at Devil's Hole and Talbragar Mission (Kabaila 1998: 50–2).

Archaeological context

Prior to 1985, no systematic archaeological studies had been undertaken in the Dubbo region. During the late nineteenth and early twentieth centuries, interested locals and amateurs, including Milne, Gresser and to a lesser extent Garnsey, recorded a number of sites and collected artefacts, contributing to the body of archaeological data available to researchers today.

A range of archaeological studies have since been undertaken including the Dubbo region since (Koettig 1985; OzArk 2006, OzArk 2014, OzArk 2016). These provide baseline data for placing past Aboriginal sites within a regional landscape context.

Koettig 1985

In 1985, the survey by Koettig (1985) investigated the evidence of Aboriginal occupation within 5 km of Dubbo's city limits, including the current study area. The investigation concluded that sites exist throughout all environmental landscapes surveyed. Artefact scatters, scarred trees and grinding grooves were the most frequently occurring site types; and site location and size were determined by various environmental and social factors. Of the environmental factors, proximity to water, geological formation and availability of food resources were the most important. As such, Koettig's site prediction model suggested that: all site types would occur along watercourses; stone arrangements would occur most frequently on knolls or prominent landscape features; larger campsites would occur most frequently along permanent watercourses, near springs or wetlands; small campsites could occur anywhere; scarred trees could occur anywhere, but particularly in remnant native woodland communities; campsites would be smaller and more sporadic near the headwaters of creeks; grinding grooves could occur where appropriate sandstone existed; quarries could occur wherever there were suitable stone sources; and shell middens could occur only along the Macquarie River.

OzArk 2006 and 2014

An assessment of Aboriginal heritage resources within the then Dubbo LGA to assist Dubbo City Council (now Dubbo Regional Council) with planning was commenced by OzArk (2006). This study aimed to consolidate previous surveys and assessments of Aboriginal heritage, set a baseline for further study, and survey areas zoned for future expansion.

Approximately 1,120 hectares (ha) of land was surveyed within five study areas surrounding the city of Dubbo. During the survey, 26 new Aboriginal sites were recorded, and eight out of 12 previously recorded sites were located. A number of the newly recorded site types were similar to those recorded in previous studies. Fewer scarred trees were recorded than expected, likely due to intensive agricultural practices and associated tree clearance around Dubbo compared to the broader (former) Dubbo LGA. No new grinding groove sites were recorded which conformed to predictive modelling, given that this site type comprised only 3.6% of previously located sites within the former Dubbo LGA. Scarred tree distribution adhered to expectations, exclusively following waterways and fence-lines, although this likely reflects land clearing practices rather than actual Aboriginal site patterning. Isolated finds and open sites followed a similar pattern as they were largely limited to watercourse edges and elevated terraces within 500 m of the Macquarie River and other permanent to semi-permanent waterways. No significant patterning

emerged in terms of site size or quality, perhaps because surface manifestations often do not adequately reflect site size or complexity.

OzArk (2014) expanded this analysis to include comparison of Strahler stream order (an indication of waterway size and reliability) with site location. This analysis concluded that:

- All sites occurred within 500 m of streams (of any kind)
- Most sites cluster within 100 m of a stream and become very infrequent further than 200 m from a stream.

OzArk 2016

Following on from the observations of OzArk (2014), OzArk (2016) undertook an assessment of Travelling Stock Reserves (TSRs) in the Central West Local Land Services (CWLLS) area.

The CWLLS was divided into two stream orders: major waterways (normally named rivers) and minor waterways (normally named creeks and their larger tributaries). Based on the evidence of site location obtained by OzArk (2014), two buffers were established for each waterway type, namely:

- 200 m either side of a major waterway (Drainage 1)
- 100 m either side of a minor waterway (Drainage 2).

While the OzArk (2014) study focused on a higher resolution of landform type (i.e. distinguishing between lower and upper terraces), this was not possible for the CWLLS area that covered such an extensive region. Instead, Mitchell landscapes were used to understand the underlying landform type of an area which is often obscured by local variations in topography.

When previously recorded sites were plotted against these landscape types, the following observations were made:

- A high number of sites (n=876) have been recorded in slope landscapes. This is perhaps biased by the fact that Dubbo is located within this landscape type and the highest number of sites in the CWLLS area have been recorded in and around Dubbo
- The highest concentration of sites is within channel and floodplain landscapes (n=927)
- Alluvial plains landscapes have the third highest concentration of sites (n=770)
- Relatively small numbers of sites are recorded in uplands (n=5) or plateau landscapes (n=34)
- A reasonable number of sites have been recorded in downs landscapes (n=255). These recordings are largely due to three or four clusters of sites that may have skewed the data slightly. If the veracity of all site recordings in this category was able to be verified, it is suspected that the actual number of sites in downs landscapes would be lower.

The result of mapping AHIMS sites against landform type indicated that sites should be most frequently recorded in channels and floodplain landscapes, alluvial plains landscapes, and downs landscapes. Sites were more likely to be in areas of lower elevation (plains/channels/downs) and in areas of more moderate gradient (slopes).

Elements of the predictive model were then tested through targeted survey. 59 sites were recorded during the survey. 26 (44%) of the recorded sites were scarred trees, 22 (37%) were artefact scatters, and 11 (19%) were isolated finds.

Combining the results of the predictive model and the survey it was demonstrated that:

- Most sites will be recorded within channels and floodplains, and slopes landscapes
- Sites in channels and floodplains landscapes are more likely to be scarred trees, while those in slopes landscapes are likely to be artefact scatters.

Previous surveys at TWPZ

Several archaeological surveys have been undertaken at the TWPZ property, including the most wide reaching TWPZ assessment undertaken in 2002 (OzArk 2002). The survey effort of this assessment recorded twelve Aboriginal sites, which, when added to the sixteen¹ previously recorded sites on TWPZ managed land, results in a total of 33 Aboriginal sites currently recorded as extant on the grounds of TWPZ. These are predominantly open camp sites (14) and scarred trees (15), with two isolated finds (2), one midden, and one site complex including grinding grooves, artefacts and other cultural evidence. For further discussion on these sites please refer to the overarching TWPZ Indigenous heritage report, OzArk 2002.

More recent surveys at TWPZ have covered relatively small study areas and resulted in few Aboriginal site recordings. Further survey in 2008 for the entry modification at TWPZ (OzArk 2008) recorded two more scarred trees, and OzArk (2019) confirmed the location of the isolated find near the current study area (AHIMS ID 36-1-0757). OzArk (2020) investigated two previously recorded sites (AHIMS IDs 36-1-0103 and 36-1-0104) and conducted a test excavation program that determined that the sub-surface deposits at the site had a low density of artefacts.

Implications for the study area

Previous large-scale modelling studies have shown that site distribution in the Dubbo region conforms to some descriptive patterns, but that the most frequent types (isolated finds, artefact scatters and scarred trees) can occur in any identified landform.

Most Aboriginal sites, in particular artefact sites, occur within 100 m of a stream (of any size). However, this increased frequency of sites does not necessarily mean the sites are more complex

¹ There are in fact seventeen, however, one of these is a re-recording of a previously registered site and has thus been omitted from the reckoning.

or have a greater density of artefacts or features. Some site types, such as modified trees, that tend to be in close proximity to waterways in other assessed regions, have a less discernible pattern in the Dubbo locale due to clearing practices.

The study area is within the Goonoo Slopes landscape unit (see **Section 2.3.4**). The regional study of the CWLLS area (OzArk 2016) indicates that sites are possible in this landscape unit, and if present, are likely to be artefact sites. However, as the study area is outside of the defined drainage buffers, the likelihood of site recordings is diminished.

Assessments conducted at TWPZ indicate that there is higher potential for Aboriginal sites on alluvial landforms associated with the Macquarie River. However, sites including modified trees and isolated finds have been recorded on slope landforms near the current study area.

2.3.4 Step 2c

Are there any landscape features that are likely to indicate presence of Aboriginal objects?

No, landforms with identified archaeological sensitivity are not present at the study area.

Landscape Context

The study area falls within the Brigalow Belt South Bioregion, within the Pilliga ecosystem, and is comprised wholly of the Goonoo Slopes landscape unit (Mitchell 2002: 10).

The topography of the Goonoo Slopes is characterised by extensive undulating to stepped low hills, long westerly slopes and poorly defined drainage networks (Mitchell 2002:10). General elevation across this landscape type ranges from 300 to 500 m, with a local relief of up to 30 m.

The study area is situated on a low grade slope from west to east.

There are no hydrological features in the study area but there are unnamed ephemeral drainage lines nearby, most of which have been dammed for agricultural or aesthetic purposes. The Macquarie River, a permanent water source for the region, is located approximately 1 km east of the study area.

Land use history

The TWPZ site was part of the large pastoral holding Dundullimal in the late nineteenth century, which would have involved clearing and grazing across the property. During the twentieth century, the site was used as a military base including disturbances including vegetation clearing, building construction, and explosive testing. An aerial image from 1986 shows that most of the TWPZ area had been cleared by that time and indicates that much of the current vegetation at the site is regrowth (**Figure 2-2**).

Figure 2-2: Historic aerial image of TWPZ site with the approximate study area overlaid in red.



Conclusion

The landscape features suggest that the study area has low archaeological sensitivity because it is distant from reliable water. Sites are most likely to be identified at the eastern sections of the study area lower on the slope landform and closer to the Macquarie River.

2.3.5 Step 3

Can harm to Aboriginal objects or disturbance of archaeologically sensitive landscape features be avoided?

Yes. There are no known Aboriginal objects within the study area and landforms with identified archaeological sensitivity will not be impacted.

There are no previously recorded Aboriginal objects within the study area and no landforms have identified archaeological sensitivity.

While not required by the Due Diligence Code, the proponent has elected to proceed to a visual inspection of the study area to ensure that Aboriginal objects will not be harmed.

2.3.6 Step 4

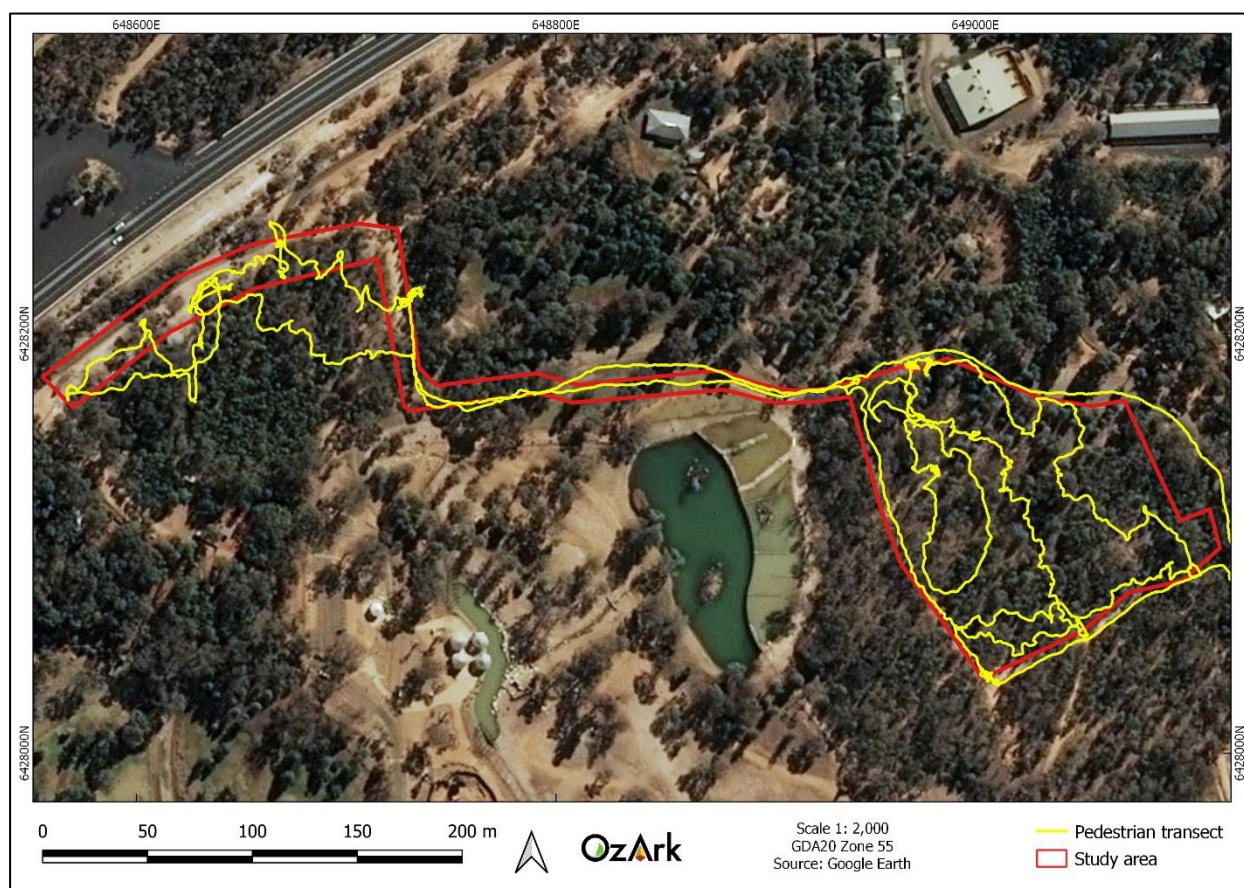
Does a desktop assessment and visual inspection confirm that there are Aboriginal objects or that they are likely?

The visual inspection did not identify Aboriginal objects at the study area.

The visual inspection of the study area was undertaken by OzArk Senior Archaeologist, Dr Alyce Cameron, on 19 May 2021. The inspection included members of the local Aboriginal community organised by TWPZ. There were no significant constraints to the efficacy of the inspection and all portions of the study area were inspected (**Figure 2-3**).

Ground surface visibility (GSV) was variable, ranging from very low in areas of dense regrowth (**Plate 1**) to high in isolated areas of disturbance, such as tracks (**Plate 2**).

Figure 2-3: Survey coverage within the study area.



Discussion

The absence of sites at the study area was one of the outcomes anticipated from the background modelling. The archaeological potential of the landforms is low due to the distance from water and the considerable ground disturbance from previous land use at the study area was also noted. These include clearing of most mature vegetation, resulting in a high proportion of

regrowth, and landscaping and construction works undertaken for TWPZ and possibly the location's previous use as an army base.

2.4 CONCLUSION

The due diligence process has resulted in the outcome that an AHIP is not required. The reasoning behind this determination is set out in **Table 2-3**.

Table 2-3: Due Diligence Code application.

Item	Reasoning	Answer
Will the activity disturb either of the following: - the ground surface where archaeological deposits are likely - mature, native trees that may be culturally modified.	The proposed works will disturb the ground surface through excavation and construction, but the likelihood of archaeological deposits has been assessed as low. All mature trees within the study area were inspected and it was concluded that the proposal will not impact any culturally modified trees.	No
Are there any relevant records of Aboriginal heritage on site (AHIMS or from other sources), or landscape features that are likely to indicate presence of Aboriginal objects?	AHIMS indicated no Aboriginal sites within the study area. No landscape features in the study area indicate the likely presence of Aboriginal objects.	No
Will the activity impact Aboriginal objects or landforms with archaeological potential?	There are no known items of Aboriginal significance present in the study area, and landforms with identified archaeological sensitivity are not present.	No
Does the desktop and/or visual assessment confirm that Aboriginal objects will be harmed?	The visual inspection did not identify any Aboriginal objects and it was assessed that there is a low likelihood of there being subsurface archaeological deposits within the study area.	No
AHIP not necessary. Proceed with caution.		

3 MANAGEMENT RECOMMENDATIONS

The undertaking of the due diligence process resulted in the conclusion that the proposed works will have an impact on the ground surface, however, no Aboriginal objects or intact archaeological deposits will be harmed by the proposal. This moves the proposal to the following outcome:

AHIP application not necessary. Proceed with caution. If any Aboriginal objects are found, stop work, and notify Heritage NSW (02 9873 8500 or heritagemailbox@environment.nsw.gov.au). If human remains are found, stop work, secure the site, and notify NSW Police and Heritage NSW.

To ensure the greatest possible protection to the area's Aboriginal cultural heritage values, the following recommendations are made:

- 1) All land and ground disturbance activities must be confined to within the study area, as this will eliminate the risk of harm to Aboriginal objects in areas not assessed. Should the parameters of the proposal extend beyond the assessed areas, then further archaeological assessment may be required.
- 2) All staff and contractors involved in the proposed work should be made aware of the legislative protection requirements for all Aboriginal sites and objects.
- 3) This assessment has concluded that there is a low likelihood that the proposed work will adversely harm Aboriginal cultural heritage items or sites. However, during works, if Aboriginal artefacts or skeletal material are noted, all work should cease and the procedures in the *Unanticipated Finds Protocol (Appendix 2)* should be followed.
- 4) Work crews should undergo cultural heritage induction to ensure they recognise Aboriginal artefacts (see **Appendix 3**) and are aware of the legislative protection of Aboriginal objects under the NPW Act and the contents of the *Unanticipated Finds Protocol*.
- 5) The information presented here meets the requirements of the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*. It should be retained as shelf documentation for five years as it may be used to support a defence against prosecution in the event of unanticipated harm to Aboriginal objects.

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OzArk 2020	OzArk Environment & Heritage. 2020. <i>Aboriginal Cultural Heritage Report: Taronga Western Plains Zoo Dam</i> . Report to TWPZ.
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Tindale 1974	Tindale A. 1974. <i>Aboriginal Tribes of Australia</i> . University of California Press.

PLATES



Plate 1: View of the study area showing typical regrowth vegetation and ground cover.



Plate 2: View north along an existing track within study area.

APPENDIX 1: AHIMS SEARCH RESULTS



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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : TWPZ Platypus 3km

Client Service ID : 591345

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
36-1-0415	WPZ-OS3	GDA	55	648703	6426610	Open site	Valid	Artefact :-		98215
	Contact	Recorders	Doctor.Jodie Benton							
36-1-0416	WPZ-OS4	GDA	55	649825	6425977	Open site	Valid	Artefact :-		98215
	Contact	Recorders	Doctor.Jodie Benton							
36-1-0417	WPZ-OS5	GDA	55	649895	6425935	Open site	Valid	Artefact :-		98215
	Contact	Recorders	Doctor.Jodie Benton							
36-1-0418	WPZ-ST1	AGD	55	650233	6425860	Open site	Valid	Modified Tree (Carved or Scarred) : 1		98215
	Contact	Recorders	Doctor.Jodie Benton							
36-1-0419	WPZ-ST2	AGD	55	647066	6426744	Open site	Valid	Modified Tree (Carved or Scarred) : -		98215
	Contact	Recorders	Doctor.Jodie Benton							
36-1-0420	WPZ-ST3	AGD	55	649708	6426094	Open site	Valid	Modified Tree (Carved or Scarred) : 1		98215
	Contact	Recorders	Doctor.Jodie Benton							
36-1-0421	WPZ-ST4	AGD	55	649255	6427800	Open site	Valid	Modified Tree (Carved or Scarred) : 1		98215
	Contact	Recorders	Doctor.Jodie Benton							
36-1-0403	Cobra Street ST	AGD	55	651422	6430087	Open site	Valid	Modified Tree (Carved or Scarred) : 1		98215
	Contact	Recorders	Miss.Rebecca Ogden-Brunell							
36-1-0412	WPZ-IF1	GDA	55	649452	6426033	Open site	Valid	Artefact :-		98215
	Contact	Recorders	Doctor.Jodie Benton							
36-1-0413	WPZ-OS1	AGD	55	648259	6426165	Open site	Valid	Artefact :-		98215
	Contact	Recorders	Doctor.Jodie Benton							
36-1-0414	WPZ-OS2	AGD	55	648437	6426492	Open site	Valid	Artefact :-		98215
	Contact	Recorders	Doctor.Jodie Benton							
36-1-0422	WPZ-ST5	AGD	55	649244	6427771	Open site	Valid	Modified Tree (Carved or Scarred) : 1		98215
	Contact	Recorders	Doctor.Jodie Benton							

Report generated by AHIMS Web Service on 17/05/2021 for Alyce Cameron for the following area at Datum :GDA, Zone : 55, Eastings : 645971 - 652102, Northings : 6425054 - 6431170 with a Buffer of 0 meters. Additional Info : Background, etc.. Number of Aboriginal sites and Aboriginal objects found is 115

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : TWPZ Platypus 3km

Client Service ID : 591345

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
36-1-0432	ORWM-ST1	AGD	55	650428	6425534	Open site	Valid	Modified Tree (Carved or Scarred) : 1		98799
	Contact	Recorders	Doctor.Jodie Benton							
36-1-0433	ORWM-ST2	AGD	55	650449	6425393	Open site	Valid	Modified Tree (Carved or Scarred) : 1		98799
	Contact	Recorders	Doctor.Jodie Benton							
36-1-0434	WPZ-IF2	AGD	55	649331	6425621	Open site	Valid	Artefact : 2		98895
	Contact	Recorders	Doctor.Jodie Benton							
36-1-0435	WPZ-IF2a	AGD	55	649331	6425621	Open site	Valid	Artefact : 1		98946
	Contact	Recorders	Doctor.Jodie Benton							
28-1-0025	DLGA-ST-04	AGD	55	647348	6428942	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	Recorders	OzArk Environmental and Heritage Management							
36-1-0564	DLGA-IF-04	AGD	55	647614	6428735	Open site	Valid	Artefact : 1		
	Contact	Recorders	OzArk Environmental and Heritage Management							
36-1-0565	DLGA-IF-06	AGD	55	646098	6429275	Open site	Valid	Artefact : -		
	Contact	Recorders	OzArk Environmental and Heritage Management							
36-1-0566	DLGA-IF-05	AGD	55	646190	6429069	Open site	Valid	Artefact : 1		
	Contact	Recorders	OzArk Environmental and Heritage Management							
36-1-0567	DLGA-IF-03	AGD	55	646286	6428718	Open site	Valid	Artefact : 1		
	Contact	Recorders	OzArk Environmental and Heritage Management							
36-1-0568	DLGA-OS-07	AGD	55	645988	6429436	Open site	Valid	Artefact : 24		
	Contact	Recorders	OzArk Environmental and Heritage Management							
36-1-0569	DLGA-OS-09	AGD	55	646039	6429168	Open site	Valid	Artefact : 2		
	Contact	Recorders	OzArk Environmental and Heritage Management							
36-1-0570	DLGA-OS-08	AGD	55	646103	6429185	Open site	Valid	Artefact : 3		
	Contact	Recorders	OzArk Environmental and Heritage Management							
36-1-0571	DLGA-OS-06	AGD	55	646278	6428424	Open site	Valid	Artefact : 12		
	Contact	Recorders	OzArk Environmental and Heritage Management							
36-1-0572	DLGA-OS-05	AGD	55	646278	6428424	Open site	Valid	Artefact : 12		
	Contact	Recorders	OzArk Environmental and Heritage Management							
36-1-0573	DLGA-ST-05	AGD	55	646091	6428174	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	Recorders	OzArk Environmental and Heritage Management							

Report generated by AHIMS Web Service on 17/05/2021 for Alyce Cameron for the following area at Datum :GDA, Zone : 55, Eastings : 645971 - 652102, Northings : 6425054 - 6431170 with a Buffer of 0 meters. Additional Info : Background, etc.. Number of Aboriginal sites and Aboriginal objects found is 115

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : TWPZ Platypus 3km

Client Service ID : 591345

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
36-1-0574	Contact Searle	Recorders OzArk Environmental and Heritage Management	AGD	55 646187	6428854	Open site	Valid	Artefact : 4	Permits	
	Contact Searle	Recorders OzArk Environmental and Heritage Management						Modified Tree (Carved or Scarred) :		
36-1-0556	Contact Searle	Recorders OzArk Environmental and Heritage Management	AGD	55 650466	6427053	Open site	Valid	Modified Tree (Carved or Scarred) :	Permits	
	Contact Searle	Recorders OzArk Environmental and Heritage Management						Modified Tree (Carved or Scarred) :		
36-1-0557	Contact Searle	Recorders OzArk Environmental and Heritage Management	AGD	55 651652	6427032	Open site	Valid	Modified Tree (Carved or Scarred) :	Permits	
	Contact Searle	Recorders OzArk Environmental and Heritage Management						Modified Tree (Carved or Scarred) :		
36-1-0558	Contact Searle	Recorders OzArk Environmental and Heritage Management	AGD	55 651300	6426770	Open site	Valid	Modified Tree (Carved or Scarred) :	Permits	
	Contact Searle	Recorders OzArk Environmental and Heritage Management						Modified Tree (Carved or Scarred) :		
36-1-0559	Contact Searle	Recorders OzArk Environmental and Heritage Management	AGD	55 651324	6427339	Open site	Valid	Artefact : 5	Permits	
	Contact Searle	Recorders OzArk Environmental and Heritage Management						Artefact : 2		
36-1-0560	Contact Searle	Recorders OzArk Environmental and Heritage Management	AGD	55 651407	6427264	Open site	Valid	Artefact : 2	Permits	
	Contact Searle	Recorders OzArk Environmental and Heritage Management						Artefact : 18		
36-1-0562	Contact Searle	Recorders OzArk Environmental and Heritage Management	AGD	55 651224	6427616	Open site	Valid	Artefact : -	Permits	
	Contact Searle	Recorders OzArk Environmental and Heritage Management						Artefact : -		
36-1-0563	Contact Searle	Recorders OzArk Environmental and Heritage Management	AGD	55 651353	6427429	Open site	Valid	Artefact : -	Permits	
	Contact Searle	Recorders OzArk Environmental and Heritage Management						Artefact : 1		
36-1-0094	Contact M1 Dubbo	Recorders Lloyd Nolan	AGD	55 649550	6429950	Open site	Valid	Artefact : -	Open Camp Site	1065
	Contact M2 Dubbo	Recorders N Franklin,Margrit Koettig,Rex Silcox						Artefact : -		
36-1-0095	Contact M2 Dubbo	Recorders N Franklin,Margrit Koettig,Rex Silcox	AGD	55 649800	6429050	Open site	Valid	Artefact : -	Open Camp Site	1065
	Contact M3 Dubbo	Recorders N Franklin,Margrit Koettig,Rex Silcox						Artefact : -		
36-1-0040	Contact Dubbo;Cootha;	Recorders N Franklin,Margrit Koettig,Rex Silcox	AGD	55 650955	6427521	Open site	Valid	Modified Tree (Carved or Scarred) :	Scarred Tree	
	Contact	Recorders Michael Pearson						Modified Tree (Carved or Scarred) :		

Report generated by AHIMS Web Service on 17/05/2021 for Alyce Cameron for the following area at Datum :GDA, Zone : 55, Eastings : 645971 - 652102, Northings : 6425054 - 6431170 with a Buffer of 0 meters. Additional Info : Background, etc.. Number of Aboriginal sites and Aboriginal objects found is 115

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Office of Environment & Heritage

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : TWPZ Platypus 3km

Client Service ID : 591345

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
36-1-0130	Dundillamal;	AGD	55	650413	6426385	Open site	Valid	Modified Tree (Carved or Scarred) : 3	Scarred Tree	1333
	Contact	Recorders		Warren Bluff				Permits		
36-1-0157	dundullirial;	GDA	55	650460	6426803	Open site	Valid	Artefact : -	Open Camp Site	1333
	Contact	Recorders		Warren Bluff,OzArk Environmental and Heritage Management,Doctor.Alyce Camer				Permits		
36-1-0163	GL-IF2	AGD	55	649450	6425600	Open site	Valid	Artefact : 1	Open Camp Site,Scarred Tree	3713
	Contact	Recorders		Jim Kelton				Permits		
36-1-0164	GL-OS-1	AGD	55	649150	6425443	Open site	Valid	Modified Tree (Carved or Scarred) : -, Artefact : -	Open Camp Site,Scarred Tree	3713,102800
	Contact	Recorders		Central West Archaeological and Heritage Services Pty Ltd				Permits		
36-1-0165	GL-OS-2	AGD	55	649610	6425490	Open site	Valid	Artefact : 10	Open Camp Site,Scarred Tree	3713
	Contact	Recorders		Jim Kelton				Permits		
36-1-0097	Dubbo M4	AGD	55	649810	6428350	Open site	Valid	Artefact : -	Open Camp Site	1065
	Contact	Recorders		N Franklin,Margrit Koettig,Rex Silcox				Permits		
36-1-0166	GL-OS-3	AGD	55	649610	6425580	Open site	Valid	Artefact : -	Open Camp Site,Scarred Tree	3713
	Contact	Recorders		Jim Kelton				Permits		
36-1-0167	GL-OS-4	AGD	55	650130	6424930	Open site	Valid	Artefact : -	Open Camp Site,Scarred Tree	3713
	Contact	Recorders		Jim Kelton				Permits		
36-1-0168	GL-OS-5	AGD	55	650080	6424870	Open site	Valid	Artefact : -	Open Camp Site,Scarred Tree	3713
	Contact	Recorders		Jim Kelton				Permits		
36-1-0169	GL-OS-6	AGD	55	648870	6425260	Open site	Valid	Artefact : -, Modified Tree (Carved or Scarred) : -	Open Camp Site,Scarred Tree	3713
	Contact	Recorders		Central West Archaeological and Heritage Services Pty Ltd				Permits		
36-1-0170	GL-OS-7	AGD	55	649029	6425371	Open site	Valid	Artefact : -, Modified Tree (Carved or Scarred) : -	Open Camp Site,Scarred Tree	3713,102800
	Contact	Recorders		Central West Archaeological and Heritage Services Pty Ltd				Permits		
36-1-0171	GL-OS-8	AGD	55	649150	6425740	Open site	Valid	Artefact : -, Modified Tree (Carved or Scarred) : -	Open Camp Site,Scarred Tree	3713
	Contact	Recorders		Central West Archaeological and Heritage Services Pty Ltd				Permits		

Report generated by AHIMS Web Service on 17/05/2021 for Alyce Cameron for the following area at Datum :GDA, Zone : 55, Eastings : 645971 - 652102, Northings : 6425054 - 6431170 with a Buffer of 0 meters. Additional Info : Background, etc.. Number of Aboriginal sites and Aboriginal objects found is 115

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 Office of Environment & Heritage		AHIMS Web Services (AWS)				Your Ref/PO Number : TWP2 Platypus 3km				
		Extensive search - Site list report				Client Service ID : 591345				
SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
36-1-0172	GL-ST-1	AGD	55	649060	6425420	Open site	Valid	Artefact : -	Open Camp Site	3713
Contact		Recorders Central West Archaeological and Heritage Services Pty Ltd				Permits				
36-1-0174	C-OS-2;	AGD	55	649334	6428326	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Scarred Tree	3700
Contact		Recorders Jim Kelton				Permits				
36-1-0175	C-ST-3	AGD	55	650010	6429740	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	3700
Contact		Recorders Jim Kelton				Permits				
36-1-0176	C-IF-1 (Dubbo)	AGD	55	649810	6429100	Open site	Valid	Artefact : 1	Isolated Find	3700
Contact		Recorders Jim Kelton				Permits				
36-1-0177	C-ST-1.	AGD	55	649680	6428790	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	3700
Contact		Recorders Jim Kelton				Permits				
36-1-0178	C-OS-1 Dubbo	AGD	55	649680	6428790	Open site	Valid	Artefact : -	Open Camp Site	3700
Contact		Recorders Jim Kelton				Permits				
36-1-0114	M21 Dubbo	AGD	55	651120	6425550	Open site	Valid	Artefact : 25	Open Camp Site	1065
Contact		Recorders N Franklin,Margrit Koettig,Rex Silcox				Permits				
36-1-0115	M22 Dubbo	AGD	55	650940	6426290	Open site	Valid	Artefact : 219	Open Camp Site	1065
Contact		Recorders N Franklin,Margrit Koettig,Rex Silcox				Permits				
36-1-0221	OR-ST-9 (Eulomogo)	AGD	55	650036	6427148	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Scarred Tree	3737,4738
Contact		Recorders Jim Kelton				Permits				
36-1-0222	OR-IF-2 (Eulomogo)	AGD	55	650120	6427000	Open site	Valid	Artefact : 1	Isolated Find	3737,4738
Contact		Recorders Jim Kelton				Permits				
36-1-0223	OR-IF-1 (Eulomogo)	AGD	55	649848	6427271	Open site	Valid	Artefact : -	Isolated Find	3737,4738,98215
Contact		Recorders DoctorJodie Benton,Jim Kelton				Permits				
36-1-0224	OR-ST-6 (Eulomogo)	AGD	55	650300	6426330	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Scarred Tree	3737,4738
Contact		Recorders Jim Kelton				Permits				
36-1-0225	OR-ST-1 (Eulomogo)	AGD	55	649240	6428320	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Scarred Tree	3737
Contact		Recorders Jim Kelton				Permits				
Contact		Recorders Jim Kelton				Permits				

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 Office of Environment & Heritage		AHIMS Web Services (AWS)				Your Ref/PO Number : TWP2 Platypus 3km				
		Extensive search - Site list report				Client Service ID : 591345				
SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
Contact		Recorders Jim Kelton				Permits				
36-1-0226	OR-ST-2 (Eulomogo)	AGD	55	649280	6428270	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Scarred Tree	3737,4738
Contact		Recorders Jim Kelton				Permits				
36-1-0227	OR-ST-4 (Eulomogo)	AGD	55	650320	6426060	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	3737,4738
Contact		Recorders Jim Kelton				Permits				
36-1-0021	Dundallimal;	AGD	55	650921	6426608	Open site	Valid	Aboriginal Ceremony and Dreaming : -, Ceremonial Ring (Stone or Earth) : -, Hearth : -, Artefact : -, Grinding Groove : -	Axe Grinding Groove,Mound (Oven),Open Camp Site	
Contact		Recorders P Gresser,A.K. Morris				Permits				
36-1-0030	Cootha;Dubbo;	AGD	55	650955	6427521	Open site	Valid	Artefact : -	Open Camp Site	
Contact		Recorders Michael Pearson				Permits				
36-1-0190	K-OS-1;	GDA	55	651870	6427290	Open site	Valid	Artefact : -	Open Camp Site	3348
Contact		Recorders Jim Kelton				Permits				
36-1-0228	OR-ST-3 (Eulomogo)	AGD	55	650290	6426370	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Scarred Tree	3737,4738
Contact		Recorders Jim Kelton				Permits				
36-1-0229	OR-ST-5 Eulomogo)	AGD	55	650390	6425980	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Scarred Tree	3737,4738
Contact		Recorders Jim Kelton				Permits				
36-1-0191	K-ST-1;	GDA	55	651870	6427290	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Scarred Tree	3348
Contact		Recorders Jim Kelton				Permits				
36-1-0192	K-IF-1;	GDA	55	651940	6427470	Open site	Valid	Artefact : -	Isolated Find	3348
Contact		Recorders Jim Kelton				Permits				
36-1-0230	OR-ST-8 (Eulomogo)	AGD	55	649740	6427570	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Scarred Tree	3737,4738
Contact		Recorders Jim Kelton				Permits				
36-1-0515	DWTP-OS1	AGD	55	650830	6428395	Open site	Valid	Artefact : 6		
Contact		Recorders Jim Kelton				Permits				

Report generated by AHIMS Web Service on 17/05/2021 for Alyce Cameron for the following area at Datum :GDA, Zone : 55, Eastings : 645971 - 652102, Northings : 6425054 - 6431170 with a Buffer of 0 meters. Additional Info : Background, etc.. Number of Aboriginal sites and Aboriginal objects found is 115

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 Office of Environment & Heritage		AHIMS Web Services (AWS)					Your Ref/PO Number : TWPZ Platypus 3km			
		Extensive search - Site list report					Client Service ID : 591345			
SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
36-1-0613	Contact Dundullimal Reserve Scarred Tree 1 (DR-ST1)	Recorders AGD	55	650605	6426823	Open site	Valid	Modified Tree (Carved or Scarred) : -	2166,2167,2216,2305	101792
36-1-0614	Contact Dundullimal Reserve Scarred Tree 2 (DR-ST2)	Recorders AGD	55	650695	6426925	Open site	Valid	Modified Tree (Carved or Scarred) : 1		101792
36-1-0615	Contact Dundullimal Reserve Open Site with PAD (DR-OS1-WITH PAD)	Recorders AGD	55	650592	6426739	Open site	Valid	Artefact : 50		
36-1-0594	Contact C-ST-2 (Eulomogo)	Recorders AGD	55	649280	6428370	Open site	Valid	Modified Tree (Carved or Scarred) : -		4738,104289
36-1-0629	Contact Joira Road Open Site 1	Recorders GDA	55	648137	6429460	Open site	Valid	Artefact : 1, Potential Archaeological Deposit (PAD) : 1		
36-1-0676	Contact BR-ST1	Recorders GDA	55	647276	6427911	Open site	Valid	Modified Tree (Carved or Scarred) : -	3656	
36-1-0677	Contact BRIF1	Recorders GDA	55	647380	6427282	Open site	Valid	Artefact : -		
36-1-0747	Contact Obley Road IF-1	Recorders GDA	55	649554	6428288	Open site	Valid	Artefact : -		104289
36-1-0717	Contact WPZ-IF-03	Recorders GDA	55	649138	6426843	Open site	Valid	Artefact : -		
36-1-0718	Contact WPZ-ST-04	Recorders GDA	55	649347	6426815	Open site	Valid	Modified Tree (Carved or Scarred) : -		
36-1-0757	Contact WPZ-IF-04	Recorders GDA	55	649153	6428141	Open site	Valid	Artefact : -		
36-1-0750	Contact JR-OS1 - #36-1-0629 Salvaged artefact relocation	Recorders GDA	55	648137	6429460	Open site	Valid	Artefact : -	4572,4583	
36-1-0781	Contact South sir Roden cutler park	Recorders GDA	55	649662	6429762	Open site	Valid	Artefact : -		
Report generated by AHIMS Web Service on 17/05/2021 for Alyce Cameron for the following area at Datum :GDA, Zone : 55, Eastings : 645971 - 652102, Northings : 6425054 - 6431170 with a Buffer of 0 meters. Additional Info : Background, etc.. Number of Aboriginal sites and Aboriginal objects found is 115 This information is not guaranteed to be free from error omission. Office of Environment and Heritage (NSW) and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.										

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 Office of Environment & Heritage		AHIMS Web Services (AWS)					Your Ref/PO Number : TWPZ Platypus 3km			
		Extensive search - Site list report					Client Service ID : 591345			
SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
36-1-0275	Contact PR-IF-1	Recorders AGD	55	648720	6428400	Open site	Valid	Artefact : 1	Isolated Find	
36-1-0105	Contact M12 Dubbo	Recorders AGD	55	650360	6426700	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Scarred Tree	1065
36-1-0106	Contact M13 Dubbo	Recorders AGD	55	650940	6426590	Open site	Valid	Artefact : -	Open Camp Site	1065
36-1-0107	Contact M14 Dubbo	Recorders AGD	55	651780	6426690	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Scarred Tree	1065
36-1-0108	Contact M15 Dubbo	Recorders AGD	55	651200	6426450	Open site	Valid	Artefact : -	Open Camp Site	1065
36-1-0354	Contact BR-IF-01	Recorders AGD	55	648148	6427849	Open site	Valid	Artefact : 1		97606
36-1-0098	Contact M5 Dubbo	Recorders AGD	55	649920	6428100	Open site	Valid	Artefact : -	Open Camp Site	1065
36-1-0099	Contact M6 Dubbo	Recorders AGD	55	650100	6427650	Open site	Valid	Artefact : -	Open Camp Site	1065
36-1-0100	Contact M7 Dubbo	Recorders AGD	55	650100	6427100	Open site	Valid	Artefact : -, Modified Tree (Carved or Scarred) : -	Open Camp Site, Scarred Tree	1065
36-1-0101	Contact M8 Dubbo	Recorders AGD	55	650350	6427000	Open site	Valid	Artefact : -, Modified Tree (Carved or Scarred) : -	Open Camp Site, Scarred Tree	1065
36-1-0102	Contact M9 (a)(b)(c) Dubbo	Recorders AGD	55	650580	6426970	Open site	Valid	Modified Tree (Carved or Scarred) : 3	Scarred Tree	1065
36-1-0103	Contact M10 Dubbo	Recorders GDA	55	650432	6427023	Open site	Partially Destroyed	Shell : -, Potential Archaeological Deposit (PAD) : -, Artefact : 93	Open Camp Site	1065
Report generated by AHIMS Web Service on 17/05/2021 for Alyce Cameron for the following area at Datum :GDA, Zone : 55, Eastings : 645971 - 652102, Northings : 6425054 - 6431170 with a Buffer of 0 meters. Additional Info : Background, etc.. Number of Aboriginal sites and Aboriginal objects found is 115 This information is not guaranteed to be free from error omission. Office of Environment and Heritage (NSW) and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.										

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Office of Environment & Heritage

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : TWP2 Platypus 3km

Client Service ID : 591345

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
36-1-0104	M11 Dubbo	GDA	55	650317	6427023	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Scarred Tree	1065
	Contact	Recorders	N Franklin,Margrit Koettig,Rex Silcox,OzArk Environmental and Heritage Managen					Permits		
36-1-0036	Cootha, Dubbo	AGD	55	649300	6428581	Open site	Valid	Grinding Groove : -	Axe Grinding Groove	1922
	Contact	Recorders	Sabu Dunn,Michael Pearson,P Gresser,A.K. Morris					Permits		
36-1-0523	CR-OS-1	AGD	55	646620	6427110	Open site	Valid	Artefact : 4		104289
	Contact T Russell	Recorders	Jim Kelton					Permits		
36-1-0524	D-OS-1, Newell Highway	AGD	55	646300	6426100	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	Contact T Russell	Recorders	Jim Kelton					Permits		
36-1-0525	CR-ST-1	AGD	55	647150	6426980	Open site	Valid	Modified Tree (Carved or Scarred) : 1		104289
	Contact T Russell	Recorders	Jim Kelton					Permits		
36-1-0532	PS-ST-1	GDA	55	648045	6428401	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact T Russell	Recorders	Ms.Coral Peckham					Permits		
36-1-0533	PS-OS-1	GDA	55	648543	6428695	Open site	Valid	Artefact : 11		
	Contact	Recorders	Ms.Coral Peckham					Permits		
36-1-0534	PS-OS-2	GDA	55	648270	6428358	Open site	Valid	Artefact : 5		
	Contact	Recorders	Ms.Coral Peckham					Permits		
36-1-0630	Dundullimal Scarred Tree 1	GDA	55	650995	6426688	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	Recorders	Doctor Jodie Benton,OzArk Environmental and Heritage Management					Permits		
36-1-0704	Macquarie-OS1	GDA	55	651268	6427884	Open site	Destroyed	Artefact : -		103498,103670
	Contact	Recorders	OzArk Environmental and Heritage Management,OzArk Environmental and Heritag					Permits	4087	
36-1-0692	DBAS02	GDA	55	649677	6429679	Open site	Valid	Artefact : 1		
	Contact	Recorders	Everick Heritage Pty Ltd,Mr.Tim Robins					Permits		
36-1-0693	DBIA02	GDA	55	649444	6429796	Open site	Valid	Artefact : 1		
	Contact	Recorders	Everick Heritage Pty Ltd,Mr.Tim Robins					Permits		
36-1-0694	DBIA01	GDA	55	649664	6429679	Open site	Valid	Artefact : 1		
	Contact	Recorders	Everick Heritage Pty Ltd,Mr.Tim Robins					Permits		

Report generated by AHIMS Web Service on 17/05/2021 for Alyce Cameron for the following area at Datum :GDA, Zone : 55, Eastings : 645971 - 652102, Northings : 6425054 - 6431170 with a Buffer of 0 meters. Additional Info : Background, etc.. Number of Aboriginal sites and Aboriginal objects found is 115

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APPENDIX 2: ABORIGINAL HERITAGE: UNANTICIPATED FINDS PROTOCOL

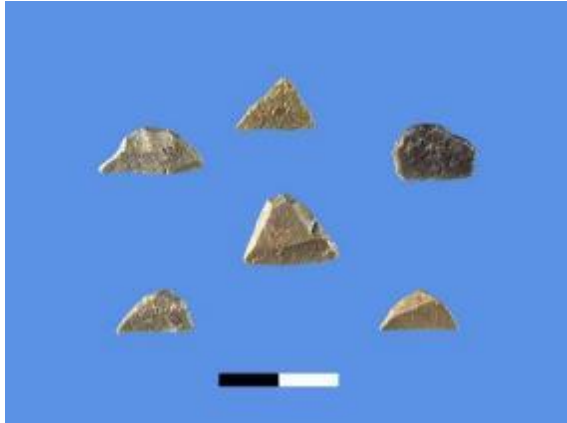
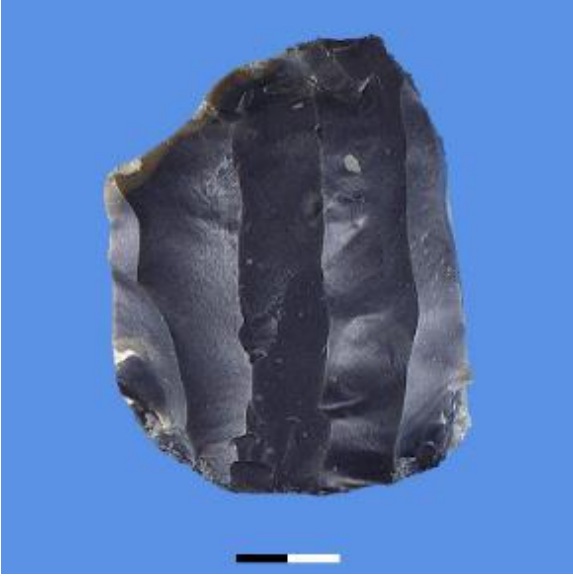
An Aboriginal artefact is anything which is the result of past Aboriginal activity. This includes stone (artefacts, rock engravings etc.), plant (culturally scarred trees) and animal (if showing signs of modification, i.e. smoothing, use). Human bone (skeletal) remains may also be uncovered while onsite.

Cultural heritage significance is assessed by the Aboriginal community and is typically based on traditional and contemporary lore, spiritual values, and oral history, and may also consider scientific and educational value.

The following protocol is to be followed if previously unrecorded or unanticipated Aboriginal object(s) are encountered:

1. If any Aboriginal object is discovered and/or harmed in, or under the land, while undertaking the proposed development activities, the proponent must:
 - a. Not further harm the object
 - b. Immediately cease all work at the location of the find
 - c. Secure the area to avoid further harm to the Aboriginal object
 - d. Notify Heritage NSW as soon as practical on (02) 9873 8500 (heritagemailbox@environment.nsw.gov.au), providing any details of the Aboriginal object and its location
 - e. Not recommence any work at the location of the find unless authorised in writing by Heritage NSW.
2. If Aboriginal burials are unexpectedly encountered during the activity, work must stop immediately, the area secured to prevent unauthorised access and NSW Police and Heritage NSW contacted.
3. Cooperate with the appropriate authorities and relevant Aboriginal community representatives to facilitate:
 - a. The recording and assessment of the find(s)
 - b. The fulfilment of any legal constraints arising from the find(s), including complying with Heritage NSW directions
 - c. The development and implementation of appropriate management strategies, including consultation with stakeholders and the assessment of the significance of the find(s).
4. Where the find(s) are determined to be Aboriginal object(s), recommencement of work in the area of the find(s) can only occur in accordance with any consequential legal requirements and after gaining written approval from Heritage NSW (normally an Aboriginal Heritage Impact Permit).

APPENDIX 3: ABORIGINAL HERITAGE: ARTEFACT IDENTIFICATION

	
Retouched blades (scale = 1cm)	Flakes
	
Microliths (scale = 1cm)	Scraper (scale = 1cm)
	
Flake characteristics (scale = 1cm)	Core from which flakes have been removed (scale = 1cm)