

Deborah Carlton  
A/Procurement Officer  
NSW Land & Housing Corporation  
Level 2 31-39 Macquarie Street  
Parramatta NSW 2150

REF/Job No: 18CAN\_10780

August 2018

Dear Deborah,

**RE: Bonnyrigg Estate – Aboriginal Objects Due Diligence Assessment**

Eco Logical Australia (ELA) has been engaged by NSW Land & Housing Corporation to conduct an Aboriginal Archaeological Due Diligence Assessment to undertake a review of previous heritage assessments and to provide heritage management advice with respect to the Bonnyrigg Estate development in Bonnyrigg NSW (**Figure 1**).

This assessment follows the due diligence Code of Practice as set out in the Office of Environment and Heritage's (OEH) *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (hereafter referred to as 'the Code') (DECCW 2010).

This due diligence process aims to determine whether Aboriginal objects will be harmed by the proposed works, as required under Part 6 of the NSW *National Parks and Wildlife Act 1974* (NSW). The Code sets out the reasonable and practicable steps which individuals and organisations need to take in order to:

1. Identify whether or not Aboriginal objects are, or are likely to be, present in an area;
2. Determine whether or not their activities are likely to harm Aboriginal objects (if present); and
3. Determine whether an Aboriginal Heritage Impact Permit (AHIP) from the OEH or further assessment is required.

**Study area location**

The study area is the residential estate bounded by Bonnyrigg Avenue, Edensor Road, Humphries Road and Cabramatta Road at Bonnyrigg, New South Wales. The study area measures approximately 88 hectares in size and falls within the boundaries of Fairfield Council, Parish of St Luke, County of Cumberland (**Figure 1**). The study area comprises of a number of residential lots within the 'Bonnyrigg Estate' residential development. The study area is located partially within the Bonnyrigg Town Centre Development Control Plan (DCP) 2010 area as well as within the Fairfield CitywideDCP 2013. The study area is located within the Gandangara Local Aboriginal Land Council area.

The land is partly zoned R1 (general residential) and RE1 (public recreation).





Figure 1: Study area

## Legislative framework for due diligence

Aboriginal objects and places in NSW are afforded protection under the *National Parks and Wildlife Act 1974* (NSW) regardless if they are registered on the Aboriginal Heritage Information Management System (AHIMS) register or not. Strict penalties apply for harm to an Aboriginal object or place without a defence under the Act. Under Section 87 of the Act there are five defences to causing harm to an Aboriginal object:

- The harm was authorised under an AHIP.
- By exercising due diligence, and be able to demonstrate this.
- The actions complied with a code of practice as described in the National Parks and Wildlife Regulation 2009, for example, undertaking test excavation in accordance with the 'Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW'.
- It was a low-impact activity or omission under the regulation and where you don't know that an Aboriginal object is already present.
- Was an exemption under Section 87A, for example emergency fire-fighting act or bush fire hazard reduction work within the meaning of the *Rural Fires Act 1997*.

If an AHIP application is required, the OEHS necessitate that it is supported by an Aboriginal Cultural Heritage Assessment (ACHA) prepared in line with the 'Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW (OEHS 2010)', and a copy an approval for the development or infrastructure under Part 4 or Part 5 of the *Environmental Planning and Assessment Act 1979* (NSW).

## Purpose and aim of the due diligence

The aims of this Aboriginal archaeological due diligence assessment are to:

- Undertake a search of the Aboriginal Heritage Information Management System (AHIMS) register maintained by the OEHS to establish if there are any previously recorded Aboriginal objects or places within the study area.
- Undertake a search of the NSW State Heritage Inventory, the Australian Heritage Database, the Fairfield Local Environment Plan LEP 2013 Schedule 5 (Environmental Heritage) and any relevant Development Control Plans in order to determine if there are any sites of Aboriginal significance or sensitivity located within the study area.
- Undertake a desktop review of relevant previous archaeological assessments to understand the local archaeological context and assist in predicting the likely occurrence of unrecorded archaeological sites or objects.
- Undertake a site inspection to identify any Aboriginal sites and areas of sensitive landforms.
- Prepare a letter style Aboriginal due diligence assessment determining if known objects or additional unrecorded objects are present within the study area, as well indicate whether further assessment and/or an AHIP is required.

No assessment for historical archaeology has been undertaken as part of this assessment.

No consultation has been undertaken as part of this due diligence. The local Aboriginal Land Council and other stakeholder groups can provide a cultural assessment for the area.



This assessment has been prepared by Caitlin Marsh, Archaeology Consultant (BA [Hons Archaeology] University of Sydney). The report was reviewed by Alistair Grinbergs, Principal Consultant (BA [Hons Archaeology] Australian National University, Graduate Diploma of Applied Science [Cultural Heritage] University of Canberra).

## Previously Recorded Aboriginal sites

### *Heritage Database Searches*

Searches of the Australian Heritage Database, the State Heritage Inventory (SHI) and Fairfield Local Environmental Plan (LEP) 2010 utilising the terms “Bonnyrigg, NSW”, and “Dickson Road” were conducted on 30 July 2018 in order to determine if any places of Aboriginal significance are located within proximity to the study area.

There are no places on the Australian Heritage Database or the Fairfield LEP of Aboriginal heritage significance within the study area.

Appendix 5 of the Fairfield Citywide DCP has identified that portions of the study area are identified as Potential Investigation Areas, which may require further assessment (**Figure 4**).

### *AHIMS Search*

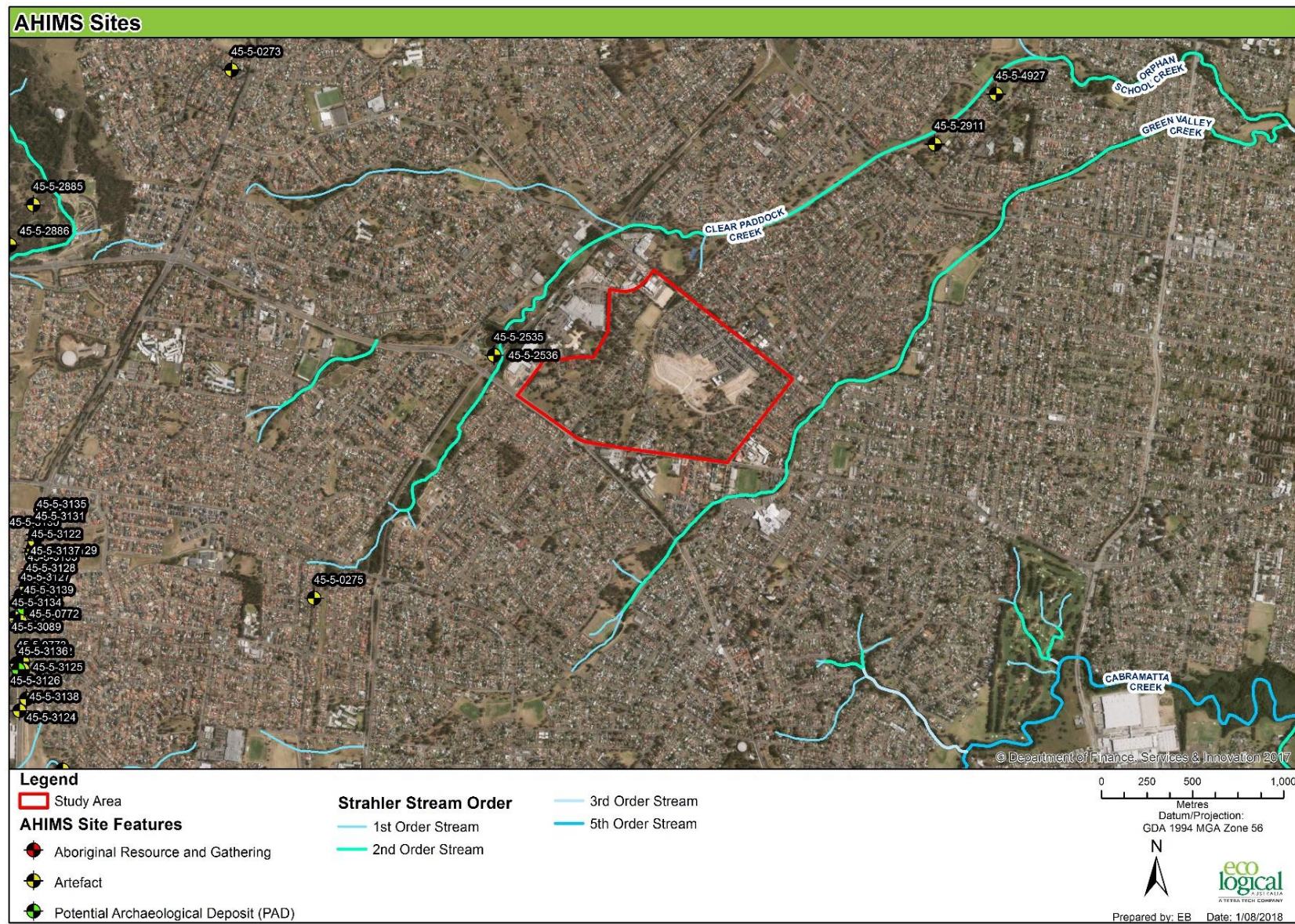
An extensive search of the Aboriginal Heritage Information Management System (AHIMS) database was conducted on 31 July 2018 covering t Lat, Long From: -33.9077, 150.8612 - Lat, Long To: -33.8717, 150.9183 with a Buffer of 1000 meters, (**Attachment A**). A total of 54 AHIMS sites\* and no Aboriginal Places were identified during this search (**Figure 2**). A breakdown by site feature is presented in Table 1 below.

**Table 1: Types of Aboriginal sites recorded within approximately 1 km of the AHIMS search area**

Site feature	Number of sites	Percentage of all sites
Artefact	48	91%
Potential Archaeological Deposit (PAD)	3	6.5%
Potential Archaeological Deposit with Deposit	1	2.5%
<b>Total number of sites</b>	<b>53</b>	<b>100%</b>

\* The same site named CPC-OCS-1 has been recorded twice under the Site ID 45-5-2535 and 45-5-2536. It has been included in the table once.

No AHIMS sites are located within the study area boundary.



**Figure 2: AHIMS sites in the vicinity of the study area**



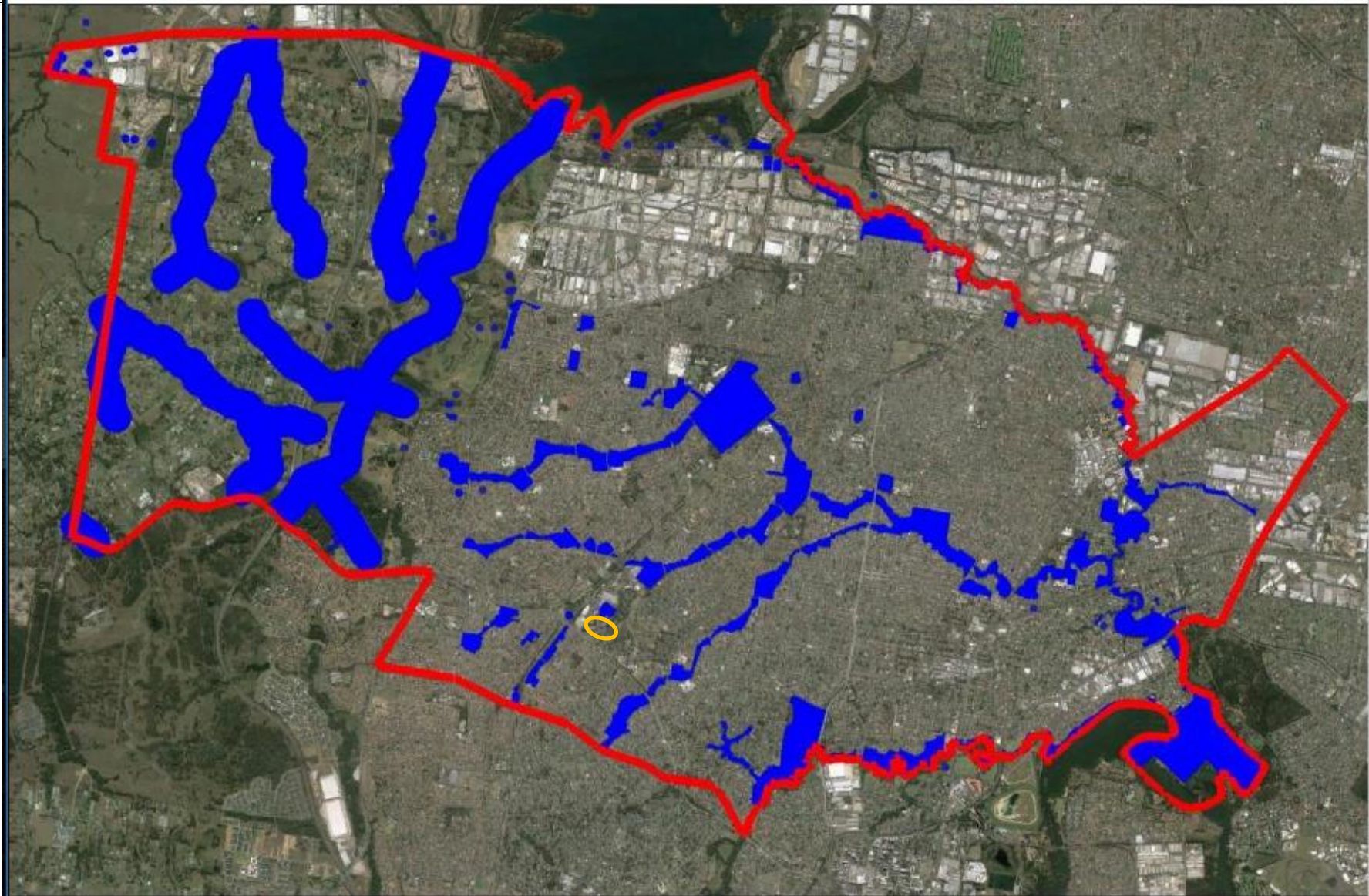


Figure 3: Fairfield City Council Aboriginal Heritage Study Potential Investigation Areas, approximate study area outlined in orange. (Mary Dallas Consulting Archaeologists 2017)





Figure 4: Study area outlined in green overlaid on the Fairfield City Council Aboriginal Heritage Study

## Soil types, landforms, geology and hydrology

### Landforms

The study area is within the broad physiographic region of Sydney known as the Cumberland Lowlands (Hazelton and Tille 1990:2). It largely comprises a generally undulating landscape of low hills or ridges with shallow creek valleys. Elevation along the study area ranges between approximately 70 m and 100 m above sea level (ASL).

### Geology

The underlying geology of the study is predominately from the Ashfield shales from the Late Triassic Wianamatta group. Ashfield shales are black mudstones and silty shales with frequent clay-ironstone bands overlying Hawkesbury sandstone (Lovering, J. F., 1954). Quaternary Alluvium is located to the north, east and south of the study area, associated with the creek lines to the north and south.

### Soils

Soil landscapes are largely determined by the underlying geology. The soil landscape located within our study area are the Blacktown Residual soil landscape (**Figure 6**). Found entirely within the study area, the Blacktown soil landscape is typical on the gently undulating rises of the Wianamatta Group. Blacktown soils consist of shallow to moderately deep hard setting texture contrast soils. Red and brown podzolic soils occur on crests and grade to yellow podzolic soils on lower slopes and along drainage lines. Erosional susceptibility of this soil landscape is relatively low but is increased where surface vegetation is not maintained. Blacktown soils have the ability to conserve archaeological deposits *in situ* but vertical stratigraphy may be lost. The South Creek Alluvial soil landscape is found just to the east of the southern portion of the study area. South Creek soils are associated with many of the active floodplains of the drainage networks that cross the Cumberland Plain. The South Creek

soil landscape is characterised by deep to very deep alluvial sediments, loams, and clays, susceptible to frequent flooding and erosion (Bannerman and Hazelton 1990).

### ***Hydrology***

There are no watercourses located within the study area. There is Clear Paddock Creek to the North and Green Valley Creek to the south east of the study area. It is possible that former drainage lines may have existed within the study area prior to the mass earthworks involved with the construction of the housing estate.

## **Previous Aboriginal Archaeological Studies**

### ***Local Archaeological Context***

A number of archaeological investigations have been conducted over the past 30 years in response to the planning and development of the south western Sydney area. The results of some of the assessments within the vicinity of the study area are listed below.

John Oultram Heritage and Design. 2007. Bonnyrigg Living Communities Project Heritage and Aboriginal Impact Report. Report to Becton Property Group Limited.

John Oultram (with the assistance of Dominic Steele for the Aboriginal sections of the report) conducted a heritage impact assessment which covered the same study area as this report. This report concluded that the Aboriginal archaeological potential within the study is “extremely low” due to the highly developed nature of the study area. It was noted that there were no obvious archaeological or cultural heritage constraints for the future development.

Mary Dallas Consulting Archaeologists. 2017. Fairfield City Aboriginal Heritage Study. Prepared for Fairfield City Council.

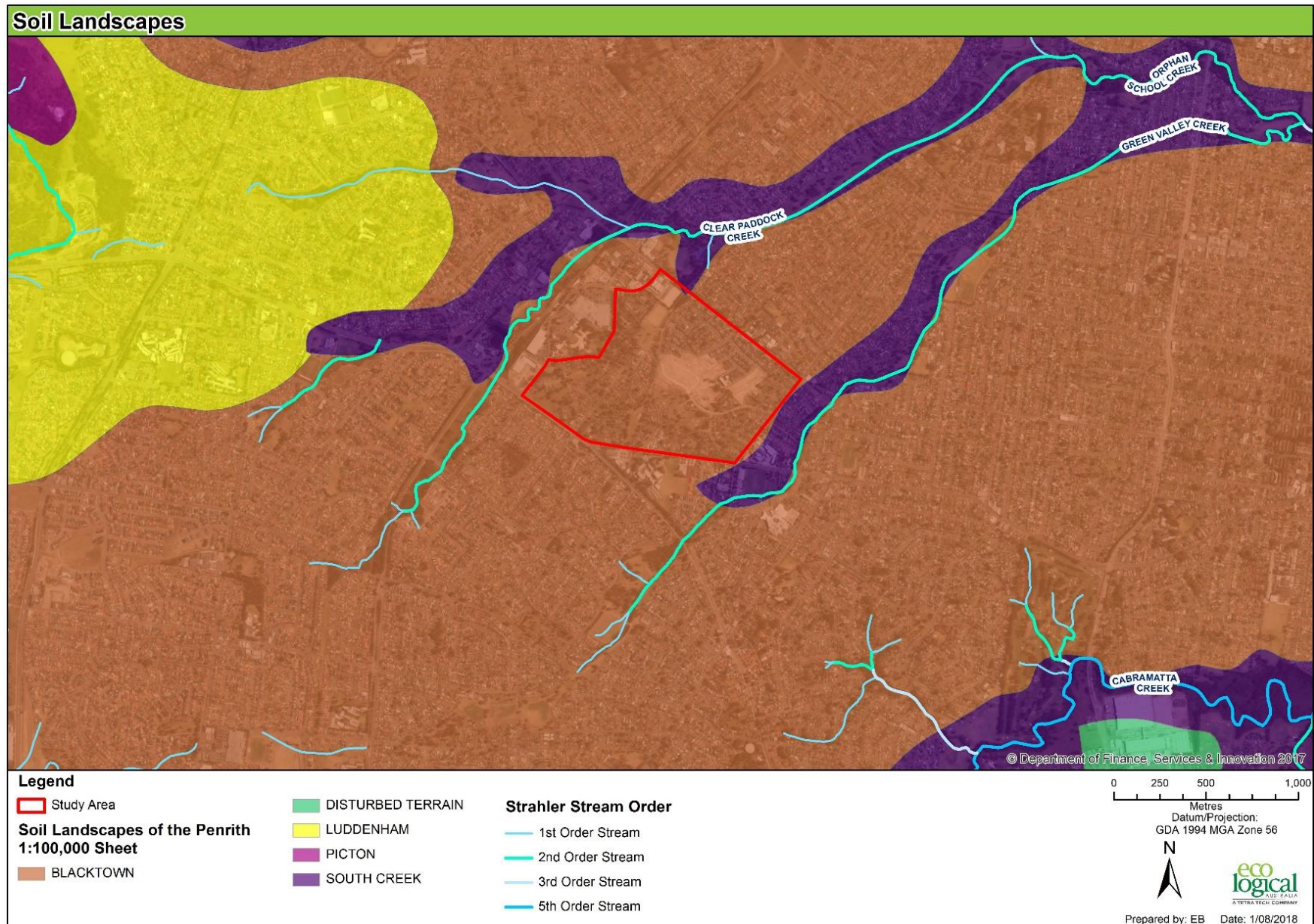
Mary Dallas Consulting Archaeologists (MDCA) were commissioned to undertake an Aboriginal Heritage Study of the entire Fairfield Local Government Area (LGA). As a result of this study a map was produced (see Figure 3) which identified areas of Potential Investigation Areas.

This report details the Aboriginal history of the area, noting that the LGA area was home to Aboriginal people in the past, with evidence of their occupation particularly present along creek lines. Following European settlement, and wide scale sickness within the Aboriginal community the lives of Aboriginal people in western Sydney and the Cumberland Plain changed at this time. The number of new ‘heritage’ (like scarred trees) were being created as a much lesser rate than before. Large scale development in the Fairfield area following the post-World War II boom in urban and industrial development in the area – including near the study area for this report.

MDCA make note of the change in the way that Aboriginal heritage is created in the post-Contact context – just because Aboriginal people are not necessarily making ‘things’, the new associations with things, places and people could hold contemporary significance to Aboriginal people living within the local area. Some more recent sites of importance to the local Aboriginal community, which were identified in this report are located within the study area of the Bonnyrigg Estate.

There has been a fluctuating Aboriginal presence within the Liverpool region following European settlement. It is impossible to get accurate numbers due to incomplete record keeping during the nineteenth century. During the 1960 and 1970s there was a mass migration of Aboriginal people into the Fairfield area as part of a large scale Housing Commission resettlement program. The suburb of Bonnyrigg was established in the 1980s as a Housing Commission suburb in the 1980s. Aboriginal community programs were established in the area to cater to the influx of new people into the community, such as the Lil Possums Aboriginal playgroup (located within Bonnyrigg Public School).





**Figure 5: Soil landscapes and hydrology of the study area**

As part of the study an assessment of archaeological sensitivity MDCA identified three heritage items which are located within the study area for this report. Further description of these items is included in Step 4 of the Due Diligence process detailed below.

The purpose of the MDCA report was to outline a process for dealing with the existing Aboriginal Heritage sites as recorded on the Aboriginal Heritage Information Management System (AHIMS) as well as Aboriginal historical heritage sites. The Council is in possession of a map within their Land Information System which contains all 'Potential Investigation Areas'. If impacts to a known potential Aboriginal heritage site can be avoided by following certain procedures, these must be followed in accordance with recommendation from the heritage study.

## Predictive Model

Based on the material evidence and range of archaeological sites across the region, it is clear that Aboriginal people have been utilising the land and resources within the south west Sydney region for thousands of years. The predictive model outlined in **Table 2** below has been developed for the study area based on the AHIMS Search results, landscape modelling, and regional and local Aboriginal archaeological context outlined above.

**Table 2: Predictive model**

Site Type	Description
Open Camp Sites / Stone Artefact Scatters / Isolated Finds	<p>Open camp sites represent past Aboriginal subsistence and stone knapping activities, and include archaeological remains such as stone artefacts and hearths. This site type usually appears as surface scatters of stone artefacts in areas where vegetation is limited and ground surface visibility increases. Such scatters of artefacts are also often exposed by erosion, agricultural events such as ploughing, and the creation of informal, unsealed vehicle access tracks and walking paths. These types of sites are often located on dry, relatively flat land along or adjacent to rivers and creeks. Camp sites containing surface or subsurface deposit from repeated or continued occupation are more likely to occur on elevated ground near the most permanent, reliable water sources. Flat, open areas associated with creeks and their resource-rich surrounds would have offered ideal camping areas to the Aboriginal inhabitants of the local area.</p> <p>Isolated finds may represent a single item discard event, or be the result of limited stone knapping activity. The presence of such isolated artefacts may indicate the presence of a more extensive, in situ buried archaeological deposit, or a larger deposit obscured by low ground visibility. Isolated artefacts are likely to be located on landforms associated with past Aboriginal activities, such as ridgelines that would have provided ease of movement through the area, and level areas with access to water, particularly creeks and rivers.</p> <p>Artefact scatters and isolated artefacts are common site types often found in association with fresh water, and/or food resource gathering areas. Previous archaeological investigations conducted within the surrounding area identified areas of higher archaeological significance are more likely to be found within 100 m of established creeks. Considering the proximity of our study area to a Clear Paddock Creek to the north and Green Valley Creek to the , depending on the level of ground disturbance, it is possible that previously unrecorded artefact scatters or isolated artefacts could occur in the study area.</p>
Potential Archaeological Deposit	Potential Archaeological Deposits (or PADs) are areas where there is no surface expression of stone artefacts, but due to a landscape feature there is a strong likelihood that the area will contain buried deposits of stone artefacts. Landscape features which may feature in PADs include



Site Type	Description
	<p>proximity to waterways, particularly terraces and flats near 3<sup>rd</sup> order streams and above, ridge lines and ridge tops and sand dune systems.</p> <p>Previous archaeological investigation within the surrounding area revealed the presence of subsurface archaeological deposits and areas of identified potential archaeological deposit. Given the study area contains no natural waterways, there is lower potential for PADs to exist.</p>

## Due Diligence Assessment Process

Due diligence is defined in the CoP as “taking reasonable and practical steps to determine whether a person’s actions will harm an Aboriginal object and, if so, what measures can be taken to avoid that harm”. The following section relates to the generic due diligence process as applied to the study area.

### **Step 1 – Will the activity disturb the ground surface or any culturally modified trees?**

Yes, the development of the land for residential housing will require grading, trenching and excavation works which will result in ground disturbance.

There are no recorded culturally modified trees within the study area.

### **Step 2 – Are there any a) relevant confirmed site records on AHIMS, other sources of information, or b) landscape features that are likely to indicate presence of Aboriginal objects?**

Consequently, if your proposed activity is:

- Within 200m of waters, or
- located within a sand dune system, or
- located on a ridge top, ridge line or headland, or
- located within 200m below or above a cliff face, or
- within 20m of or in a cave, rock shelter, or a cave mouth;
- and is on land that is not disturbed land then you must go to step 3.

*“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.”(DECCW 2010)*

A search of the AHIMS register identified no AHIMS sites within the study area boundary and 54 within one kilometre of the surrounding landscape of the study area (**Figure 4**). The majority of the sites are located associated with creek lines and lower disturbance creek plateaus.

No natural waterways pass through the study area. Clear Paddock Creek runs to the north west of the study area and Green Valley Creek is located to the south east.

***Step 3 – Can harm to Aboriginal objects listed on AHIMS or identified by other sources of information and/or can the carrying out of the activity at the relevant landscape features be avoided?***

There are no registered AHIMS sites located within the study area.

***Step 4 – Does the desktop and visual assessment confirm that there are Aboriginal objects or that they are likely?***

Site inspection of the study area was undertaken by ELA archaeologist Caitlin Marsh on 2<sup>nd</sup> August 2018. A targeted survey of the identified “Potential Investigation Areas” (PIA) as recognised in the MDCA Heritage Study was undertaken. As two of the identified properties were located within private property which could not be entered during this survey, they were surveyed from the road. The ground surface surrounding the areas surveyed contained very little natural topsoil over clay. The ground, even within areas of grassed over parkland shows evidence of historical and more recent disturbance (Figure 6).

As noted above there are three PIA listed within the study area:

1. **30 Bradfield Crescent** which is the location of Yvonne Clayton’s House (Figure 7). It was used by Yvonne as a meeting place and refuge for Aboriginal people between the years 1981 and her passing in 2013. Following her passing, the occupation of the house passed on to non-Aboriginal residents. There is currently no statutory protection of the site.
2. The empty block of land at **36 Bradfield Crescent** contains a large mature gum tree which was saved from clearance by Yvonne Clayton in the 1990s (Figure 8). It was identified in MDCA’s Aboriginal Heritage Study as being of importance to the local Aboriginal people. There is no statutory protection of the site. There is no evidence for cultural modification to the tree. The rest of the block of land is predominately cleared and covered in grass.
3. **6 Bonnyrigg Ave** is the location of the Urimbirra Aboriginal and Torres Strait Islander Corporation (Figure 9). It was established in the 1980s as a social hub for newly moved Aboriginal people to the Bonnyrigg social housing estate. The house was a community hub from the 1980s to the early 2000s. Since that time it has been transferred to private ownership again.

Along the boundary of the study area is the Bonnyrigg Public school which is identified as a place of potential investigation because it runs an Aboriginal playgroup for local children. From within the study area the impact to this item will be negligible. The building where the playgroup is held is not visible from the street.





**Figure 6: Evidence of recent disturbance within an open park**



**Figure 7: 30 Bradfield Crescent, facing north**



**Figure 8: View facing north of the mature eucalypt within the lot at 36 Bradfield Crescent**



**Figure 9: 6 Bonnyrigg Avenue, the location of the former Urimbirra Aboriginal and Torres Strait Islander Corporation**

## Conclusions

The purpose of the Aboriginal heritage due diligence is to identify if there are registered Aboriginal sites and/or sensitive landforms which may indicate the presence of Aboriginal sites and may therefore require further assessment and approval under Part 6 of the *National Parks and Wildlife Act 1974*.

ELA has undertaken an extensive search of the Aboriginal Heritage Information Management System (AHIMS) database maintained by the Office of Environment & Heritage (OEH) which did not identify any sites within the study area.

A site inspection undertaken by ELA archaeologist Caitlin Marsh on 2<sup>nd</sup> August 2018. All areas of ground exposure were inspected, and no Aboriginal artefacts were identified. The three Potential Investigation Areas were surveyed from the road. There is no statutory protection for these sites under current heritage legislation including the *National Parks and Wildlife Act 1974* and the *Heritage Act 1974*. The absence of protection for the identified potential Aboriginal heritage sites rests with the fact that they are not listed on any statutory register. Further, the sites are not included on Schedule 5 of the *Fairfield Local Environmental Plan 2013*.

In order to address the Potential Investigation Areas, further explanation from Fairfield Council is required to clarify the status of the protection placed on the items located within the study area. Consultation with local Aboriginal people may be undertaken to assist with the process.

The study area is located within a suburban area which has been heavily modified in order to construct the roads, infrastructure and houses as part of the existing subdivision. Significant disturbances related to current land use: residential development have impacted the entire study area. There is low potential for intact archaeological deposits to occur at the study area location.

Based on the desktop review and site inspection further Aboriginal heritage assessment is not warranted.

## **Recommendations**

Based on the findings of this due diligence and the requirement of the NP&W Act the following is recommended:

### **Recommendation - General measures**

- Aboriginal objects are protected under the NPW Act regardless if they are registered on AHIMS or not. If suspected Aboriginal objects, such as stone artefacts are located during future works, works must cease in the affected area and an archaeologist called in to assess the finds. If the finds are found to be Aboriginal objects, the OEH must be notified under section 89A of the NPW Act. Appropriate management and avoidance or approval under a section 90 AHIP should then be sought if Aboriginal objects are to be moved or harmed.
- In the extremely unlikely event that human remains are found, works should immediately cease and the NSW Police should be contacted. If the remains are suspected to be Aboriginal, the OEH may also be contacted at this time to assist in determining appropriate management.

### **Potential Investigation Areas**


In regard to the Potential Investigation items located within the study area, unless there is clarification from Fairfield Council there is no statutory protection for these sites, and there is no identified management plan for dealing with development within or adjacent to them. Aboriginal sites already recorded on AHIMS and areas of potential, such as those within undisturbed contexts adjacent to creeks and ridgelines are also identified within the Due Diligence Code of Practice.

The tree located within 36 Bradfield Crescent could potentially be incorporated into an open space such as a park as part of the Masterplan reorganisation of green space. An interpretive panel could be included which highlights the connection to Yvonne Clayton and her success in saving the tree from being knocked over.

Please contact me if you require further information in regard to Aboriginal heritage assessment on 02 8536 8663.



Yours sincerely,

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

Caitlin Marsh  
ELA Archaeology Consultant

## References

Clark, N.R. and Jones, D.C., (Eds) 1991. Penrith 1:100,000 Geological Sheet 9030. New South Wales Geological Survey, Sydney

Hazelton, P A, Bannerman S M and P J Tille 1989. *Soil landscapes of the Penrith 1:100 000 Sheet*. Soil Conservation Service of NSW, Sydney.

John Oultram Heritage & Design 2007. *Bonnyrigg Housing Estate Bonnyrigg Living Communities Project Heritage & Aboriginal Heritage Impact Report*. Prepared for Becton Property Group Limited.

OEH, September 2010. *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*. Office of Environment and Heritage, Sydney

Mary Dallas Consultant Archaeologists (MDCA) 2017. *Fairfield City Council Aboriginal Heritage Study*. Prepared for Fairfield City Council.



## Attachment A – Basic and Extensive AHIMS searches on 30/07/2018



Office of  
Environment  
& Heritage

## AHIMS Web Services (AWS) Search Result

Purchase Order/Reference : 10780 b

Client Service ID : 360590

Eco Logical Australia Pty Ltd - Sydney

PO Box 12 668 Old Princes Hwy

Sutherland New South Wales 1499

Attention: Caitlin Marsh

Email: caitlin.marsh@ecoaus.com.au

Date: 30 July 2018

Dear Sir or Madam:

**AHIMS Web Service search for the following area at Lat. Long From : -33.9077, 150.8612 - Lat. Long To : -33.8717, 150.9183 with a Buffer of 1000 meters, conducted by Caitlin Marsh on 30 July 2018.**

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



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

54	Aboriginal sites are recorded in or near the above location.
----	--

0	Aboriginal places have been declared in or near the above location. *
---	---



Office of  
Environment  
& Heritage

## AHIMS Web Services (AWS)

### Extensive search - Site list report

Your Ref/PO Number : 10780 b

Client Service ID : 360590

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-5-2523	OSC-IF-1	AGD	56	305450	6250350	Open site	Valid	Artefact : -	Isolated Find	98743,102196
	<u>Contact</u>	<u>Recorders</u>	Mrs.Robynne Mills					<u>Permits</u>		
45-5-2524	OSC-IF-2	AGD	56	305410	6250320	Open site	Valid	Artefact : -	Isolated Find	98743,102196
	<u>Contact</u>	<u>Recorders</u>	Mrs.Robynne Mills					<u>Permits</u>		
45-5-2535	CPC-OCS-1,	AGD	56	304180	6248000	Open site	Valid	Artefact : -	Open Camp Site	
	<u>Contact</u>	<u>Recorders</u>	ASRSYS					<u>Permits</u>		
45-5-2536	CPC-OCS-1	AGD	56	304180	6248000	Open site	Valid	Artefact : -	Open Camp Site	
	<u>Contact</u>	<u>Recorders</u>	Mrs.Robynne Mills					<u>Permits</u>		
45-5-2022	Cowpasture Road;Bossley Park;	GDA	56	303017	6249966	Open site	Valid	Artefact : -	Open Camp Site	103366
	<u>Contact</u>	<u>Recorders</u>	Mary Dallas Consulting Archaeologists,Michael Guider,Ms.Tamika Goward					<u>Permits</u>		
45-5-0980	Abbotsbury 4 - duplicate of 45-5-0948	AGD	56	302600	6250700	Open site	Valid	Artefact : -	Open Camp Site	2950,98435,103366
	<u>Contact</u>	<u>Recorders</u>	Kerry Navin,Doctor.Susan McIntyre-Tamwoy					<u>Permits</u>		
45-5-2354	FCF1;	AGD	56	301200	6248880	Open site	Valid	Artefact : -	Open Camp Site	
	<u>Contact</u>	<u>Recorders</u>	Tony Kondek					<u>Permits</u>		
45-5-0273	Cowpasture Road	GDA	56	302843	6249745	Open site	Valid	Artefact : -	Open Camp Site	260,1018,103366
	<u>Contact</u>	<u>Recorders</u>	Mary Dallas Consulting Archaeologists,Jenny Hanrahan,Ms.Tamika Goward					<u>Permits</u>		
45-5-0922	Abbotsbury 3;	AGD	56	302680	6250830	Open site	Valid	Artefact : -	Open Camp Site	98435,103366
	<u>Contact</u>	<u>Recorders</u>	Kerry Navin					<u>Permits</u>		
45-5-0425	Cowpasture Road 2	AGD	56	301810	6245740	Open site	Valid	Artefact : -	Open Camp Site	371,521,1018,98369,98370,98443
	<u>Contact</u>	<u>Recorders</u>	Ms.Bronwyn Conyers					<u>Permits</u>		
45-5-0275	Green Valley School	AGD	56	303192	6246676	Open site	Valid	Artefact : -	Open Camp Site	260,1018
	<u>Contact</u>	<u>Recorders</u>	Jenny Hanrahan					<u>Permits</u>		
45-5-0769	HC-1 (Hinchinbrook Creek)	AGD	56	301840	6244700	Open site	Valid	Artefact : -	Open Camp Site	1727,98369,98370,98371,98443,98739
	<u>Contact</u>	<u>Recorders</u>	Alice Gorman,Laura-Jane Smith					<u>Permits</u>	638	
45-5-0771	HC-3 (Hinchinbrook Creek)	AGD	56	302000	6244700	Open site	Valid	Artefact : -	Open Camp Site	1727,98369,98370,98371,98443,98739
	<u>Contact</u>	<u>Recorders</u>	Alice Gorman,Laura-Jane Smith					<u>Permits</u>	638	
45-5-0774	HC-6 (Hinchinbrook Creek)	AGD	56	301430	6245400	Open site	Valid	Artefact : -	Open Camp Site	1727,98369,98370,98371,98443
	<u>Contact</u>	<u>Recorders</u>	Alice Gorman,Laura-Jane Smith					<u>Permits</u>		

Report generated by AHIMS Web Service on 30/07/2018 for Caitlin Marsh for the following area at Lat, Long From : -33.9077, 150.8612 - Lat, Long To : -33.8717, 150.9183 with a Buffer of 1000 meters. Additional Info : to inform a dd assessment. Number of Aboriginal sites and Aboriginal objects found is 54

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.





## AHIMS Web Services (AWS)

### Extensive search - Site list report

Your Ref/PO Number : 10780 b

Client Service ID : 360590

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-5-2646	CH-1	AGD	56	301480	6247850	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Australian Museum Consulting (AM Consulting)					<a href="#">Permits</a>		
45-5-2650	OSC-OS-1/PAD 3	AGD	56	305450	6250350	Open site	Valid	Potential Archaeological Deposit (PAD) :-		98743,102196
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Mrs.Robynne Mills					<a href="#">Permits</a>	1320,1405	
45-5-2819	Glen Elgin	AGD	56	303060	6249780	Open site	Valid	Artefact : -		103366
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Michael Guider					<a href="#">Permits</a>		
45-5-2820	Fairfield GC	GDA	56	306665	6250925	Open site	Valid	Artefact : -		98743,102196
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Michael Guider,Murray Brown,Mr.Paul Irish					<a href="#">Permits</a>		
45-5-2811	OSC-OS-1	AGD	56	305450	6250350	Open site	Valid	Artefact : -		98743,102196
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Megan Mebberson					<a href="#">Permits</a>		
45-5-2884	A-IF-1	AGD	56	301170	6248950	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Jim Kelton					<a href="#">Permits</a>		
45-5-2885	A-IF-2	AGD	56	301650	6248820	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Jim Kelton					<a href="#">Permits</a>		
45-5-2886	A-OS-1	AGD	56	301520	6248600	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Jim Kelton					<a href="#">Permits</a>		
45-5-2911	Clear Paddock Creek	AGD	56	306600	6249150	Open site	Valid	Artefact : 6		102196
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Michael Guider					<a href="#">Permits</a>		
45-5-2912	Brickmakers Creek	AGD	56	307950	6245250	Open site	Destroyed	Artefact : 8		102196
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Michael Guider					<a href="#">Permits</a>		
45-5-3122	IF2, Green Valley	AGD	56	301640	6246926	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Ms.Fiona Leslie					<a href="#">Permits</a>		
45-5-3123	IF1, Green Valley	AGD	56	301663	6247065	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Ms.Fiona Leslie					<a href="#">Permits</a>		
45-5-3124	CP10	AGD	56	301612	6246127	Open site	Valid	Artefact : 11		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Ms.Fiona Leslie					<a href="#">Permits</a>		
45-5-3125	CP9	AGD	56	301570	6246280	Open site	Valid	Artefact : 7		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Ms.Fiona Leslie					<a href="#">Permits</a>	2636,2974	
45-5-3126	CP8	AGD	56	301592	6246328	Open site	Valid	Artefact : 4		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Ms.Fiona Leslie					<a href="#">Permits</a>	2636,2974	
45-5-3127	CP6	AGD	56	301581	6246692	Open site	Valid	Artefact : 10		
	<a href="#">Contact</a>	<a href="#">Recorders</a>	Ms.Fiona Leslie					<a href="#">Permits</a>		
45-5-3128	CP5	AGD	56	301610	6246741	Open site	Valid	Artefact : 27		

Report generated by AHIMS Web Service on 30/07/2018 for Caitlin Marsh for the following area at Lat, Long From : -33.9077, 150.8612 - Lat, Long To : -33.8717, 150.9183 with a Buffer of 1000 meters. Additional Info : to inform a dd assessment. Number of Aboriginal sites and Aboriginal objects found is 54

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.



Office of  
Environment  
& Heritage

## AHIMS Web Services (AWS) Extensive search - Site list report

Your Ref/PO Number : 10780 b

Client Service ID : 360590

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	<a href="#">Contact</a> T Russell	<a href="#">Recorders</a> Ms.Fiona Leslie						<a href="#">Permits</a>	2974	
45-5-3129	CP4	AGD	56	301649	6246948	Open site	Valid	Artefact : 5		
	<a href="#">Contact</a> T Russell	<a href="#">Recorders</a> Ms.Fiona Leslie						<a href="#">Permits</a>		
45-5-3131	CP2	AGD	56	301661	6247023	Open site	Valid	Artefact : 3		
	<a href="#">Contact</a> T Russell	<a href="#">Recorders</a> Ms.Fiona Leslie						<a href="#">Permits</a>		
45-5-3132	IF5, Green Valley	AGD	56	301592	6246287	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a> T Russell	<a href="#">Recorders</a> Ms.Fiona Leslie						<a href="#">Permits</a>	2636,2974	
45-5-3133	IF, Green Valley	AGD	56	301620	6246800	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a> T Russell	<a href="#">Recorders</a> Ms.Fiona Leslie						<a href="#">Permits</a>		
45-5-3134	CP7	AGD	56	301578	6246553	Open site	Valid	Artefact : 2		
	<a href="#">Contact</a> T Russell	<a href="#">Recorders</a> Ms.Fiona Leslie						<a href="#">Permits</a>	2636,2974	
45-5-3135	CP1, Green Valley	AGD	56	301669	6247089	Open site	Valid	Artefact : 2		
	<a href="#">Contact</a> T Russell	<a href="#">Recorders</a> Ms.Fiona Leslie						<a href="#">Permits</a>		
45-5-3136	PAD 2, Green Valley	AGD	56	301568	6246287	Open site	Valid	Potential Archaeological Deposit (PAD) :-		
	<a href="#">Contact</a> T Russell	<a href="#">Recorders</a> Ms.Fiona Leslie						<a href="#">Permits</a>		
45-5-3137	IF3, Green Valley	AGD	56	301635	6246835	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a> T Russell	<a href="#">Recorders</a> Ms.Fiona Leslie						<a href="#">Permits</a>	2974	
45-5-3138	IF6,	AGD	56	301574	6246063	Open site	Valid	Artefact : 1		
	<a href="#">Contact</a> T Russell	<a href="#">Recorders</a> Ms.Fiona Leslie						<a href="#">Permits</a>	2636,2974	
45-5-3139	PAD1, Green Valley	AGD	56	301599	6246621	Open site	Valid	Potential Archaeological Deposit (PAD) :-		
	<a href="#">Contact</a> T Russell	<a href="#">Recorders</a> Ms.Fiona Leslie						<a href="#">Permits</a>		
45-5-3089	PAD 2a	AGD	56	301599	6246621	Open site	Valid	Aboriginal Resource and Gathering : 100		
	<a href="#">Contact</a> Searle	<a href="#">Recorders</a> Ms.Fiona Leslie						<a href="#">Permits</a>		
45-5-0274	Bosley Park	GDA	56	302911	6250030	Open site	Valid	Artefact : -	Open Camp Site	260,1018,9843 5,103366
	<a href="#">Contact</a>	<a href="#">Recorders</a> Mary Dallas Consulting Archaeologists,Jenny Hanrahan,Ms.Tamika Goward						<a href="#">Permits</a>		
45-5-0948	Abbotsbury 4;	AGD	56	302600	6250700	Open site	Valid	Artefact : -	Open Camp Site	2620,98435,10 3366
	<a href="#">Contact</a>	<a href="#">Recorders</a> Elizabeth Rich						<a href="#">Permits</a>		
45-5-3130	CP3	AGD	56	301656	6246990	Open site	Valid	Artefact : 3		
	<a href="#">Contact</a> T Russell	<a href="#">Recorders</a> Ms.Fiona Leslie						<a href="#">Permits</a>		

Report generated by AHIMS Web Service on 30/07/2018 for Caitlin Marsh for the following area at Lat, Long From : -33.9077, 150.8612 - Lat, Long To : -33.8717, 150.9183 with a Buffer of 1000 meters. Additional Info : to inform a dd assessment. Number of Aboriginal sites and Aboriginal objects found is 54

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.





Office of  
Environment  
& Heritage

## AHIMS Web Services (AWS)

### Extensive search - Site list report

Your Ref/PO Number : 10780 b

Client Service ID : 360590

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-5-0424	Whitford Road 1	AGD	56	302760	6245390	Open site	Valid	Artefact : -	Open Camp Site	371,521,1018,9 8369,98370,98 371,98443
	<a href="#">Contact</a>									
		<a href="#">Recorders</a>	Ms.Bronwyn Conyers					<a href="#">Permits</a>		
45-5-0772	HC-4 (Hinchinbrook Creek)	AGD	56	301550	6246570	Open site	Valid	Artefact : -	Open Camp Site	1727
	<a href="#">Contact</a>									
		<a href="#">Recorders</a>	Alice Gorman,Laura-Jane Smith					<a href="#">Permits</a>		
45-5-0773	HC-5 (Hinchinbrook Creek)	AGD	56	301560	6246320	Open site	Valid	Artefact : -	Open Camp Site	1727
	<a href="#">Contact</a>									
		<a href="#">Recorders</a>	Alice Gorman,Laura-Jane Smith					<a href="#">Permits</a>		
45-5-3631	A-OS-2 (Liverpool)	AGD	56	301130	6248810	Open site	Valid	Artefact : 4		
	<a href="#">Contact</a>									
		<a href="#">Recorders</a>	Jim Kelton					<a href="#">Permits</a>		
45-5-2021	SCR Abbotsbury	AGD	56	302580	6250020	Open site	Destroyed	Artefact : -	Open Camp Site	98435,103366
	<a href="#">Contact</a>									
		<a href="#">Recorders</a>	Michael Guider					<a href="#">Permits</a>		
45-5-4203	HPA PAD 1	AGD	56	301253	6246443	Open site	Valid	Artefact : 1, Potential Archaeological Deposit (PAD) : 1		
	<a href="#">Contact</a>									
		<a href="#">Recorders</a>	Mary Dallas Consulting Archaeologists,Mr.Paul Irish					<a href="#">Permits</a>	3562	
45-5-4927	King Park artifact	GDA	56	307041	6249613	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>									
		<a href="#">Recorders</a>	Mr.Mark Rice					<a href="#">Permits</a>		
45-5-5014	FGC IF1	GDA	56	306006	6251007	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>									
		<a href="#">Recorders</a>	Murray Brown,Mr.Paul Irish					<a href="#">Permits</a>		
45-5-5015	FS OC1	GDA	56	306275	6250865	Open site	Valid	Artefact : -		
	<a href="#">Contact</a>									
		<a href="#">Recorders</a>	Murray Brown,Mr.Paul Irish					<a href="#">Permits</a>		

Report generated by AHIMS Web Service on 30/07/2018 for Caitlin Marsh for the following area at Lat, Long From : -33.9077, 150.8612 - Lat, Long To : -33.8717, 150.9183 with a Buffer of 1000 meters. Additional Info : to inform a dd assessment. Number of Aboriginal sites and Aboriginal objects found is 54

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.