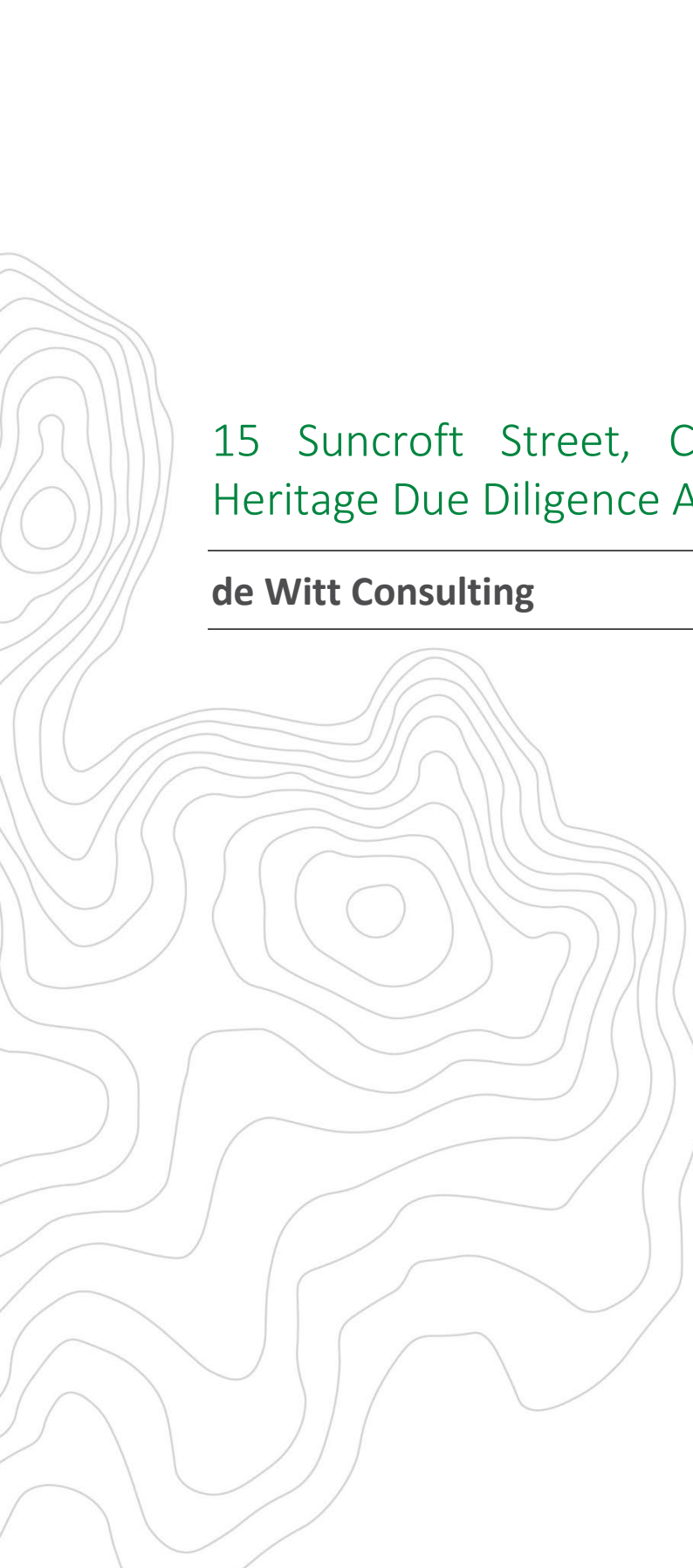


A stylized topographic map with green contour lines is positioned on the left side of the page, extending from the top left towards the bottom left.

15 Suncroft Street, Chisholm, NSW - Aboriginal Heritage Due Diligence Assessment

de Witt Consulting

DOCUMENT TRACKING

Project Name	15 Suncroft Street, Chisholm NSW – Aboriginal Heritage Due Diligence Assessment
Project Number	24NEW - 8064
Project Manager	Jennifer Norfolk
Prepared by	Chloe Verman
Reviewed by	Jennifer Norfolk
Approved by	Dr Gary Marriner
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Template 2.8.1

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Abbreviations

Abbreviation	Description
ACHA	Aboriginal Cultural Heritage Assessment
AHIMS	Aboriginal Heritage Information Management System
AHD	Australian Heritage Database
AHIP	Aboriginal Heritage Impact Permit
DECCW	Department of Environment, Climate Change and Water
DCP	Development Control Plan
ELA	Eco Logical Australia
EPA Act	Environmental Planning and Assessment Act 1979
GDA	Geocentric Datum of Australia
GIS	Geographic Information System
LALC	Local Aboriginal Land Council
LEP	Local Environmental Plan
LGA	Local Government Area
NPW Act	National Parks and Wildlife Act 1974
PAD	Potential Archaeological Deposit
RAP	Registered Aboriginal Party
SEARs	Secretary's Environmental Assessment Requirements
SHI	State Heritage Inventory

1. Introduction

1.1 Project background

Eco Logical Australia Pty Ltd (ELA) were engaged by de Witt Consulting to undertake an Aboriginal Due Diligence Assessment of 15 Suncroft Street, Chisholm, NSW (hereafter referred to as ‘the Study Area’) to identify if Aboriginal objects are likely to be located within the Study Area and, if so, whether the proposed works have the potential to harm those objects. The assessment will determine whether further assessment and an Aboriginal Heritage Impact Permit is required.

The due diligence process involves *“taking reasonable and practical measures to determine whether your actions will harm an Aboriginal object and, if so, what measures can be taken to avoid that harm”* (DECCW 2010a:4).

This assessment outlines the findings of the Aboriginal Heritage Due Diligence Assessment of the Study Area, in accordance with the *Due Diligence Code of Practice for the protection of Aboriginal Objects in New South Wales* (DECCW 2010a).

1.1.1 Study Area

The Study Area is located immediately south of 15 Suncroft Street, Chisholm NSW (Lot 3156, DP1267803) within the Maitland Local Government Area (LGA) and within the boundaries of Mindaribba Local Aboriginal Land Council (LALC) (see Figure 1). The Study Area is bordered to the north by Suncroft Street, to the east by Mayo Crescent, to the west by Trampore Esplanade and to the south by Raymond Terrace Road. An artificial dam is immediately adjacent to the Study Area on its western side, south of Trampore Esplanade. The Study Area comprises of land which has been previously subject to vegetation clearing, agricultural, and quarrying activities.

1.1.2 Proposed works

The proposed works include the development of sporting facilities, featuring the construction of two sports fields, an amenity building, adjacent carpark, playground, and cricket nets. This will involve earthworks, ground levelling and the installation of drainage systems. The adjoining carpark and amenities building will be accessible by stairs and a driveway onto Suncroft Street.

A plan of the proposed works has been provided by de Witt Consulting (Figure 2).

1.2 Statutory controls

Aboriginal objects and places in New South Wales are afforded protection under the *National Parks and Wildlife Act 1974* (NPW Act) irrespective of whether they are registered on the Aboriginal Heritage Information Management System (AHIMS). Strict penalties apply for engaging in activities that inflict harm to an Aboriginal cultural heritage site or object without consent for activities under the NPW Act. Under Part 6 of the NPW Act, consent or authorisation for harmful activities may be given under an AHIP. Should harm be inflicted upon an Aboriginal site or object, there are five defences:

- The harm was authorised under an AHIP;
- The proponent exercised due diligence prior to causing the harm and is able to demonstrate this;

- The harm was caused during activities that complied with a code of practice as described in Part 5 of the National Parks and Wildlife Regulation 2019 (New South Wales). For example, undertaking archaeological test excavations in accordance with the Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales (DECCW 2010b);
- The harm was caused as part of a low-impact activity or omission under the regulation, and the proponent was not aware of the presence of Aboriginal cultural material; or
- The harm caused during activities that are exempted under Section 87A of the NPW Act. For example, emergency fire-fighting or bushfire hazard reduction work, as defined by the *Rural Fires Act 1997* (NSW).

To assess the requirement of an AHIP, Heritage NSW necessitates that an Aboriginal Cultural Heritage Assessment (ACHA) is prepared in accordance with the *Guide to Investigating, Assessing, and Reporting on Aboriginal Cultural Heritage in New South Wales* (OEH 2011) and the *Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010a). Consultation with Aboriginal people is a requirement of the heritage assessment process and recognises that;

- Aboriginal people should have the right to maintain culture, language, knowledge and identity
- Aboriginal people should have the right to directly participate in matters that may affect their heritage
- Aboriginal people are the primary determinants of the cultural significance of their heritage.

These two guides establish a set of guidelines to aid land users in being aware of how their activities could damage Aboriginal cultural heritage sites and advise Archaeologists of the requirements that must be followed during the investigation of Aboriginal cultural heritage sites. If an AHIP is required, Heritage NSW necessitates that it is further supported by a copy of the approval for the development or infrastructure issued under Part 4 or Part 5 of the *Environmental Planning and Assessment Act 1979* in the form of a Development Application or a Review of Environmental Factors.

1.3 Authorship

This due diligence assessment has been prepared by ELA Archaeologist Chloe Verman and reviewed by ELA Associate Archaeologists Jennifer Norfolk and Dr Gary Marriner.

Chloe Verman has a BA (Archaeology) from the University of Sydney.

Jennifer Norfolk has a BSc (Marine Science) from the University of Sydney and a MSc. (Marine Archaeology) from Southampton University.

Dr Gary Marriner has a BA and MA [Archaeology and Anthropology] from the University of Cambridge, an MPhil [Archaeological Research] from the University of Cambridge, and a PhD [Archaeology] from the University of New England. He is also a full Member of the Australian Association of Consulting Archaeologists Inc. (AACAI).



Figure 1: The Study Area

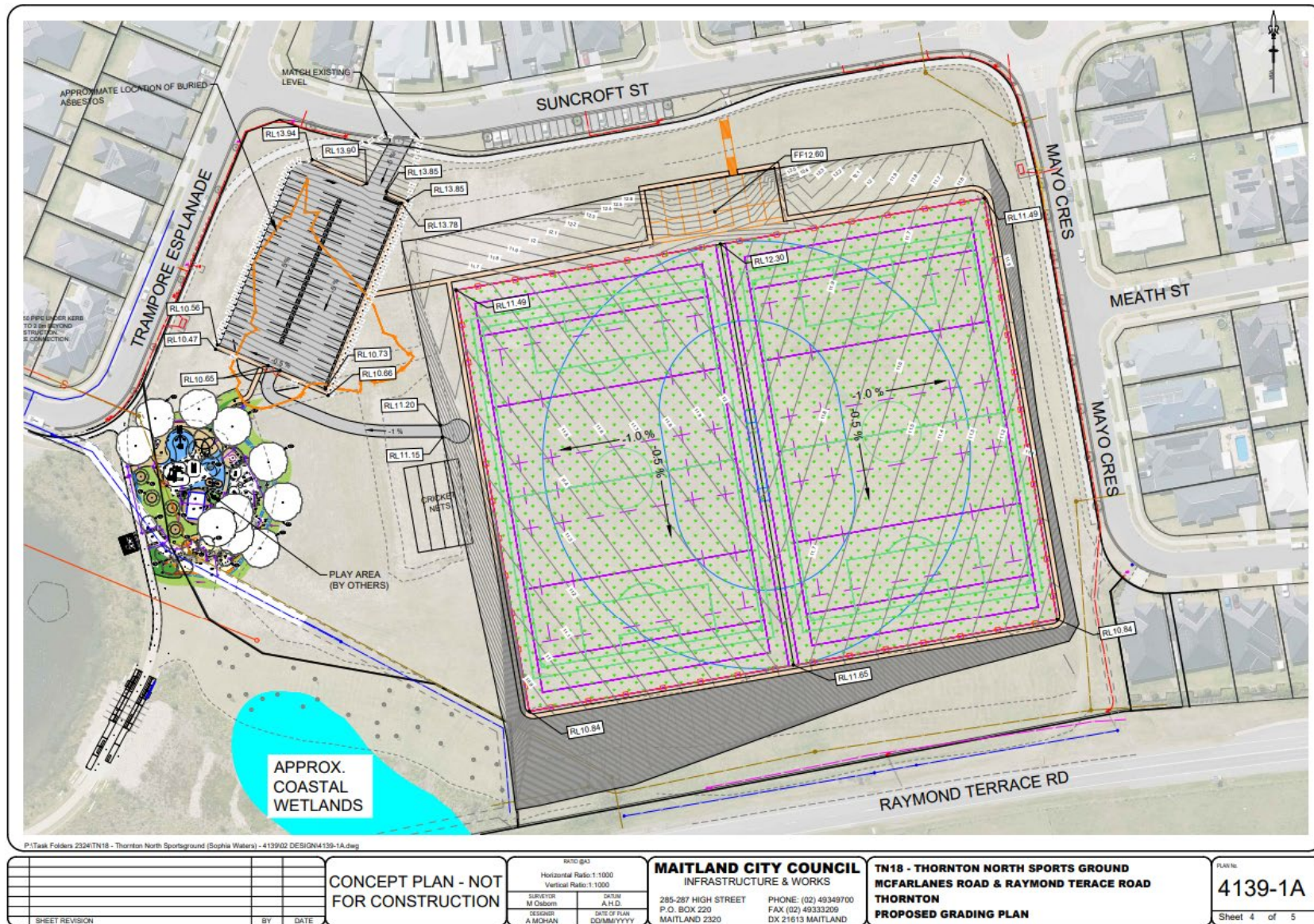


Figure 2: Plan of Proposed Works (de Witt Consulting)

2. Assessment process

2.1 Step 1 - Identify if the proposed activity will disturb the ground surface?

The proposed works will impact the ground surface. The works include ground levelling associated with the grading of two sports fields, as well as the construction of cricket nets, a playground, carpark, and amenities building.

The Study Area will be subject to cut and fill to level the gradient of the playing fields. The north of the site, along Suncroft Street, will be subject to a cut of between 0.05 to 0.53 cubic metres, while the southern portion will be filled with approximately 0.73 to 0.92 cubic metres to create a level surface across the study area. This will comprehensively disturb the ground surface.

2.2 Step 2a - Database Searches

2.2.1 AHIMS search

The AHIMS database maintained by Heritage NSW and regulated under Section 90Q of the NPW Act. The AHIMS database holds information and records regarding the registered Aboriginal archaeological sites (Aboriginal objects, as defined under the Act) and declared Aboriginal places that exist in NSW.

A comprehensive search of the AHIMS database was conducted on 28 March 2024 to identify if any registered Aboriginal sites were present within, or adjacent to, the Study Area (Appendix A). This represents a one-kilometre search area around the Study Area.

The AHIMS database search was conducted within the following coordinates as shown in Table 1.

Table 1: Search Parameters for the AHIMS database search

Search Parameters	
GDA Zone	56
Eastings	373120 - 375120
Northings	6373334 - 6375334
Buffer	0 metres

The AHIMS search results are shown in Table 2.

Table 2: Search results for the AHIMS database search

Search Results	
Aboriginal sites recorded	31
Aboriginal places declared	0

Two Aboriginal sites have previously been recorded within the Study Area. AHIMS ID 38-4-0749 (Thornton 3) and AHIMS ID 38-4-1955 (RPS JN 6 AS) are both respectively listed as ‘partially destroyed’ and ‘destroyed’. AHIMS ID 38-4-0749 is an artefact scatter, while AHIMS ID 38-4-1955 is an isolated artefact.

There is an AHIP (# C0003000) (AHIMS Permit ID #4157) that covers the entirety of the Study Area. AHIP #4157 was issued to Thornton Waters Pty Ltd to permit harm in the form of community collection, harm to certain Aboriginal objects through the proposed works and other action causing harm of Aboriginal objects. The sites for which impact was permitted under this AHIP are AHIMS ID 38-4-1788, 38-4-1789 and 38-4-1790. The AHIP was issued on 10 November 2017 for a duration of 10 years and remains valid until 2027 unless surrendered.

The distribution of recorded Aboriginal sites within and around the Study Area is shown in Figure 3. The site type frequencies and their contexts as recorded in the AHIMS database are outlined in Table 3.

Table 3 Frequencies of site types and contexts

Site Context	Site Features	Number	%
Open Site	Artefact	27	87.10
	Artefact, Potential Archaeological Deposit (PAD)	4	12.90
Total		31	100

2.2.2 Local, State and National heritage registers

Searches of the Australian Heritage Database (AHD), the NSW State Heritage Inventory (SHI) and the Maitland LEP was conducted on 28 March 2024 in order to determine if any places of heritage significance are located within the Study Area.

No Aboriginal archaeological sites or heritage items were recorded on these databases within the Study Area.



Figure 3 AHIMS Registered Sites within vicinity of Study Area

2.3 Step 2b - Review of other information sources

2.3.1 AHIP # 4157

AHIP #4157 was issued to Thornton Waters Pty Ltd for the 'Sophia Waters' development in 2017 for a duration of ten years. The AHIP will remain active until 2027 unless surrendered. The AHIP authorises harm in the form of community collection, harm to Aboriginal objects through the proposed works and other action causing harm to three registered AHIMS sites. The Aboriginal objects that may be harmed under this AHIP are limited to AHIMS sites 38-4-1788, 38-4-1789 and 38-4-1790. Site 38-4-1955 was located during later works in 2018 and was added to AHIP # 4157 and subsequently destroyed. The AHIP is not applicable to human remains or unexpected finds.

AHIP Conditions 10-13 on 'Community Collection' outline that Registered Aboriginal Parties (RAPs) must be provided the opportunity to collect Aboriginal objects and that Community Collection should occur in accordance with methodology provided in the application. Mindaribba Local Aboriginal Council have been proposed, pending approval, as the entity responsible for long-term management of any Aboriginal objects collected under this AHIP.

AHIMS site 38-4-0749 was partially destroyed under in 2009 under AHIP #1095507.

2.4 Step 2c - Determine if the activity is in area where landscape features indicate the presence of Aboriginal objects.

An archaeologically sensitive landscape is an area that has the potential for archaeological material to be present within it. According to the *Due Diligence Code of Practice* (DECCW 2010a), archaeologically sensitive landscapes can include areas:

- Within 200m of waters; or
- Located within a sand dune system; or
- Located on a ridge top, ridge line, 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.

The Due Diligence Code of Practice (DECCW 2010a:18) defines disturbed land as areas that have any land that:

"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."

2.4.1 Environmental context

The Study Area is situated in the Hunter subregion of the Sydney Basin Bioregion of NSW. A summary of the geology landforms, soils and vegetation that is typical within this bioregion is provided in Table 4 below.

Table 4 Hunter Subregion (NSW National Parks and Wildlife Services, 2003)

Hunter Subregion	
Geology	A complex of Permian shales, sandstones, conglomerates, volcanics and coal measures. Bounded on the north by the Hunter Thrust fault and on the south by cliffs of Narrabeen Sandstone. Pleistocene coastal barrier system in Newcastle bight
Characteristic Landforms	Rolling hills, wide valleys, with a meandering river system on a wide flood plain. River terraces are evident, the highest with silicified gravels. Streams can be brackish or saline at low flow. Numerous small swamps in upper catchment, extensive estuarine swamps behind the coastal barrier of the beach and the dunes.
Typical Soils	A variety of harsh texture contrast soil on soils and deep sandy loam alluvium on the valley floors. Small number of sources bordering dunes on southern tributaries of the Hunter. Deep sands with podsol profiles in dunes on the barrier, saline, organic muds in the estuary. Soil salinity is common on some bedrocks in the upper catchments.
Vegetation	Patches of rainforest brush in the lower valley. Forest and open woodland of white box, forest red gum, narrow-leaved ironbark, grey box, grey gum spotted gum, rough-barked apple and extensive stands of swamp oak in upper reaches and foothills. River oak and river red gum along the streams. Coastal dune vegetation of blackbutt, smooth-barked apple, coast banksias and swamp mahogany. Mangroves, salt marsh and freshwater reed swamps in the estuary.

Beresfield Soil Landscape

The Study Area is located across the Beresfield soil landscape (Figure 5).

The Beresfield soil landscape is characterised by moderately deep soils with a high susceptibility to water-based erosion. Organic archaeological materials are unlikely to survive due to the high acidity of the soils and the tendency of the soil foundation to shrink-swell can result in bioturbation, where archaeological materials from different time periods accumulate together. The topography is predominately undulating low hills with gentle inclines. However, steep side slopes can occur. Rock outcrops are generally absent.

Hydrology

The closest body of water is a man-made dam immediately to the west of the Study Area. A natural creek line (9th order in the Stralher System) runs from woodlands in the west through the dam and flows into a swamp system south of Raymond Terrace Road. The Woodberry Swamp system extends south from Chisholm down to Beresfield, connecting to the Hunter River.

Past Land Use

Historical aerial imagery shows the Study Area has been subject to significant previous development and subsurface impacts. By the early 20th century, much of the surrounding Maitland district was used as agricultural land and by 1966, a clay quarry had been established at the junction of Raymond Terrace Road and McFarlanes Road at the site of the Study Area (see Figure 4). The clay quarry grew throughout the latter half of the 20th century, with the establishment of warehouses by 1990s at the current site of Suncroft Street, Chisholm NSW. The Study Area and the surrounding land was acquired by the Allam

Property group in the late 2010s for the construction of the 'Sophia Waters' residential estate. While most of the land was converted to residential housing, this excludes the Study Area which has predominately been subject to levelling and the installation of underground utilities to service the estate.

Summary

The Study Area has been highly modified through the various past land use activities. The most recent land disturbance has been undertaken as part of the development activities by Allam Property group.

The Study area was in a landscape that indicated the presence of Aboriginal objects. All Aboriginal objects identified within the Study Area are permitted for harm under AHIP #4157.



Figure 4: Historical Aerial Imagery 1966 (NSW Spatial Services)

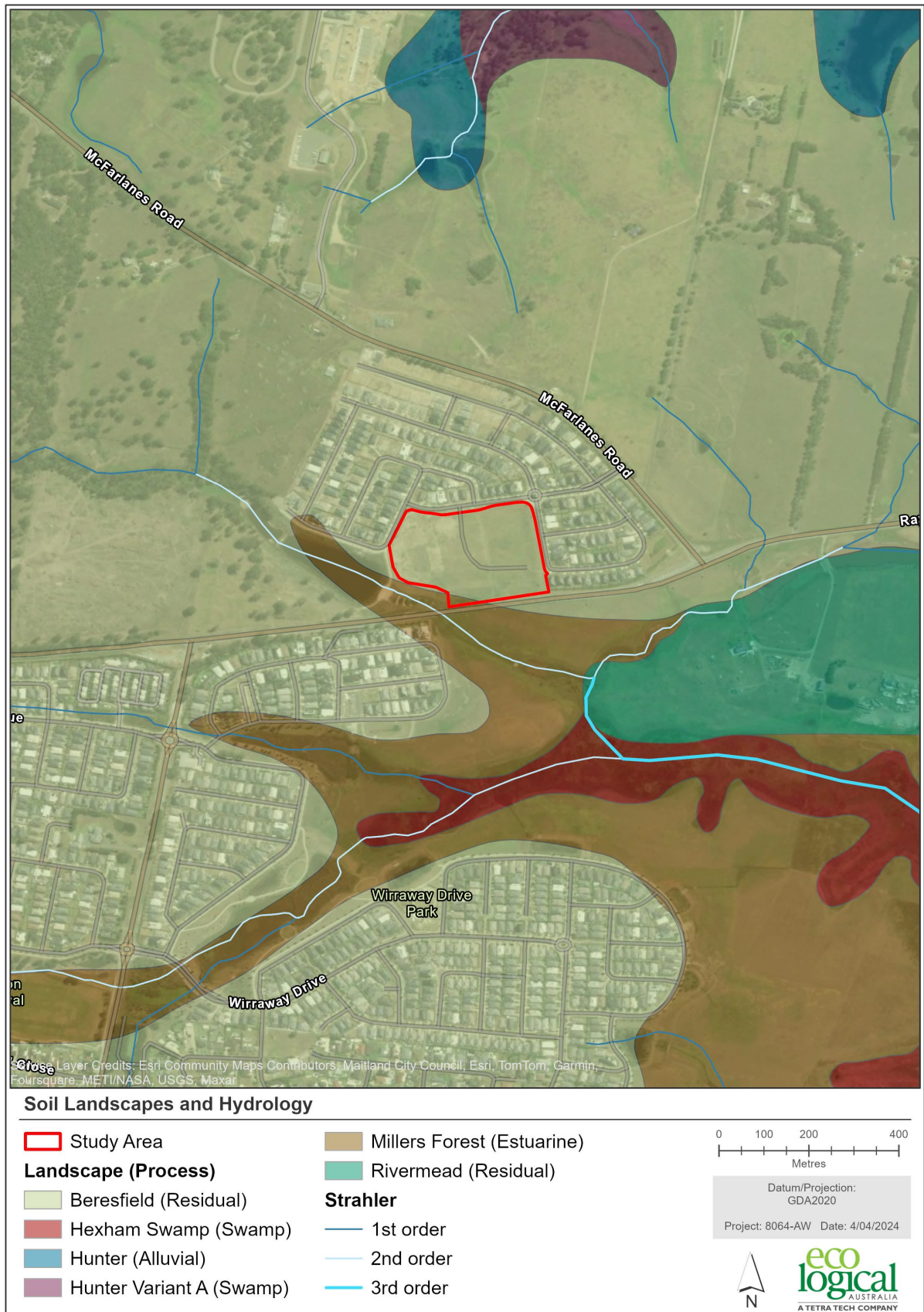


Figure 5: Soil landscapes and hydrology of the Study Area (eSpade, 2024)

2.5 Step 3 – Can the harm or activity be avoided?

Harm to Aboriginal objects within the Study Area is permitted under AHIP #4157. Mitigation measures to known AHIMS ID 38-4-0749 and AHIMS ID 38-4-1955 have been completed.

2.6 Step 4 - Does a desktop assessment and visual inspection confirm that there are Aboriginal Objects or that they are likely?

A visual inspection of the Study Area was undertaken by ELA Archaeologist Chloe Verman on 4 April 2024. Visual inspection aimed to confirm the findings of the desktop assessment of the Study Area.

2.6.1 Visual inspection

The development of the 'Sophia Waters' residential estate and the construction and widening of Raymond Terrace Road have significantly disturbed the Study Area. The Study Area currently comprises a flat field approximately 250 metres in length and 140 metres wide. The northern portion of the Study Area is bordered by a steep north-south sloping gradient up to Suncroft Street (Figure 8). Apart from several eroded exposures in the northern and northwestern portion, visibility across the Study Area was inhibited by thick grass coverage (Figure 7 and Figure 12-13).

To the south, a steep gradient drops down towards Raymond Terrace Road. Ground visibility was limited to eroded exposures, predominantly comprised of construction aggregate (Figure 12-13). The irregular gradients across the Study Area are the result of earthworks and ground disturbance through levelling and the displacement of soil from the surrounding construction (Figure 6 and Figure 7). The artificial dam to the southwest of the Study Area provides further evidence of ground impacts and the degree of disturbance in the area (Figure 9).

Several services, such as a sewerage manhole cover adjacent to Mayo Crescent and two (2) electrical services along Trampore Esplanade, account for further ground disturbance in the Study Area (Figure 10 and Figure 11). The location of AHIMS ID 38-4-0749 and AHIMS ID 38-4-1955 were inspected for any silcrete fragments. No further Aboriginal sites or objects were identified during the visual inspection.

2.7 Step 5: Further investigation and impact assessment

No further assessment and mitigation measures will be required for the Study Area. Previous assessments have been undertaken and identified AHIMS ID 38-4-0749 and AHIMS ID 38-4-1955 within the Study Area. AHIP #4157 was issued for harm to Aboriginal objects within the Study Area, this included mitigation measures for Community Collection which has occurred.

All impacts to Aboriginal objects within the Study Area are permitted under AHIP #4157. The Study Area was modified as part of the development activities covered by the AHIP.



Figure 6 Southeast towards Raymond Terrace Road



Figure 7 View west, showing landscape modification



Figure 8 View east, showing ground levelling and grass coverage



Figure 9 Boundary between Study Area and artificial dam



Figure 10 Existing services along Trampore Esplanade



Figure 11 Electricity services along Suncroft Street



Figure 12 Ground exposures along Trampore Esplanade



Figure 13 Exposures in south-west portion of Study Area

3. Recommendations

Based on the findings of this due diligence assessment and the requirement of the NPW Act the following is recommended

Recommendation 1 - General measures and Unexpected Finds Policy

The proposed works may proceed with caution, any impacts to Aboriginal objects are covered by AHIP #4157. The AHIP does not cover impacts to human remains, if suspected human remains are uncovered during works then the following procedure must be followed.

DISCOVERY OF HUMAN REMAINS

If suspected human skeletal remains are uncovered at any time throughout undertaking the proposed works, procedures outlined in Requirement 25 of the *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW (DECCW 2010)* would be followed. In all cases, the special importance of Aboriginal ancestral remains must be acknowledged and respected and the wishes of the Aboriginal community must be respected when making decisions regarding ancestral remains. To avoid doubt, the precautionary principle must be applied to all physical remains suspected to be Aboriginal ancestral remains.

If any human remains are disturbed in, on or under the land, you must:

- not further disturb or move these remains
- immediately cease all work at the particular location
- notify NSW Police
- notify Heritage NSW Environment Line on 131 555 as soon as practicable and provide available details of the remains and their location
- not recommence any work at the particular location unless authorised in writing by Heritage NSW.

References

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Office of Environment and Heritage, 2011. *Guide to Investigating, Assessing, and Reporting on Aboriginal Cultural Heritage in New South Wales*.

Appendix A AHIMS Search Results



AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : Chisholm

Client Service ID : 878363

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
38-4-1755	VALAIRE LAND 2/A	GDA	56	373522	6373438	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Peter Kuskie					Permits	3899	
38-4-0751	Thornton A 9 (TA9)	AGD	56	374450	6373840	Open site	Valid	Artefact : 5		
	Contact	Recorders	Mr.Peter Kuskie					Permits		
38-4-0756	Thornton A 12 (TA12)	AGD	56	374465	6373589	Open site	Partially Destroyed	Artefact : 1		100059,100546
	Contact	Recorders	Mr.Peter Kuskie					Permits	2112,3044,3103	
38-4-0123	None Specified	AGD	56	373100	6374900	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	Recorders	P Jones					Permits		
38-4-1756	VALAIRE LAND 2/B	GDA	56	373722	6373618	Open site	Valid	Artefact : -, Potential Archaeological Deposit (PAD) : -		
	Contact	Recorders	South East Archaeology					Permits	3899	
38-4-1955	RPS JN 6 AS	GDA	56	374233	6374254	Open site	Destroyed	Artefact : -		
	Contact	Recorders	RPS AAP Consulting Pty Ltd - Hamilton,RPS AAP Consulting Pty Ltd - Hamilton,Ms.]					Permits		
38-4-0750	Thornton A 8 (TA8)	AGD	56	374470	6373950	Open site	Valid	Artefact : 9		
	Contact	Recorders	Mr.Peter Kuskie					Permits		
38-4-2033	Raymond Terrace Road IF	GDA	56	373643	6374110	Open site	Valid	Artefact : -		
	Contact	Recorders	RPS AAP Consulting Pty Ltd - York Street Sydney ,Mrs.Amanda Crick					Permits		
38-4-2032	Raymond Terrace Road IF1	GDA	56	373702	6374134	Open site	Valid	Artefact : -		
	Contact	Recorders	RPS AAP Consulting Pty Ltd - York Street Sydney ,RPS AAP Consulting Pty Ltd - Nev					Permits		
38-4-2031	Raymond Terrace Road IF2	GDA	56	373825	6374148	Open site	Destroyed	Artefact : -		
	Contact	Recorders	RPS AAP Consulting Pty Ltd - York Street Sydney ,Mrs.Amanda Crick,RPS AAP Cons					Permits		
38-4-0748	Thornton A 1(TA1)	AGD	56	374125	6373989	Open site	Partially Destroyed	Artefact : 2		100059,100546
	Contact	Recorders	Mr.Peter Kuskie					Permits	2112,3044,3103	
38-4-0891	Thornton North 3	AGD	56	373185	6373705	Open site	Destroyed	Artefact : -		
	Contact T Russell	Recorders	Navin Officer IHeritage Consultants Pty Ltd					Permits	2592,2819,3189,3745	
38-4-1760	RPS Thornton AS2	GDA	56	373823	6373858	Open site	Destroyed	Artefact : 1		
	Contact	Recorders	RPS AAP Consulting Pty Ltd - Hamilton					Permits		
38-4-2040	IIN-MF-A02	GDA	56	374374	6375095	Open site	Destroyed	Artefact : -, Potential Archaeological Deposit (PAD) : -		
	Contact	Recorders	Heritage Now - Belmont,Heritage Now - Belmont,Heritage Now - Belmont,Ms.Cryst					Permits	5111	
38-4-0941	Thornton A 14 (TA14)	AGD	56	374355	6373459	Open site	Partially Destroyed	Artefact : 73		100546
	Contact T Russell	Recorders	Mr.Peter Kuskie					Permits	3103	

Report generated by AHIMS Web Service on 02/04/2024 for Chloe Verman for the following area at Datum :GDA, Zone : 56, Eastings : 373120.0 - 375120.0, Northings : 6373334.0 - 6375334.0 with a Buffer of 0 meters.. Number of Aboriginal sites and Aboriginal objects found is 31

This information is not guaranteed to be free from error omission. 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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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : Chisholm

Client Service ID : 878363

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status**	SiteFeatures	SiteTypes	Reports
--------	----------	-------	------	---------	----------	---------	---------------	--------------	-----------	---------

** Site Status

Valid - The site has been recorded and accepted onto the system as valid

Destroyed - The site has been completely impacted or harmed usually as consequence of permit activity but sometimes also after natural events. There is nothing left of the site on the ground but proponents should proceed with caution.

Partially Destroyed - The site has been only partially impacted or harmed usually as consequence of permit activity but sometimes also after natural events. There might be parts or sections of the original site still present on the ground

Not a site - The site has been originally entered and accepted onto AHIMS as a valid site but after further investigations it was decided it is NOT an aboriginal site. Impact of this type of site does not require permit but Heritage NSW should be notified

Report generated by AHIMS Web Service on 02/04/2024 for Chloe Verman for the following area at Datum :GDA, Zone : 56, Eastings : 373120.0 - 375120.0, Northings : 6373334.0 - 6375334.0 with a Buffer of 0 meters.. Number of Aboriginal sites and Aboriginal objects found is 31

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Appendix B Site Cards

Aboriginal Site Recording Form

AHIMS Registrar
PO Box 1967, Hurstville 2220 NSW

AHIMS site ID: 38-4-1955

Date recorded: 13-02-2018

Site Location Information

Site name: RPS JN 6 AS

Easting: 374233 Northing: 6374254 Coordinates must be in GDA (MGA)

Horizontal Accuracy (m): 2

Zone: 56 Location method: Differential GPS

Recorder Information

(The person responsible for the completion and submission of this form)

Title Surname First name

Ms. Nelson Jo Ann

Organisation: RPS East

Address: 241 Denison Street Broadmeadow NSW

Phone: 0249404200 E-mail: Jo.Nelson@rpsgroup.com.au

Site Context Information

Land Form Pattern: Undulating Plain Land Use: Farming Low Intensity

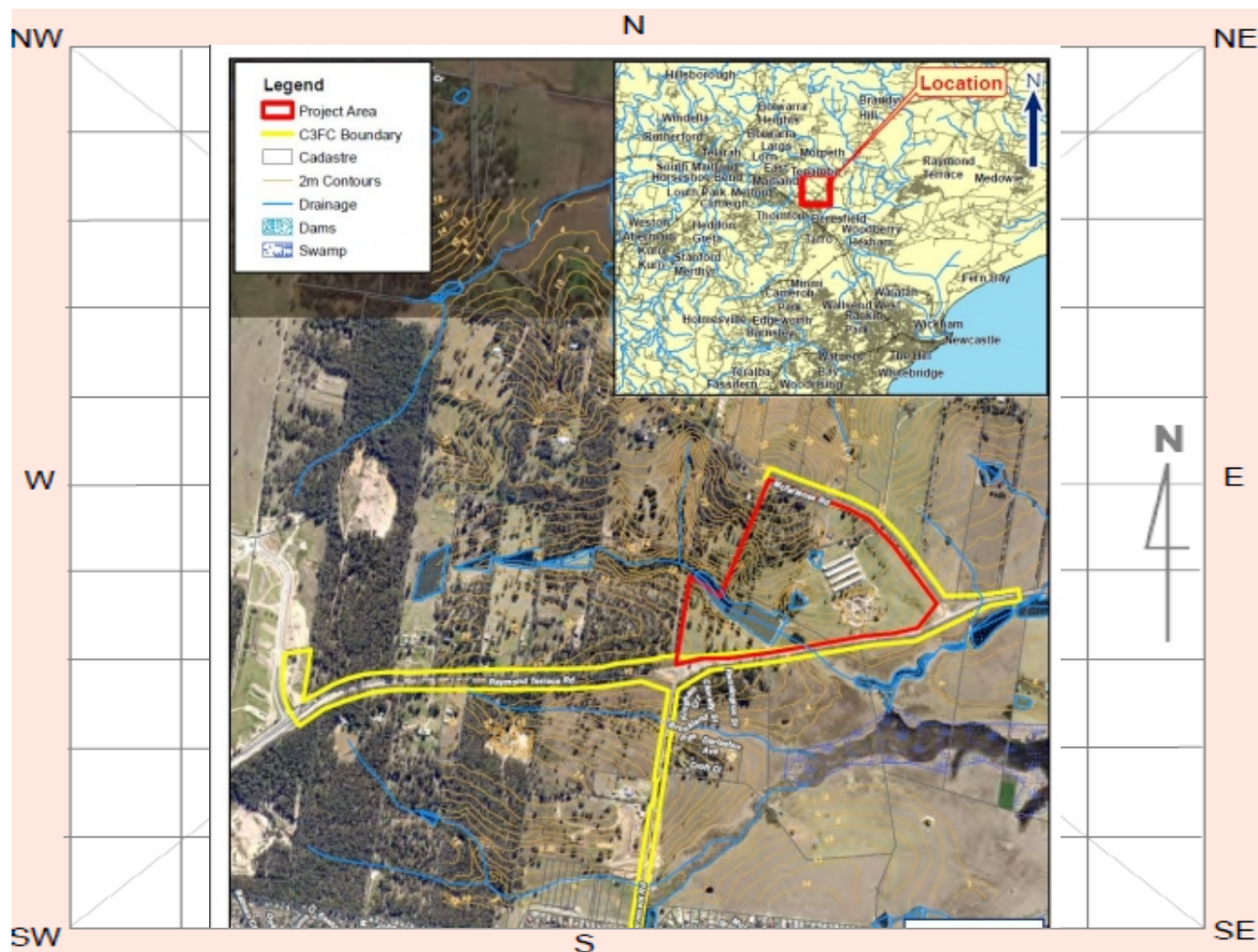
Land Form Unit: Slope Vegetation: Isolated clumps of trees

Distance to Water (m): 200 Primary Report: RPS 2017 Aboriginal Heritage Assessment, Thornton Waters, NSW

How to get to the site: Access is off Government Road, via a gate on McFarlanes Road, Thornton.

Other site information:

Site location map



Site contents information

open/closed site:

Site condition:

Features:

Features:	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)
1. Artefact	4	10	3

Description:

Four artefacts, comprising one red silcrete complete flake, one red silcrete distal flake, one yellow/cream silcrete angular fragment, and one complete red silcrete flake. Located within a disused quarry atop silty clayey soil with small angular gravels.

Scarred Trees

Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species

Features:

Features:	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)
2.			

Description:

Scarred Trees

Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)
3.			

Description:

Scarred Trees

Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
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Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)
4.			

Description:

Scarred Trees

Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
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Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)
5.			

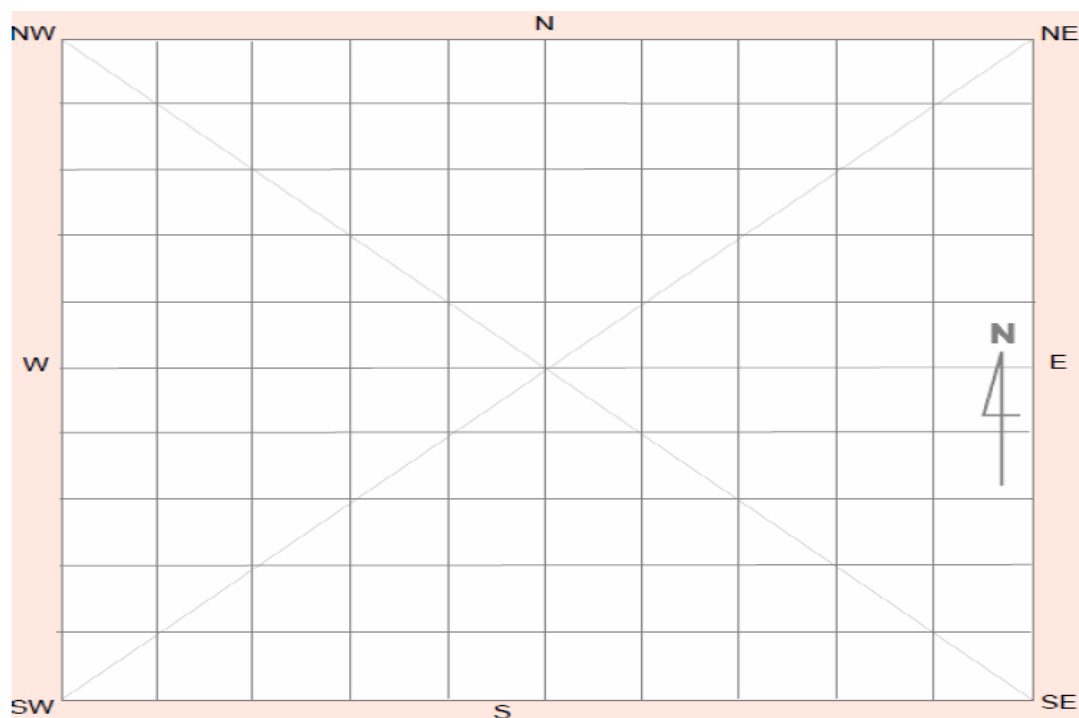
Description:

Scarred Trees

Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
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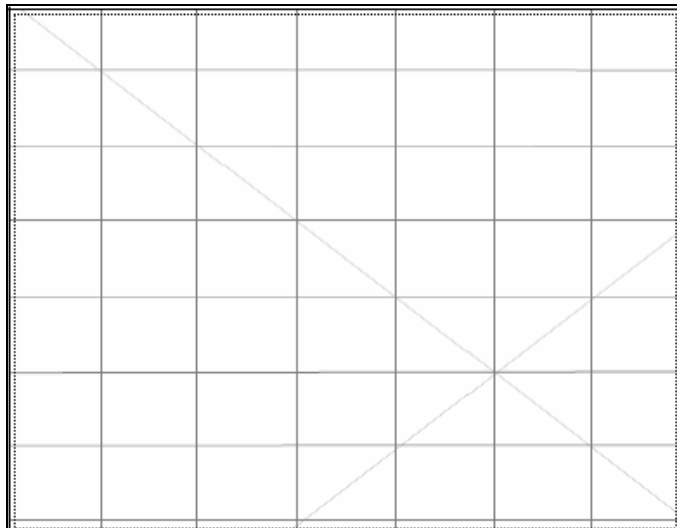
Other Site Info:

Site plan

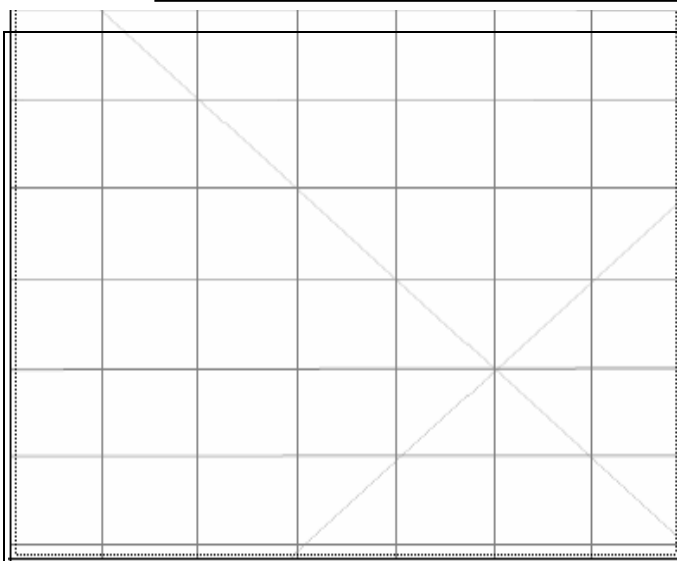
Site photographs



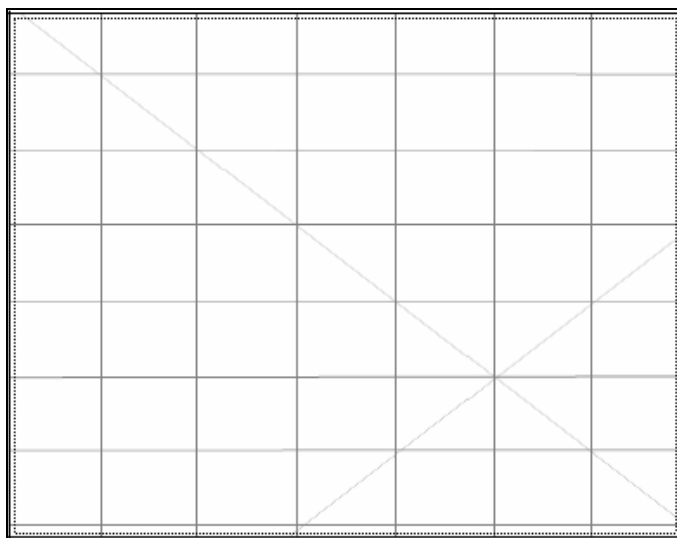
Description: RPS JN AS 6



Description:



Description:



Description:

Site restrictions

Do you want to
Restrict this site?: ☐

Restriction type: Gender ☐ General ☐ Location ☐

Why is this site restricted?:

Further information contact

Title Surname First name

Organisation:

Address:

Phone: E-mail:

Aboriginal Site Impact Recording Form

AHIMS Registrar

PO Box 1967, Hurstville 2220 NSW

- 1 This form must be completed following impacts to AHIMS sites that are:
 - a) a result of test excavation carried out in accordance with the *Code of Practice for the Archaeological Investigation of Aboriginal Objects in NSW*
 - b) authorised by an Aboriginal Heritage Impact Permit (AHIP) issued by the Office of Environment and Heritage (OEH)
 - c) undertaken for the purpose of complying with Director General's Requirements issued by the Department of Planning and Infrastructure (DP&I) for:
 - State Significant Development (SSD - Part 4),
 - State Significant Infrastructure (SSI - Part 5.1), or
 - A Major Project (Part 3A - now repealed) under the *Environmental Planning and Assessment Act 1979 (EP&A Act)*, or
 - d) authorised by a SSD/SSI/Part 3A consent/approval under the EP&A Act.
- 2 Completed forms must be submitted to the AHIMS Registrar (www.environment.nsw.gov.au/contact/AHIMSRegistrar.htm).
- 3 This form is intended to complement (not replace) the AHIMS Site Recording Form. Where there is a need to provide detailed information about the nature of a site, use the AHIMS Site Recording Form.
- 4 This form does not replace the need to submit reports to OEH (as a condition of an AHIP or SSD/SSI/Part 3A consent/approval)
This form must be submitted in addition to any reports.

AHIMS site ID: 38-4-1955

Date recorded: 09-03-2018

Site impact authorisation (select one)	Reference numbers, dates
☐ Archaeological Code (The impacts to this site were the result of test excavation carried out in accordance with the <i>Code of Practice for the Archaeological Investigation of Aboriginal Objects in NSW</i> .)	Date OEH was notified (under requirement 15c of the Code): OEH Regional office notified:
☒ AHIP (The impacts to this site were authorised by an AHIP.)	AHIP number: C0003000 Date issued/signed: 2017-11-10 AHIMS permit ID/number: 4157
☐ SSD/SSI/Part 3A application (The impacts to this site were undertaken for the purposes of complying with Director General's Requirements issued by the DP&I)	Project number:
☐ SSD/SSI/Part 3A approved project (The impacts to this site were authorised by a consent/approval under Parts 4/5.1/3A of the EP&A Act.)	Date Director General's Requirements issued: or Date of project approval:

Site status following impacts:

- ☐ Not a site (The investigations concluded that this is not a site.)
☐ Valid site (The investigations confirmed that this is an Aboriginal site.)
☐ Partially destroyed (The site was partially destroyed following authorised impacts; a portion of the site remains in situ.)
☒ Destroyed (The site was completely destroyed following authorised impacts.)

Site Location Information:

Site name:

Easting: Northing: Coordinates must be in GDA (MGA)

Horizontal Accuracy (m):

Zone: Location method:

Recorder Information:

(The person responsible for the completion and submission of this form)

Title Surname First name

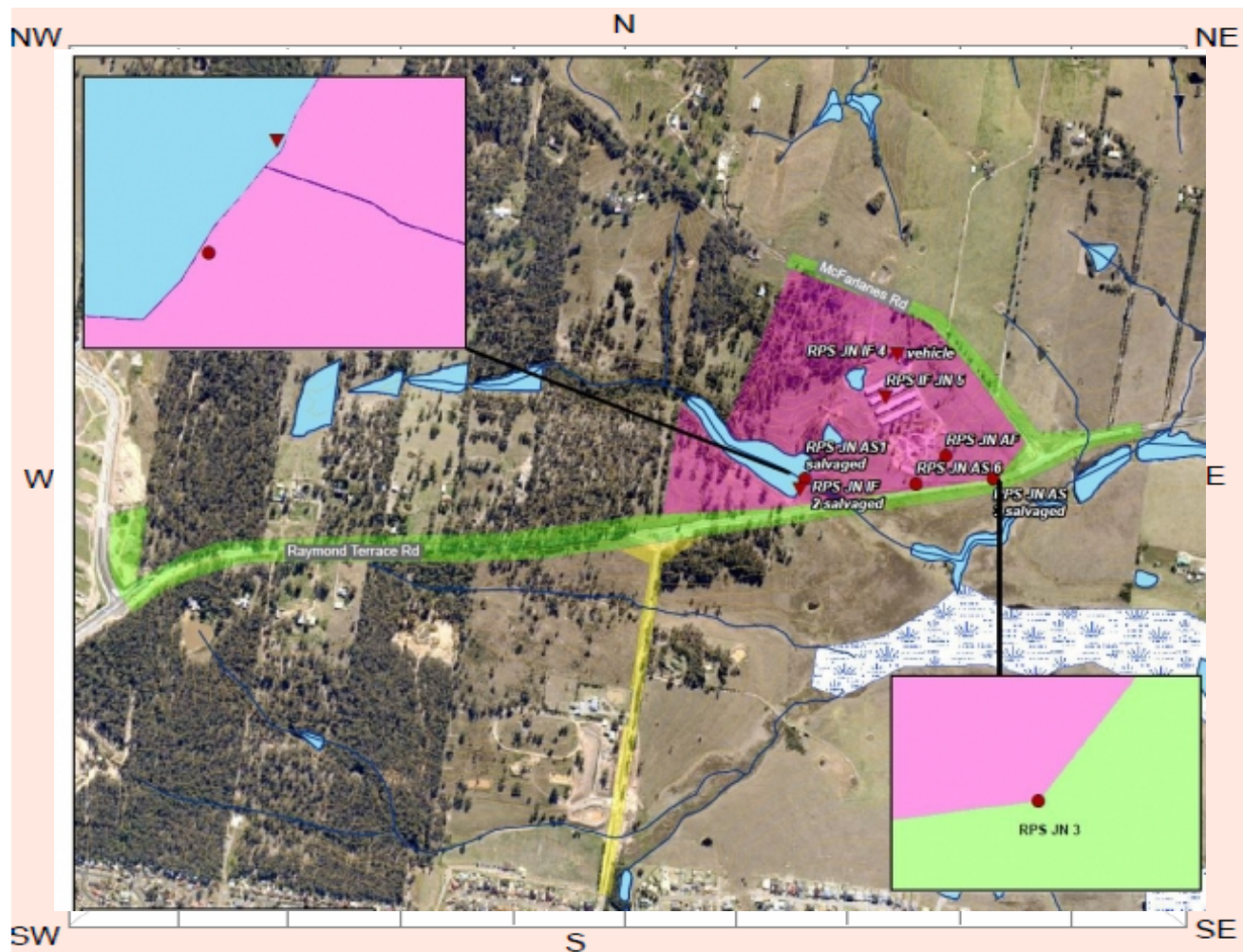
Organisation:

Address:

Phone: E-mail:

Location map

Clearly demarcate the original AHIMS site boundary, show the boundaries of impacted areas and the areas where the site remains in situ. Display map coordinates.



Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)
1. Artefact	4	8	3

Description:

Four artefacts comprising one red silcrete complete flake, one red silcrete distal flake, one yellow/cream silcrete angular fragment, and one complete red silcrete flake.

Scarred Trees

Scar Depth (cm)	Regrowth (cm)	Scar Length (cm)	Scar Width (cm)
Scar shape		Tree Species	

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)
2.			

Description:

Scarred Trees

Scar Depth (cm)	Regrowth (cm)	Scar Length (cm)	Scar Width (cm)
Scar shape		Tree Species	

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)
3.			

Description:

Scarred Trees

Scar Depth (cm)	Regrowth (cm)	Scar Length (cm)	Scar Width (cm)
Scar shape		Tree Species	

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)
4.			

Description:

Scarred Trees

Scar Depth (cm)	Regrowth (cm)	Scar Length (cm)	Scar Width (cm)
Scar shape		Tree Species	

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)
5.			

Description:

Scarred Trees

Scar Depth (cm)	Regrowth (cm)	Scar Length (cm)	Scar Width (cm)
Scar shape		Tree Species	

Other Site Info:

Methodology and results

Summary of the methodology and results of the activity or works undertaken through the authorised impacts, as relevant to the AHIMS site

This AHIP application includes community collection, harm to certain Aboriginal objects through works and other actions causing harm and, salvage of sites

#38-4-1955-1

Management recommendations

Summary of any management recommendations for the AHIMS site

Post-investigation significance

Discuss if the scientific/archaeological or cultural significance of the site has changed in light of the results of the investigations or works conducted at the site.

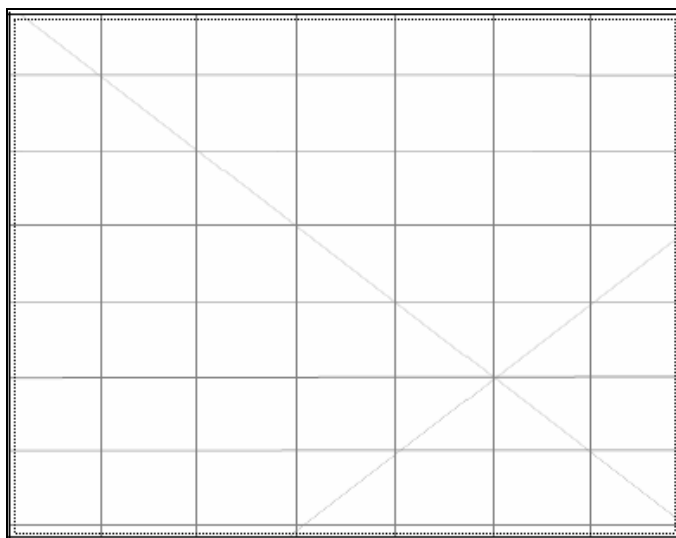
Additional comments

Site photographs

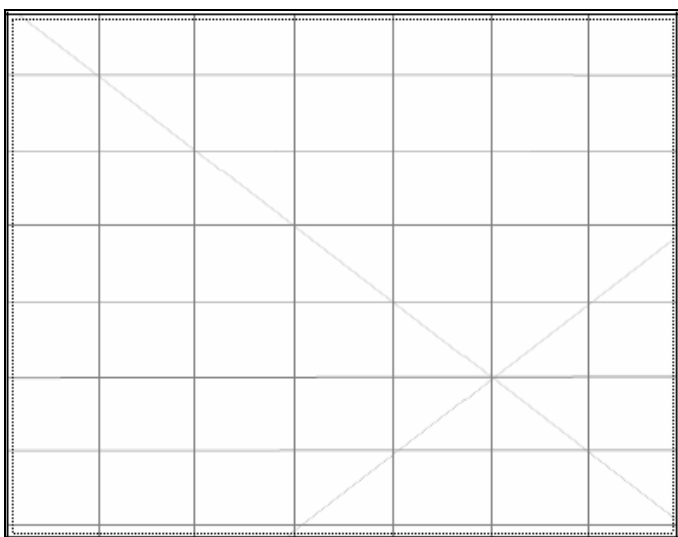
Include photographs of the authorised impacts activity, as relevant to the AHIMS site. Please keep photo size to a maximum of 200 kb.



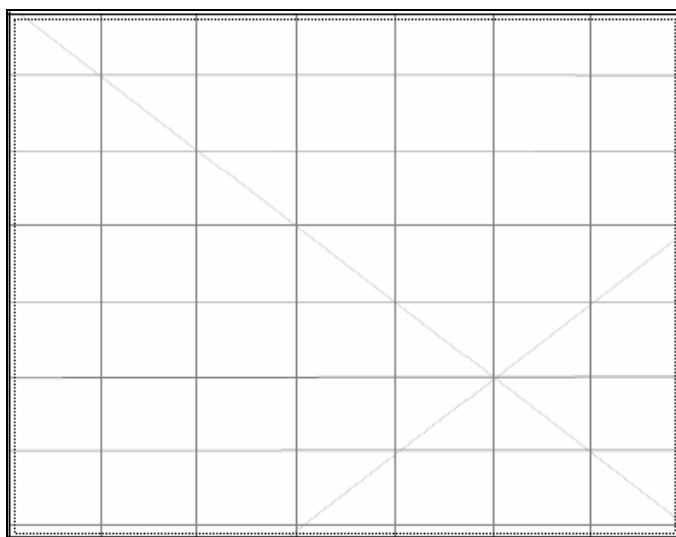
Description: RPS JN 6 AS 38-4-1955



Description:



Description:



Description:

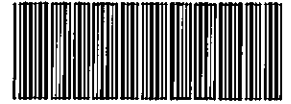


National Parks and Wildlife Service

Box 1967, Hurstville NSW 2220. Tel: (02) 9585 6444

Standard Site Recording Form

Revised 5/88



38-4-0749

NPWS Code

1:250,000 map sheet:

250K

250K

AMG Grid reference

Full reference - please
include leading digits

3 7 3 9 2 0 mE

6 3 7 3 9 6 mN

Scale of map used for grid reference
Please use largest scale available[x] 25K, 50K
(preferred)

[] 100K

[] 250K

1:25K, 50K, 100K map name: Beresfield 9232-3N

HEAD OFFICE USE ONLY:

NPWS Site no: 38-4-0749

Site types:

Accessioned by:

Date:

Data entered by:

Date: 26/3/04

Owner/Manager: GHD Services Pty Ltd

PO Box 5403

Address:

Newcastle West NSW 2302

Site name: Thornton A 3 (TA3)

Locality/property name: Thornton North Investigation Area A

NPWS District: Lower Hunter

Region: Northern

Reason for investigation

Heritage impact assessment in relation to the potential purchase of the property and potential subsequent application by GHD services Pty Ltd for rezoning of at least part of the land from rural to residential.

Portion no:

Parish:

Photos taken? Yes

How many attached? Nil

How to get to the site (refer to permanent features, give best approach to site eg. from above, below, along cliff.
(Draw diagram on separate sheet.)

Follow Raymond Terrace Road past Thornton towards Raymond Terrace. Turn south onto Edwards Avenue, then turn east along access road leading to 'Fairview' homestead.

Other sites in locality? Yes

Site Types include: Artefact scatters

Are sites in NPWS Register? Yes

Have artefacts been removed from site? No

When?

By whom?

Deposited where?

Is site important to local Aborigines? Yes

Give contact(s) name(s) + address(es)

Mindaribba Local Aboriginal Land Council PO Box 401 East Maitland NSW 2325
Lower Wonnarua Tribal Consultancy Pty Ltd 156 The Inlet Road Bulga NSW 2330
Lower Hunter Wonnarua Council Inc 19 O'Donnell Crescent Metford NSW 2323

Contacted for this recording? Yes

(Attach additional information separately) If not, why not?

Verbal/written reference sources (including full title of accompanying report)

NPWS Report
Catalogue #Kuskie, P.J. 2003. An Aboriginal Heritage Assessment of Land Adjoining Somerset Park at Thornton,
Hunter Valley, New South Wales. Unpublished report to GHD Services Pty Ltd.

Checklist:

surface visibility.
damage/disturbance/
threat to site

Condition of site: Moderate levels of ground disturbance through vegetation removal and pastoral activities.

Recommendations for management & protection (attach separate sheet if necessary).

There are no Aboriginal heritage constraints to the proposed rezoning, however, further assessment should be undertaken to adequately assess the potential impacts of any proposed residential development on Aboriginal heritage and to select appropriate management strategies in consultation with the local Aboriginal community once development plans are formalised.

Site recorded by: Peter Kuskie
Address/institution: South East Archaeology Pty Ltd
24 Bamford St.
Hughes ACT 2605

Date: 09/09/03

SITE POSITION & ENVIRONMENT

OFFICE USE ONLY: NPWS site no:

1. Land form a. beach/hill slope/ridge top, etc: simple slope

b. site aspect:

c. slope: gentle

d. mark on diagram provided or on your own sketch the position of the site:

e. Describe briefly:



Mulbring Siltstone (siltstone,

f. Local rock type: sandstone and conglomerate),

g. Land use/effect: Grazing

Quaternary alluvial deposits and sand deposits

2. Distance from drinking water: <50 metres

Source: 2nd order watercourse

3. Resource Zone associated with site (estuarine, riverine, forest etc): Estuarine/wetlands.

4. Vegetation: Original native vegetation extensively cleared and replaced with pasture grasses. Some stands of Casuarinas present. Heavy weed infestation.

5. Edible plants noted: Nil.

6. Faunal resources (include shellfish): Typical wetland species.

7. Other exploitable resources (river pebbles, ochre, etc):

Site type:

Artefact
Scatter

DESCRIPTION OF SITE & CONTENTS.

Note state of preservation of site & contents. Do NOT dig, disturb, damage site or contents.

Site TA3 consists of 3 artefacts (1 silcrete flake and 2 silcrete flake portions) within a 2 metre square area of a small erosion scour with 5% surface visibility. There is a moderate potential for sub-surface deposits to occur in the A unit soil horizon, however, these deposits are anticipated to be shallow in depth, with more substantial evidence occurring on the adjacent spur crest.

CHECKLIST TO HELP:
length, width, depth,
height of site, shelter,
deposit, structure,
element eg. tree scar,
grooves in rock.

DEPOSIT: colour,
texture, estimated
depth, stratigraphy,
contents-shell, bone,
stone, charcoal, density
& distribution of these,
stone types, artefact
types.

ART: area of surface
decorated, motifs,
colours, wet, dry
pigment, technique of
engraving, no. of
figures, sizes,
palination.

BURIALS: number &
condition of bone,
position, age, sex,
associated artefacts.

TREES: number, alive,
dead, likely age, scar
shape, position, size,
patterns, axe marks,
regrowth

QUARRIES: rock type,
debris, recognisable
artefacts, percentage
quarried.

OTHER SITES EG.
structures (fish traps,
stone arrangements,
bora rings, mia mia),
mythological sites, rock
holes, engraved groove
channels, contact sites
(missions massacres
cemeteries) as
appropriate

Attach sketches etc. eg. plan & section of shelter, show relation between site contents,
indicate north, show scale.

Attach annotated photos (stereo where useful) showing scale, particularly for art sites.

Aboriginal Site Impact Recording Form

AHIMS Registrar
PO Box 1967, Hurstville 2220 NSW
December 2010 DECCW 2010/1022

- 1 This form must be completed following impacts to AHIMS sites that are:
 - a) an outcome of test excavation carried out in accordance with the *Code of Practice for the Archaeological Investigation of Aboriginal Objects in NSW*
 - b) authorised by an Aboriginal Heritage Impact Permit (AHIP)
 - c) undertaken for the purpose of complying with environmental assessment requirements issued by the Department of Planning under Part 3A of the *Environmental Planning and Assessment Act 1979* (EP&A Act), or
 - d) authorised by a Part 3A project approval under the EP&A Act.
- 2 Completed forms must be submitted to the AHIMS Registrar (www.environment.nsw.gov.au/contact/AHIMSRegistrar.htm).
- 3 This form is intended to complement (not replace) the AHIMS Site Recording Form. Where there is a need to provide detailed information about the nature of a site, use the AHIMS Site Recording Form.
- 4 This form does not replace the need to submit reports to DECCW (as specified by a condition of an AHIP or Part 3A approval). This form must be submitted in addition to any reports.

AHIMS site ID:

Site impact authorisation (select one)	Reference numbers, dates
☐ Archaeological Code (The impacts to this site were the result of test excavation carried out in accordance with the <i>Code of Practice for the Archaeological Investigation of Aboriginal Objects in NSW</i> .)	Date DECCW was notified (under requirement 15c of the Code): DECCW Regional office notified:
☐ AHIP (The impacts to this site were authorised by an AHIP.)	AHIP number: Date issued/signed: AHIMS permit ID/number:
☐ Part 3A application (The impacts to this site were undertaken for the purposes of complying with Part 3A environmental assessment requirements issued by the Department of Planning.)	Major project number: Date environmental assessment requirements issued:
☐ Part 3A approved project (The impacts to this site were authorised by a project approval under Part 3A of the EP&A Act.)	or Date of project approval:

Site status following impacts:

- ☐ **Not a site** (The investigations concluded that this is not a site.)
☐ **Valid site** (The investigations confirmed that this is an Aboriginal site.)
☐ **Partially destroyed** (The site was partially destroyed following authorised impacts; a portion of the site remains in situ.)
☐ **Destroyed** (The site was completely destroyed following authorised impacts.)

Geographic location

Site name:
Easting: **Northing:** **Coordinates must be in GDA (MGA)**
Map sheet:
Zone: **Location method:**

Primary recorder

(The person responsible for the completion and submission of this form)

Title	Surname	First name
Organisation:		
Address:		
Phone:		E-mail:
Date recorded:		Fax: 262604439

Site information

Open/closed site:

Features:

☐	1.	Aboriginal ceremony and dreaming	☐	11.	Habitation structure
☐	2.	Aboriginal resource and gathering	☐	12.	Hearth
☐	3.	Art	☐	13.	Non-human bone and organic material
☒	4.	Artefact	☐	14.	Ochre quarry
☐	5.	Burial	☒	15.	Potential archaeological deposit
☐	6.	Ceremonial ring	☐	16.	Stone quarry
☐	7.	Conflict	☐	17.	Shell
☐	8.	Earth mound	☐	18.	Stone arrangement
☐	9.	Fish trap	☐	19.	Modified tree
☐	10.	Grinding groove	☐	20.	Water hole

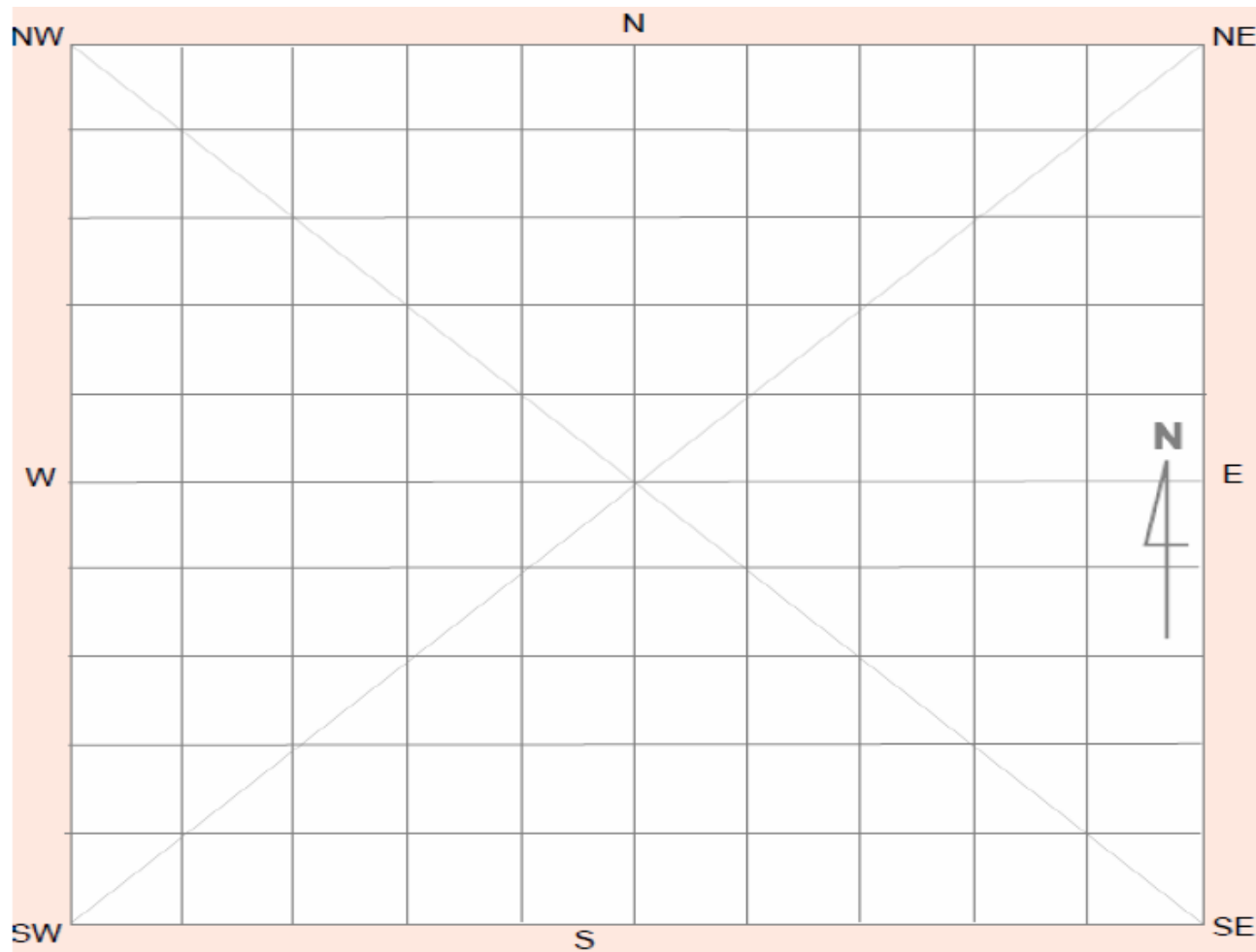
Site condition

Written description of the condition of the AHIMS site (including relevant features) following the authorised impact of the site

Site TA3 was subject to attempted surface collection under the AHIP, but the artefacts could not be successfully relocated, with subsequent development impacts to follow.

Site map

Clearly demarcate the original AHIMS site boundary, show the boundaries of impacted areas and the areas where the site remains in situ. Display map coordinates.



Methodology and results

Summary of the methodology and results of the activity or works undertaken through the authorised impacts, as relevant to the AHIMS site

Site TA3 is an open artefact site that was subject to attempted surface collection under the AHIP in November 2009, with no artefacts retrieved.

Management recommendations

Summary of any management recommendations for the AHIMS site

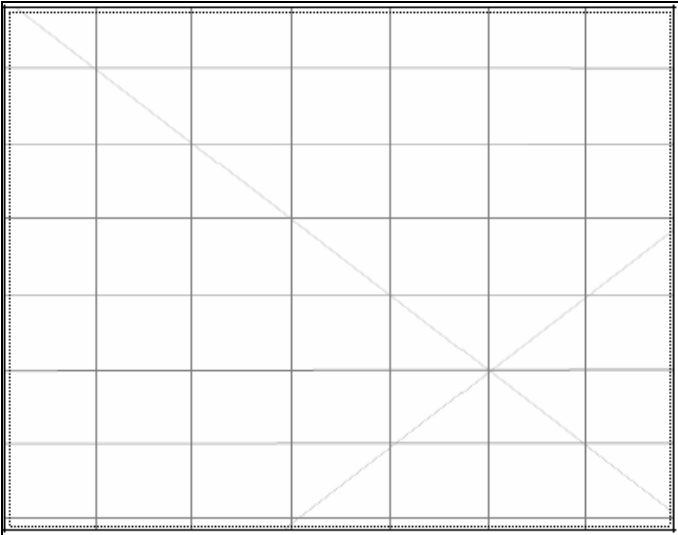
Post-investigation significance

Discuss if the scientific/archaeological or cultural significance of the site has changed in light of the results of the investigations or works conducted at the site.

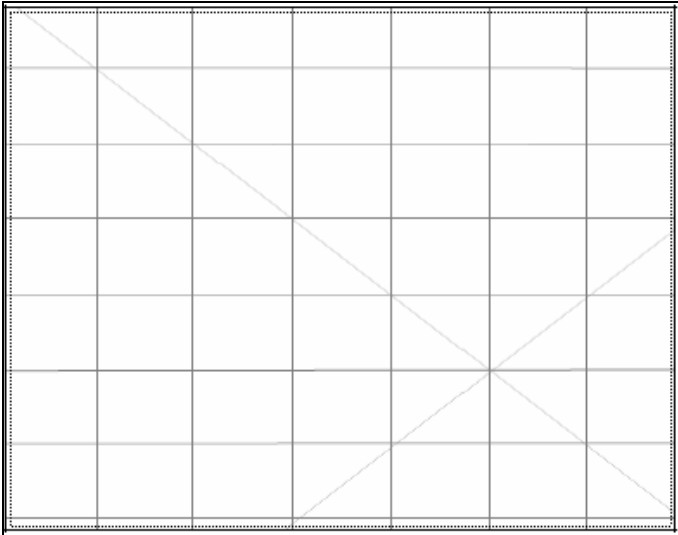
Additional comments

Site photographs

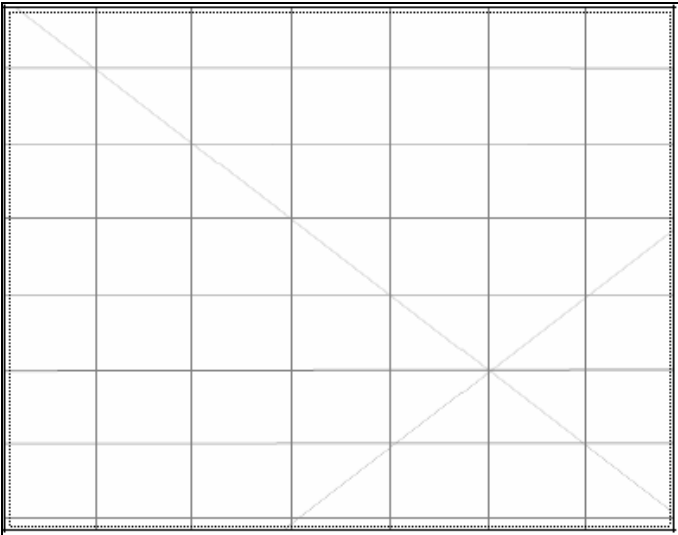
Include photographs of the authorised impacts activity, as relevant to the AHIMS site. Please keep photo size to a maximum of 200 kb.



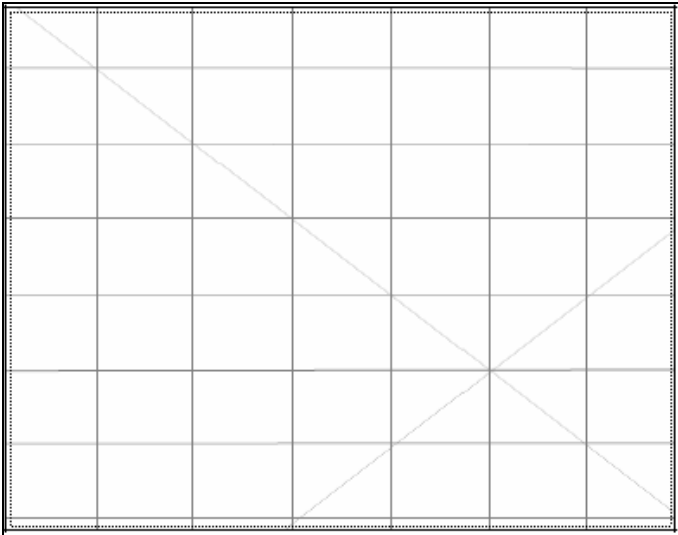
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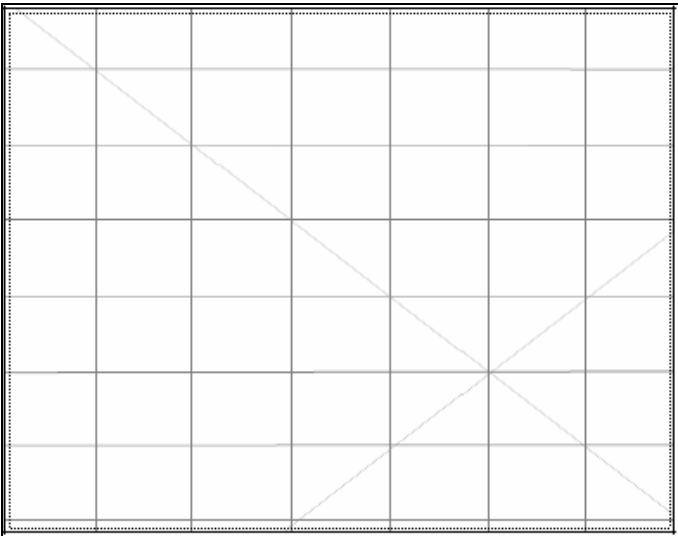
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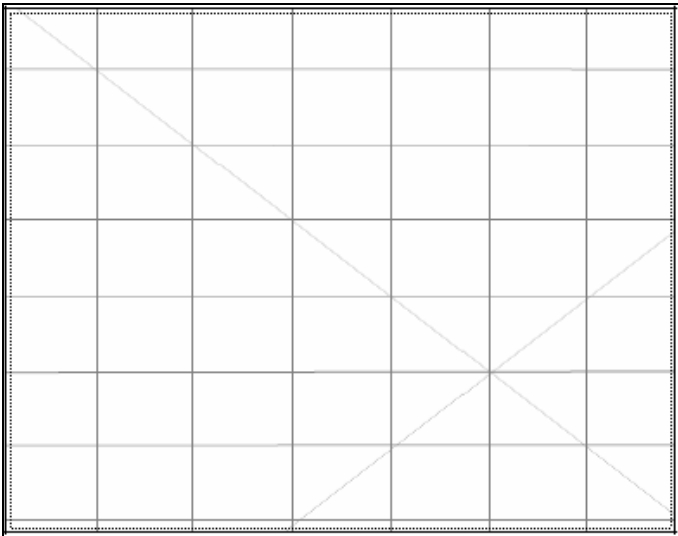
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Description:



Description:



Description:

