



New Forest High School
187 Allambie Road, Allambie Heights

Statement of Heritage Impact – Final Report

Prepared for School Infrastructure NSW

Acknowledgement of Country

We respect and acknowledge the Guringai People, their lands and waterways, their rich cultural heritage and their deep connection to Country, and we acknowledge their Elders past and present. We are committed to truth-telling and to engaging with the Guringai People to support the protection of their culture and heritage. We strongly advocate social and cultural justice and support the Uluru Statement from the Heart.

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Aboriginal and Torres Strait Islander readers are advised that this report may contain images or names of First Nations people who have passed away.

Report register

The following report register documents the development of this report, in accordance with GML’s Quality Management System.

Job no.	Issue no.	Notes/description	Issue date
20-0444	1	Draft Statement of Heritage Impact	11 April 2022
20-0444	2	Final Statement of Heritage Impact	27 July 2022

Quality assurance

The report has been reviewed and approved for issue in accordance with the GML quality assurance policy and procedures.

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Executive summary

School Infrastructure NSW has engaged GML Heritage Pty Ltd (GML) to prepare a Statement of Heritage Impact (SoHI) for the proposed New Forest High School, at 187 Allambie Road, Allambie Heights. This report addresses Assessment Requirements 18 and 19 of the Planning Secretary's Environmental Assessment Requirements (SEARS), issued 22 September 2021, for SSD-26876801. The SEARS included the following requirements in relation to heritage:

18. Aboriginal Cultural Heritage

Provide an Aboriginal Cultural Heritage Assessment Report prepared in accordance with relevant guidelines, identifying, describing and assessing any impacts for any Aboriginal cultural heritage values on the site. (ACHAR)

19. Environmental Heritage

Where there is potential for direct or indirect impacts on the heritage significance of items of environmental heritage, provide a Statement of Heritage Impact and Archaeological Assessment (if potential impacts to archaeological resources are identified), prepared in accordance with the relevant guidelines, which assesses any impacts and outlines measures to ensure they are minimised and mitigated. (Statement of Heritage Impact, Archaeological Assessment).

GML has previously prepared an Opportunities and Constraints Report (containing an Aboriginal Due Diligence Assessment and Archaeological Assessment), Aboriginal Cultural Heritage Assessment Report (ACHAR) and Archaeological Technical Report for the site. The information in these background reports has informed the assessment undertaken in this SoHI.

The assessment of the site, contained in the Opportunity and Constraints Report (GML 2021), including its Aboriginal cultural values, historical archaeological potential, and the significance of the individual buildings on the site, determined that the site contains some cultural significance for its social and representative values, and the potential for Aboriginal archaeological objects and sites. However, it concluded that the built and landscape elements on the site do not meet the threshold for heritage listing, and the site is unlikely to contain potential for historical archaeological remains or 'relics', as defined by the *Heritage Act 1977* (NSW) (Heritage Act).

The Due Diligence Report identified a sensitive zone within the site that required further Aboriginal cultural heritage assessment. The report recommended that the wider Aboriginal cultural landscape be included in the master planning process for the new school, and that test excavation be undertaken. It also provided guidelines for community consultation and further works.

The ACHAR, prepared in January 2022, confirmed that while the soils were intact, no artefacts were found within the previously identified sensitive zone. The ACHAR (which is attached to this report at Appendix A) fulfils Assessment Requirement 18 of the SEARS.

This SoHI responds to Assessment Requirement 19 of the SEARS by providing assessment of the impact of the schematic design (prepared by Architectus, dated 22 July 2022), on the heritage values of the site and heritage items in its vicinity.

The assessment of the proposed development, for the construction of a new school campus on which to relocate the Forest High School, has determined that it will have no detrimental impact on the significance of the site. While the site has some historic, social and associative value, it does not meet the threshold for listing and is not of heritage significance.

As such, no objections are raised to the proposed development on heritage grounds, subject to detailed recommendations. The proposed development will also have no impact on the heritage items in its vicinity. The distance from the heritage items prevents any direct impacts from occurring and views to and from the items will not be obstructed by the proposed development.

The assessment and recommendations contained in this SoHI are based on the architectural plans, prepared by Architectus and dated 22 July 2022.

Contents

Executive summary	ii
1 Introduction	1
1.1 Background	1
1.2 Identification and study area	2
1.3 Proposed development	4
1.4 Statutory context	5
1.5 Limitations	5
1.6 Methodology.....	6
1.7 Authorship and acknowledgements	6
1.8 Endnotes	6
2 Proposed works	7
2.1 Description of the proposed development	7
2.2 Documentation	8
2.1.1 Heritage advice and design input.....	8
3 Historical overview	9
3.1 Introduction	9
3.1.1 Aboriginal history.....	9
3.1.2 Early land grants and European occupation	9
3.1.3 Early twentieth-century development.....	11
3.2 Summary timeline of the site.....	18
3.3 Endnotes	19
4 Site analysis	20
4.1 Site and setting	20
4.1.1 McLeod House	20
4.2 Landscape.....	21
4.3 Site photographs	22
5 First Nations archaeology	26
5.1 Aboriginal Cultural Heritage Assessment Report summary	26
5.2 Summary of First Nations Values	28

6	Historical archaeological potential and significance	29
6.1	Overview	29
6.2	Understanding the impact of prior works and disturbance	29
6.3	Historical archaeological potential	30
6.4	Assessment of historical archaeological significance	30
6.5	NSW heritage criteria	30
6.6	Summary of historical archaeological significance	31
7	Built heritage	32
7.1	Statutory heritage listings.....	32
7.2	Heritage items in the vicinity	32
7.3	Built heritage significance of the site	33
7.3.1	Summary of built heritage significance	35
8	Landscape heritage	36
8.1	Landscape heritage significance of the site	36
8.1.1	Summary of landscape heritage significance	36
9	Heritage significance	39
9.1	What is heritage significance?	39
9.1.1	Assessment of significance.....	40
9.1.2	Summary statement of significance	43
10	Heritage impact assessment	44
10.1	Introduction	44
10.2	Assessment against the SEARS.....	44
10.3	Warringah Local Environmental Plan 2011	45
10.4	Warringah Development Control Plan 2011	47
10.5	Heritage Division guidelines.....	47
11	Conclusions and recommendations	50
11.1	Conclusion	50
11.2	Statement of Heritage Impact	51
11.3	Recommendations	51
12	Appendices	54
	Appendix A	54
	Aboriginal Cultural Heritage Assessment Report	54

1 Introduction

1.1 Background

School Infrastructure NSW has engaged GML Heritage Pty Ltd (GML) to prepare a Statement of Heritage Impact (SoHI) for the proposed New Forest High School, at 187 Allambie Road, Allambie Heights. This report addresses Assessment Requirements 18 and 19 of the Planning Secretary's Environmental Assessment Requirements (SEARS), issued 22 September 2021, for SSD-26876801. The SEARS included the following requirements in relation to heritage:

18. Aboriginal Cultural Heritage

Provide an Aboriginal Cultural Heritage Assessment Report prepared in accordance with relevant guidelines, identifying, describing and assessing any impacts for any Aboriginal cultural heritage values on the site. (ACHAR)

19. Environmental Heritage

Where there is potential for direct or indirect impacts on the heritage significance of items of environmental heritage, provide a Statement of Heritage Impact and Archaeological Assessment (if potential impacts to archaeological resources are identified), prepared in accordance with the relevant guidelines, which assesses any impacts and outlines measures to ensure they are minimised and mitigated. (Statement of Heritage Impact, Archaeological Assessment).

GML has previously prepared an Opportunities and Constraints Report (containing an Aboriginal Due Diligence Assessment and Archaeological Assessment), Aboriginal Cultural Heritage Assessment Report (ACHAR) and Archaeological Technical Report for the site. These reports have informed the assessment undertaken in this report.

The Opportunity and Constraints Report, prepared by GML in February 2021, included:

- a review of existing development standards and controls to identify existing and potential heritage values of the site including built heritage, landscape heritage, movable heritage, curtilages and significant views;
- an Aboriginal Due Diligence Assessment (adhering to the Office of Environment and Heritage *Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW*);
- a historical archaeology assessment to identify any archaeological potential on the site;

- assessment and grading of significance of the built elements within the site;
- a Statement of Significance for the site;
- advice on opportunities and constraints of the site, based on the heritage significance of the site and statutory compliance, including adaptive re-use, alterations/additions and conservation works to significant buildings, interpretation and archival recording; and
- a heritage framework for the master planning process that includes details of constraints on the site and advice on potential locations for new development.

The assessment of the site, including its Aboriginal cultural values, historical archaeological potential, and the significance of the individual buildings on the site, determined that the site contains some cultural significance for its social and representative values, and the potential for Aboriginal archaeological objects and sites. However, it concluded that the built and landscape elements on the site do not meet the threshold for heritage listing, and the site is unlikely to contain potential for historical archaeological remains or 'relics', as defined by the *Heritage Act 1977* (NSW) (Heritage Act).

The Due Diligence Report identified a sensitive zone within the site that required further Aboriginal cultural heritage assessment. The report recommended that the wider Aboriginal cultural landscape be included in the master planning process for the new school, and that test excavation be undertaken. It also provided guidelines for community consultation and further works.

The ACHAR, prepared in January 2022, later confirmed that while the soils were intact, no artefacts were found within the previously identified sensitive zone. The ACHAR (attached to this report) fulfills Assessment Requirement 18 of the SEARS.

This SoHI responds to Assessment Requirement 19 of the SEARS by providing assessment of the impact of the schematic design (prepared by Architectus, dated 22 July 2022), on the heritage values of the site and heritage items in its vicinity.

1.2 Identification and study area

The location and extent of the site are shown in Figure 1.1 and Figure 1.2. The site is identified as follows: Part of Lot 11 DP 1194177, Lot 13 DP 1112906, and Lots 750 and 751 DP1271174. The site has an area of approximately 4 hectares.

The site occupies the corner of Allambie Road and Aquatic Drive, Allambie Heights. The site is located directly north of the Cerebral Palsy Alliance Headquarters and Arranounbai School. The site contains one large building at the northeast corner, being the former

Country Children’s Hostel, known as McLeod House. The remainder of the site contains remnant gardens and landscaping associated with McLeod House and areas of hard stand car parking.

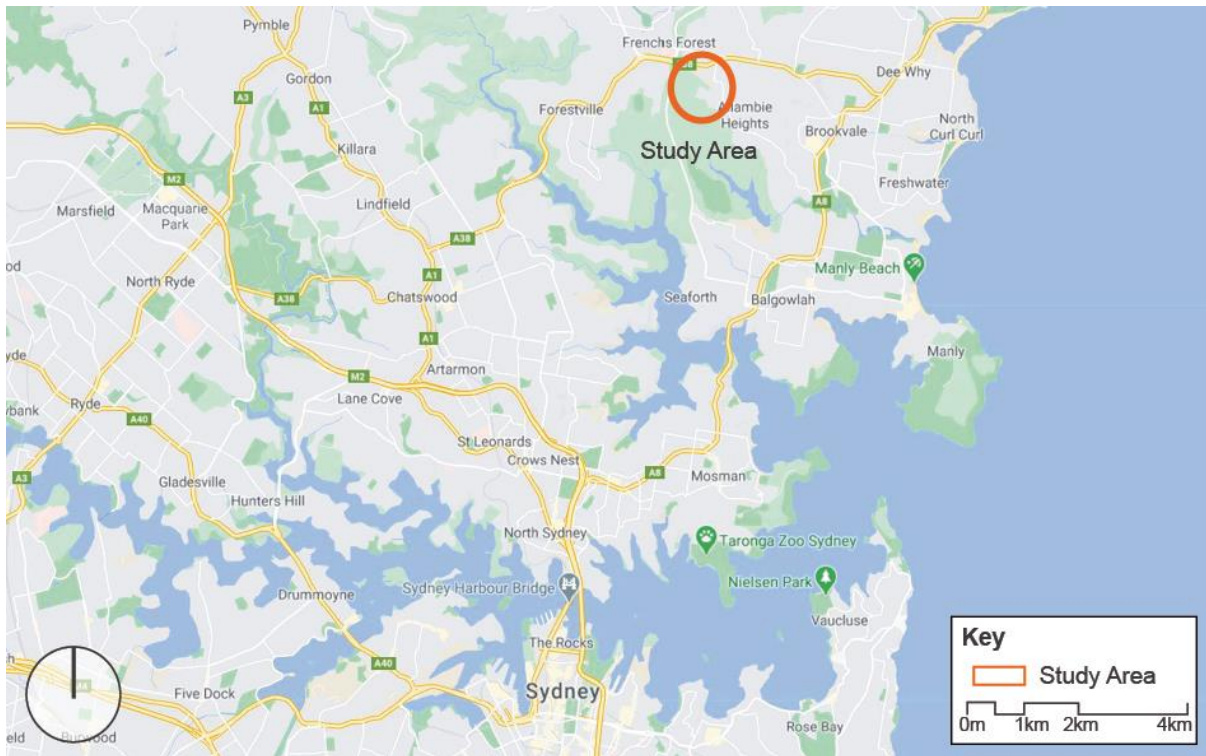


Figure 1.1 The location of the site. (Source: © Google Maps with GML overlay, 2020)



Figure 1.2 Aerial view of the site. (Source: © Nearmap with GML overlay)

1.3 Proposed development

The proposed development is for the construction of a new school campus on which the Forest High School will be relocated. The New Forest High School will accommodate 1,500 students. The project is considered to be State Significant Development (SSD) and will follow the SSDA planning pathway for approval.

The scope of works includes the construction of:

- seven blocks (A through G) comprising classrooms, administration, library, staff, and canteen facilities;
- a sporting field and six games courts;
- at-grade and basement level parking; and
- associated earthworks, tree removal, landscaping, stormwater works, service upgrades and supporting infrastructure.

This scope of works is based on the architectural plans prepared by Architectus and dated 22 July 2022.

Consent has previously been granted for the demolition of the existing building on the site (known as McLeod House) and this does not form part of the SSDA.

1.4 Statutory context

The *Environmental Planning & Assessment Act 1979* (NSW) (EPA Act) provides for the protection of local heritage items and conservation areas through listing of Local Environmental Plans (LEPs) and State Environmental Planning Policies (SEPPs), which provide local councils with the framework required to make planning decisions.

The proposal has been identified as State Significant Development (SSD) because it involves the development of a new education establishment. State Significant applications (SSDs) are assessed by the Department of Planning. The Department considers the following when assessing SSD applications:

- existing strategic plans and policies (including state, regional and local)
- feedback and comments from the relevant local council(s)
- specialised and technical input and advice received from federal and state government agencies
- public submissions received during the exhibition
- the public interest

The site is located within the Northern Beaches Local Government Area, approximately 16km north of Sydney. The *Warringah Local Environmental Plan 2011* (WLEP 2011) and the *Warringah Development Control Plan 2011* (WDCP 2011) apply to the site and provide statutory protection of items listed in Schedule 5 of the WLEP 2011. In addition to this, items of heritage significance and archaeological remains (referred to as 'objects' or 'relics') are afforded statutory protection under the *National Parks and Wildlife Act 1974* (NSW) (NPW Act) and the *Heritage Act 1977* (NSW) (Heritage Act).

1.5 Limitations

This report provides an assessment of First Nations and historical archaeological and built heritage resources within the site.

This report provides overarching management recommendations regarding archaeological potential and other heritage values associated with the site. The management recommendations respond to statutory requirements under the Heritage Act and the NPW Act, as well as best practice approaches to managing heritage values, including intangible values. This report does not replace the need to prepare any

development specific heritage reports that may be required as part of the future development program.

1.6 Methodology

This report has been prepared with reference to the following documents and guidelines:

- NSW Heritage Manual, *Assessing Heritage Significance*, NSW Heritage Office, 2001;
- NSW Heritage Manual, *Archaeological Assessments*, NSW Heritage Office, 1996;
- *Assessing Significance for Historical Archaeological Sites and Relics*, NSW Heritage Branch 2009;
- 'Statements of Heritage Impact', a *NSW Heritage Manual* update;¹
- the *Australia ICOMOS Burra Charter, 2013* (the Burra Charter).²
- Archaeological Assessment Guidelines, NSW Heritage Office, 1996;
- NSW Heritage Manual, 1996;
- *Assessing Heritage Significance*, NSW Heritage Office, 2001;
- *Historical Archaeological Investigations: A Code of Practice*, 2006; and
- *Assessing Significance for Historical Archaeological Sites and Relics*, Heritage Branch 2009.

1.7 Authorship and acknowledgements

This report has been prepared by Talei Holm (Heritage Consultant) and Loredana Sipione (Heritage Consultant). Lisa Trueman (Senior Associate), Dr Nadia Iacono (Senior Associate), and Dr Tim Owen (Principal) have provided input and review. Ari Anderson (Special Advisor) provided input regarding landscaping conservation.

1.8 Endnotes

¹ NSW Heritage Office 1991, *Statements of Heritage Impact*.

² Australia ICOMOS Inc, *The Burra Charter: the Australia ICOMOS Charter for Places of Cultural Significance 2013*, Australia ICOMOS Inc, Burwood, VIC, 2000.

2 Proposed works

2.1 Description of the proposed development

The proposed development is for the construction of a new school campus on which the Forest High School will be relocated. The New Forest High School will accommodate 1,500 students. The project is considered to be State Significant Development (SSD) and will follow the SSDA planning pathway for approval.

The scope of works includes the construction of:

- seven blocks (A through G) comprising classrooms, administration, library, staff, and canteen facilities;
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This scope of works is based on the architectural plans prepared by Architectus and dated 22 July 2022.

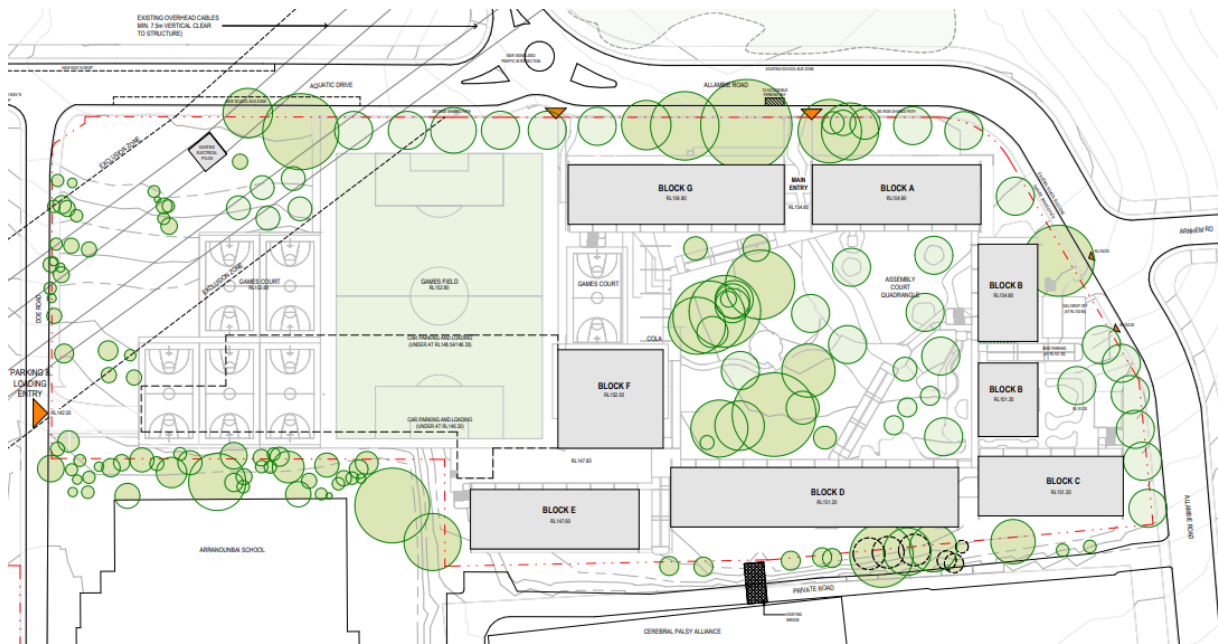


Figure 2.1 Site plan of the proposed development. (Source: Architectus 2022)

2.2 Documentation

This report has assessed the impact of the proposed development on the items in the vicinity of the site based on the following documentation (Table 2.1).

Table 2.1 Relevant documents.

Document name	Issue date	Issued by
SD1001 - Context Plan – Site Plan (Issue L)	22 July 2022	Architectus
SD1002 – Context Plan – Lower Ground Plan 1 (Issue N)	22 July 2022	Architectus
SD1003 – Context Plan – Lower Ground Plan 2 (Issue N)	22 July 2022	Architectus
SD1004 – Context Plan – Upper Ground Plan (Issue M)	22 July 2022	Architectus
SD1005 – Context Plan – Level 1 Plan (Issue K)	22 July 2022	Architectus
SD1006 – Context Plan – Roof Plan (Issue I)	22 July 2022	Architectus

2.1.1 Heritage advice and design input

In addition to the Opportunities and Constraints Report and ACHAR, GML has provided ongoing heritage advice into the design of the proposed development, through participation in design meetings and iterative design advice.

3 Historical overview

3.1 Introduction

This section provides an overview of the historical background of the site. It is based upon secondary sources, supplemented with additional primary research from the NSW Spatial Collaboration Portal and NSW Land Registry Services.

3.1.1 Aboriginal history

Aboriginal occupation of Australia dates back at least 60,000 years. The site lies within Kuring-gai (Guringai) Country. Throughout the Northern Beaches Aboriginal people lived mainly along the foreshores of the harbour and coastline. They fished and hunted in the waters and hinterlands of the area, and harvested food from the surrounding bush.¹ Evidence of the long period of Aboriginal occupation in the Northern Beaches is scattered throughout the area in the form of shell middens and rock art engravings.

3.1.2 Early land grants and European occupation

The site, 187–189 Allambie Road, is located on Crown land comprising leases of portions 2467, 2594, 2685 and 2733 of the Parish of Manly Cove. Special leases were granted to The Spastic Centre between 1950 and 1966. Portions 2594 and 2685 were originally Mining Leases 23 and 43, notified in August 1935. The entire subject site originally formed part of the catchment land reserved for the water supply for Manly. The catchment was protected from development due to its utility as a water reservoir from 1892 to 1936. Since that time some areas close to the present Manly Dam Reserve (also known as the Manly Warringah War Memorial Park) have been subdivided off and sold for development.

Notations on a 1965 Crown Plan 9023.2030 (Portion 2685) indicate 'old workings' southwest of this block and note a 'broken slate formation with old quarry workings'. Similar survey plans for Portions 2467 and 2594 describe the land as undulating low scrub with clay soil. A vehicular track off Allambie Road provided the principal means of access to the mining lease portions south of Portion 2467. The 1943 aerial shows a network of tracks crisscrossing the site.

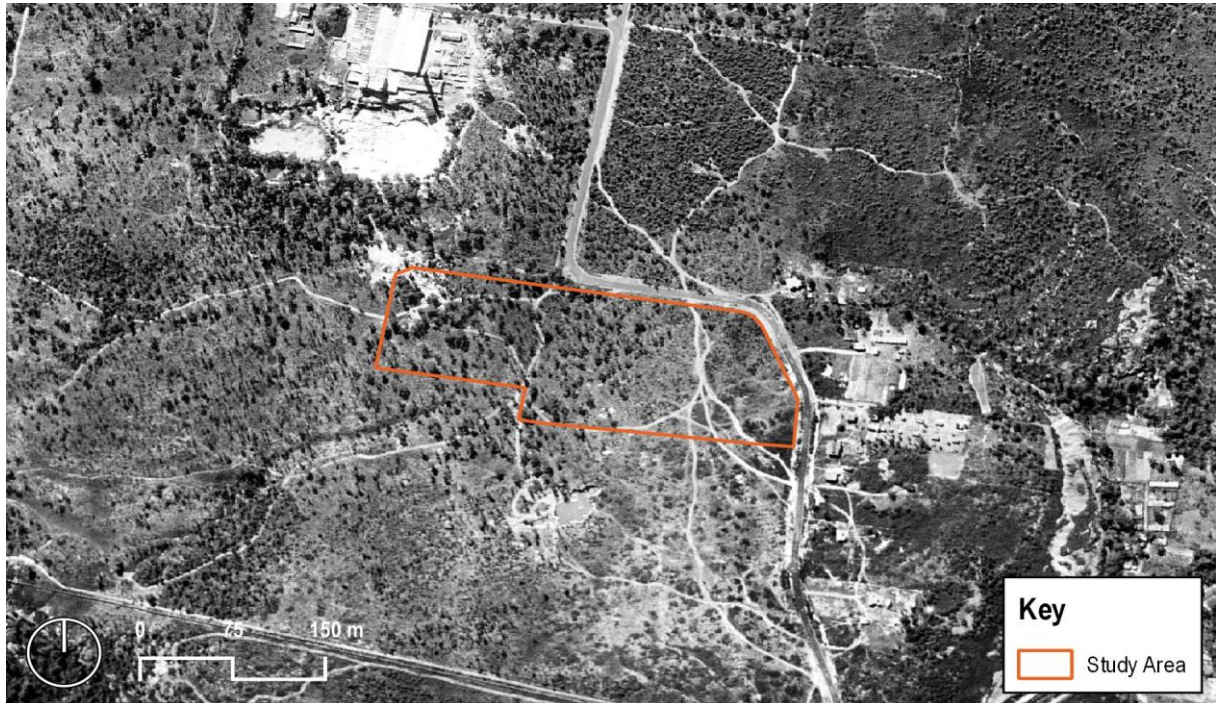


Figure 3.1 1943 aerial photograph with the site outlined. (Source: NSW Spatial Collaboration Portal, with GML overlay, 2020)

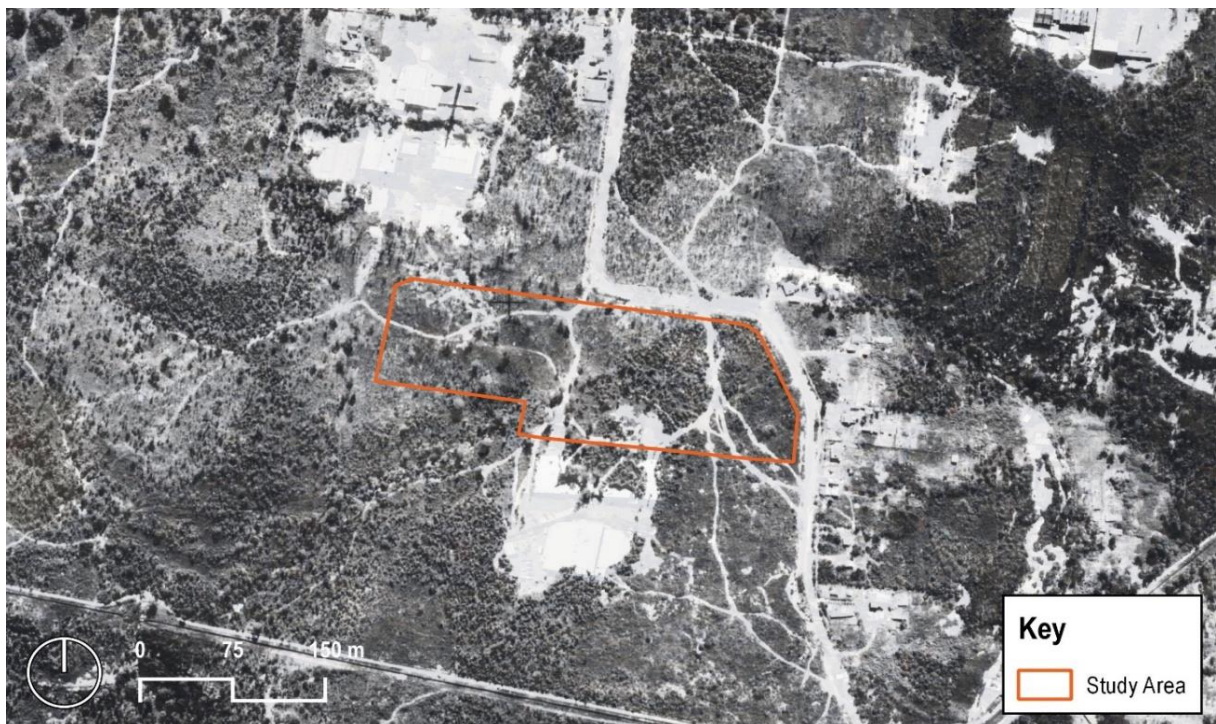


Figure 3.2 1951 aerial photograph with the site outlined. (Source: NSW Spatial Collaboration Portal, with GML overlay, 2020)

3.1.3 Early twentieth-century development

The Spastic Centre of New South Wales, now known as the Cerebral Palsy Alliance, was founded on 9 December 1944 at Mosman by a group of parents of children with cerebral palsy. The centre commenced operations on 30 January 1945. The group was led by Neil and Audrie McLeod, whose own daughter was born with the condition. From the beginning, the organisation relied heavily on donations (eg annual Button Day) and volunteer labour to foster its growth across the state.

In February 1950, the Minister for Lands announced a grant of 5 acres of Crown land in Allambie Road to the Spastic Centre. The land was to be used to build a hostel for country children with cerebral palsy.² The Minister indicated in his announcement that when clay and shale mining operations on the adjoining 4.75 acres of Crown land were completed, he would consider granting this area to the committee also.³

On 3 November 1953 B Doran, a Boggabilla grazier born with cerebral palsy, laid the foundation stone of the new country hostel at Allambie Road. According to the president of the board of directors, Albert Lee, the hostel would cost about £80,000 to build and house about 500 children when completed. He anticipated that a large part of the hostel would be built within 12 months.⁴

In September 1954, the *Sydney Morning Herald* provided a description of the building under construction and progress to date:

Voluntary labour and donation of materials towards building the Spastic Centre Hostel in Allambie Road, Frenchs Forest will cut the estimated construction cost from about £170,000 to £110,000.

The hostel is being built on 7.5 acres of land leased from the Government. It will be built of brick with coloured external walls and a blue tile roof. The building will command extensive views of the ocean, Sydney Harbour, and a wide area of forest country.

The purpose of the hostel is to provide accommodation for 100 cerebral palsied country children and hospital accommodation for 24 patients. Accommodation will also be provided for trained staff and mothers who will be staying at the hostel to care for the children.

Sydney architect R. Pollock decided on a style of curvilinear architecture, with radially intersecting corridors having four wings set radially to the main building. Foundations in the area provided a major problem. The subsoil was white clay of varying depth, a notoriously unstable material. Because of this 137 piers have been sunk, each 2ft 6in in diameter, the deepest of which was 28 feet. More than half a mile of concrete piers were sunk to provide necessary foundation.

Foundations have been laid for two of the wings of the building. A nucleus of skilled labour is permanently employed on the job, but most of the work is done by voluntary labour.

The main building faces north and has a frontage of 263 feet to Allambie Road. It contains playrooms, pre-school accommodation, speech and physiotherapy rooms, main and staff dining rooms, kitchen, entrance hall, reception room, matron’s office and store rooms. The main corridor, from which the wings radiate, is 7 feet 6 inches wide to allow for children who use crutches and the use of wheel chairs.

The site has been levelled to the main building to give easy access for children from public rooms to the lawns. In placing wings to the main building, Mr. Pollock was influenced by the fact that it was possible for all rooms to get sun at least once a day.⁵

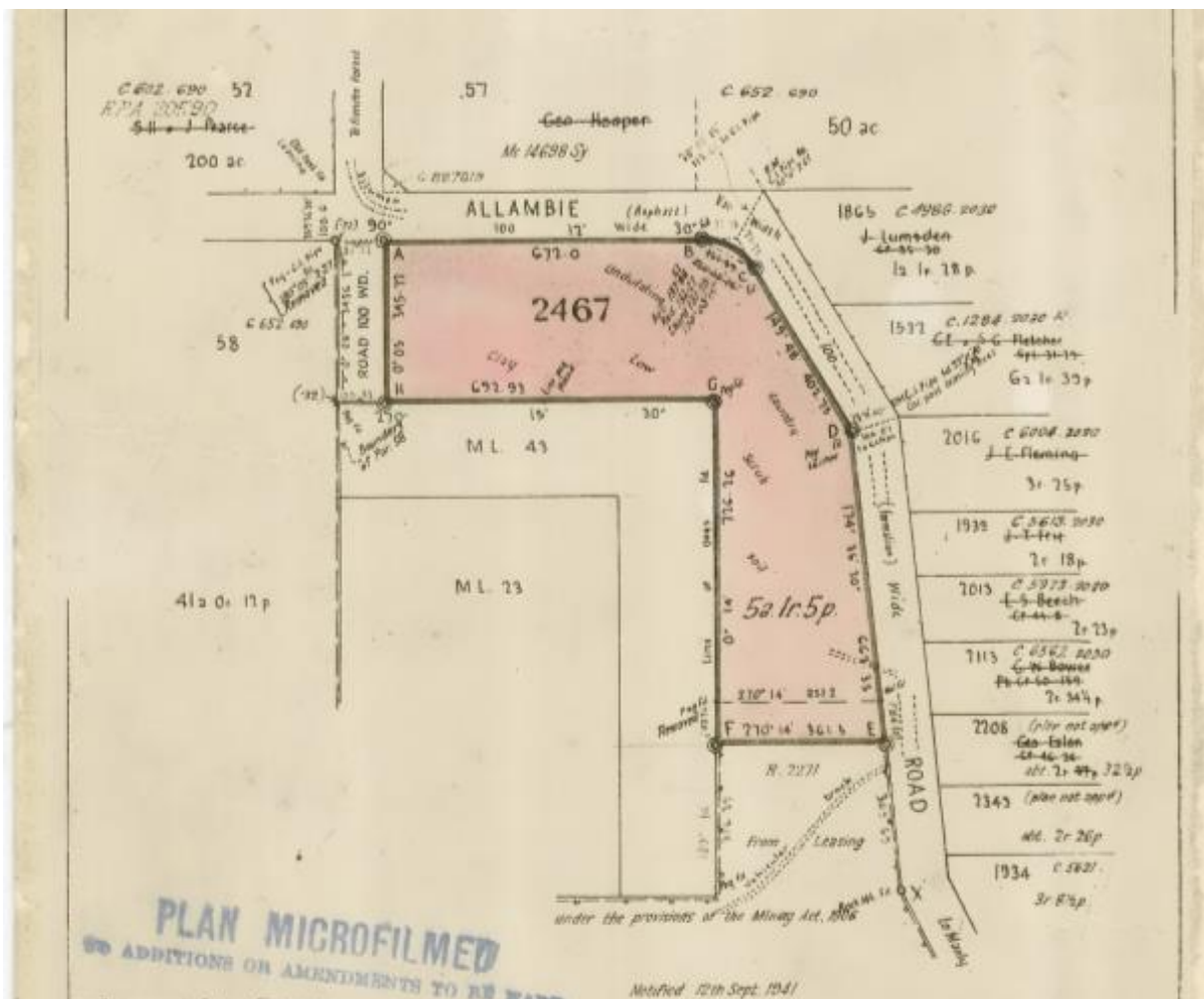


Figure 3.3 Detail from Plan of Portion 2467, Parish of Manly Cove, 1954. (Source: NSW Land Registry Services, Crown Plan 6816.2030)

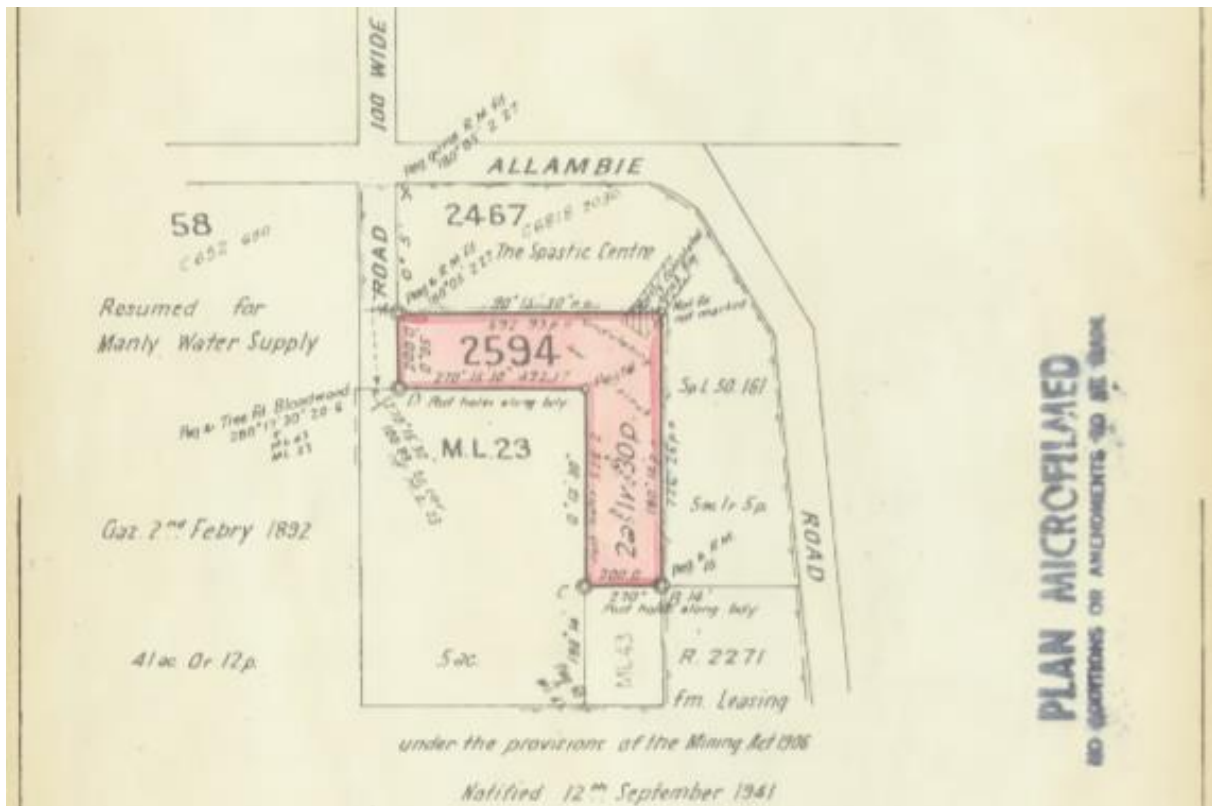


Figure 3.4 Detail from Plan of Portion 2594, Parish of Manly Cove, 1956. (Source: NSW Land Registry Services, Crown Plan 6816.2030)

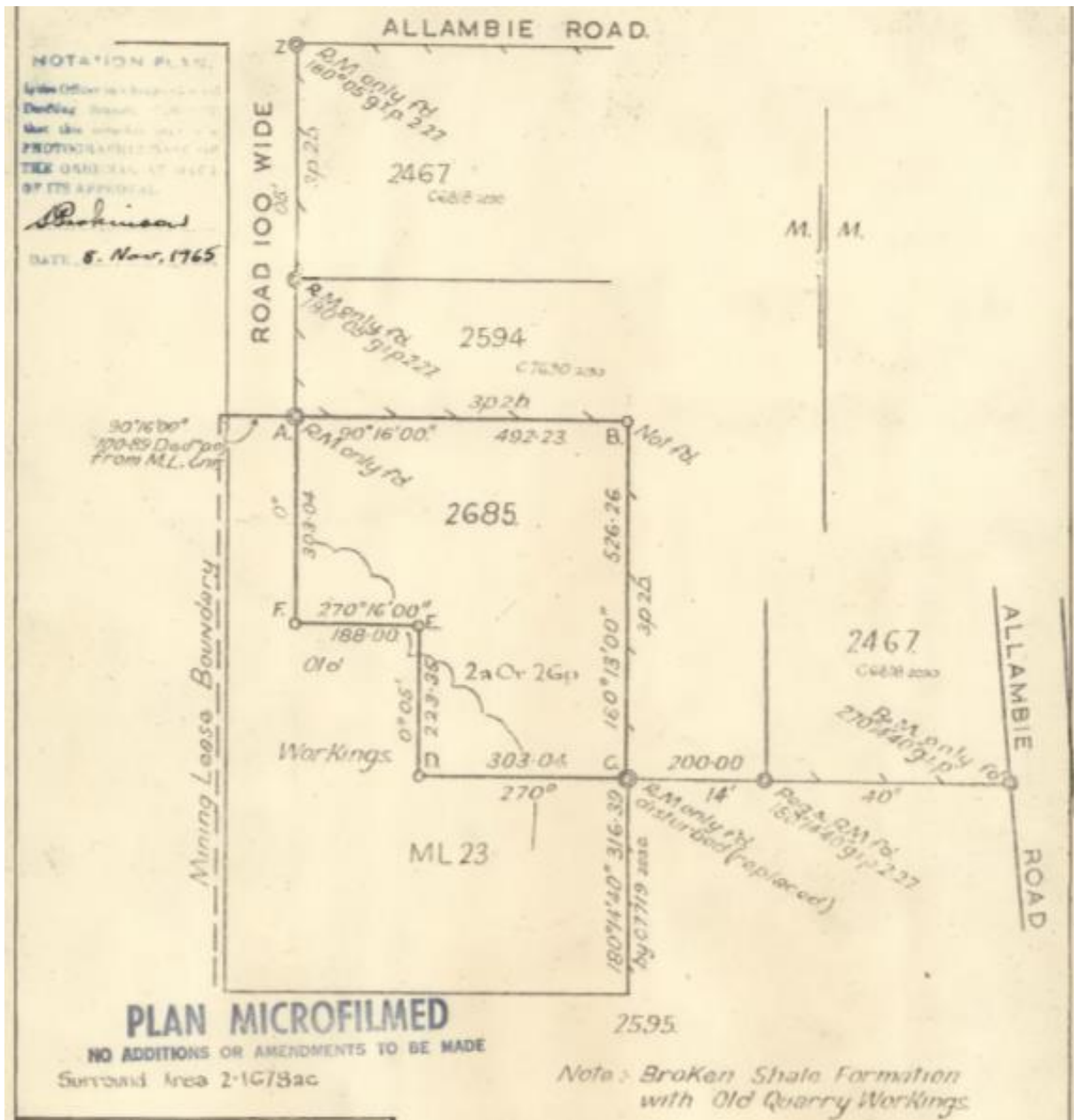


Figure 3.5 Detail from Plan of Portion 2685, Parish of Manly Cove, 1965. (Source: NSW Land Registry Services, Crown Plan 9023.2030)

In 1956 the Spastic Centre put a call out for voluntary teams of building tradesmen, skilled and unskilled, to join the Spastic Centre’s ‘Chain Gang’ to help out on weekends to complete the new hostel at Allambie Heights.⁶ The Country Children’s Hostel, later known as McLeod House, opened at Allambie Heights in 1957 as a ‘home away from home’ for dozens of country children who could now, like their city counterparts, access a full range

of services. The nursing staff was assisted by live-in mothers who stayed for two-week periods.⁷

In 1968 the Minister for Lands granted a lease of a further 5 acres of land to The Spastic Centre (Portion 2733) south of its existing property. Stage 1 of the Centre Industries was completed in 1961, comprising a 20,000sq ft factory. Centre Industries was the industrial rehabilitation division of the Spastic Centre. In August 1972, the factory engaged 850 people, including 250 disabled people. The Centre manufactured microwave equipment for General Telephone and Electronics Australia Pty Ltd (GTE). GTE underwrote the \$500,000 investment at Centre Industries, as it forecast orders to increase to \$5 million a year by 1976.⁸ The factory was subsequently extended three times when it won major contracts from Telecom, Sagem and GTE Australia Ltd. Neil McLeod, director of The Spastic Centre, became managing director of Centre Industries in 1974. At this time, it employed 300 people with physical disabilities and 200 able-bodied people. McLeod retired from his role in 1986.

The Spastic Society’s Head Office at Allambie Heights was destroyed by fire in December 2007.

In 2012, development approval was given for the demolition of McLeod House and the Cerebral Palsy Alliance moved from McLeod House to the adjacent purpose-built building in around 2015 (located on the adjacent site).



Figure 3.6 Volunteer workers helping with the construction of McLeod House, c1957. (Source: ‘Nothing is Impossible: Adventures in cerebral palsy’ by Neil McLeod, 1986)



Figure 3.7 Volunteer workers helping with the construction of McLeod House, c1957. (Source: 'Nothing is Impossible: Adventures in cerebral palsy' by Neil McLeod, 1986)



Figure 3.8 McLeod House shortly after construction, c1957. (Source: 'Nothing is Impossible: Adventures in cerebral palsy' by Neil McLeod, 1986)

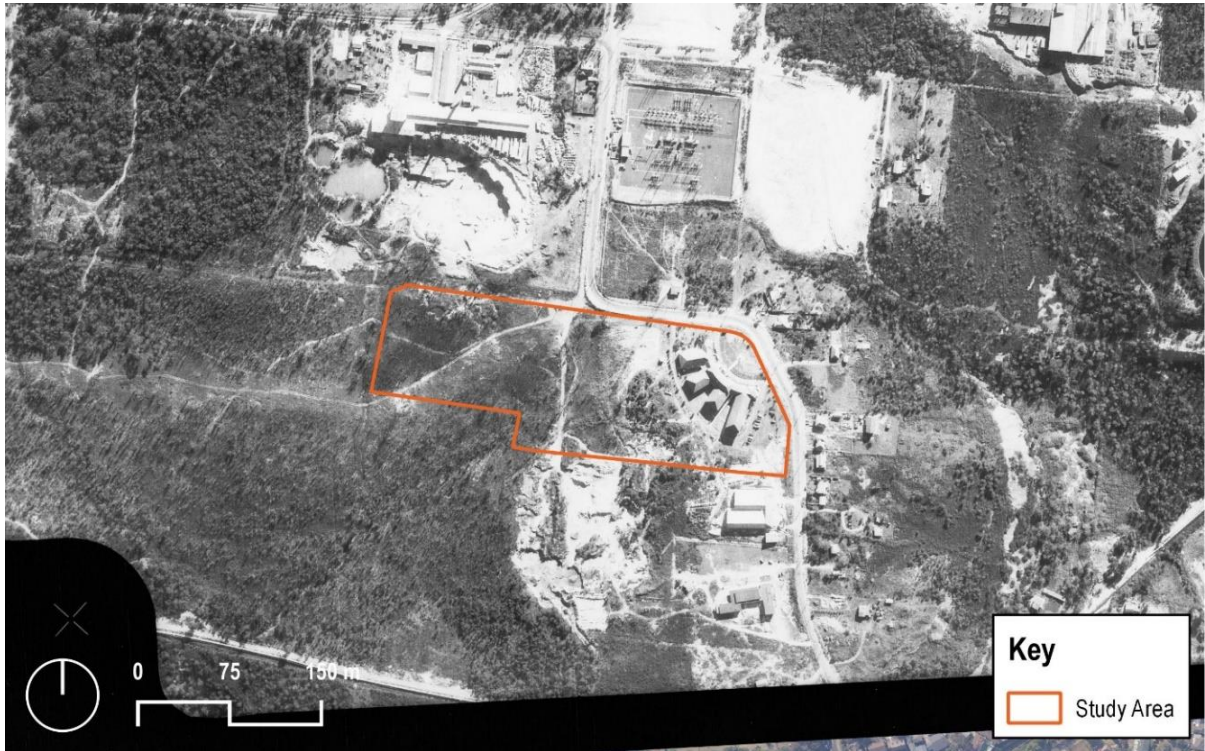


Figure 3.9 1961 aerial photograph with the site outlined. (Source: NSW Spatial Collaboration Portal, with GML overlay, 2020)



Figure 3.10 1976 aerial photograph with the site annotated. (Source: NSW Spatial Collaboration Portal, with GML additions, 2020)

3.2 Summary timeline of the site

The summary timeline below notes the development of the site.

Table 3.1 Summary historical timeline for 187–189 Allambie Road.

Date	Event
1892	Land set aside in Parish of Manly Cove to supply fresh water for Manly.
1930s?	Portions of Manly Water Reserve subdivided as mineral leases (ML).
December 1944	Spastic Centre of New South Wales founded by group of parents of children with cerebral palsy.
1945	Spastic Centre commenced operation at Mosman on 30 January.
1930s–1940s	Clay and shale quarrying in vicinity of subject site.
February 1950	Minister for Lands announced special lease of 5 acres of Crown land to the Spastic Centre.
1950–1968	Special leases granted to The Spastic Centre, including portions 2594, 2685, 2467 and 2733.
November 1953	B Doran laid foundation stone for new country hostel on subject site. Building designed by R Pollack.
1954–1956	Foundations work commenced in October 1954. Country children’s hostel under construction by voluntary labour using donated materials.
1957	McLeod House opened.
2007	Fire destroyed Head Office to the south of McLeod House.
2011	The Spastic Centre changed its name to Cerebral Palsy Alliance.
2012	Application to demolish McLeod House approved under DA2011/1633.
Circa 2015	McLeod House ceased use.
2015	Application to subdivide Lot 11 DP 1194177, Lot 2853 DP 822350 and Lot 13 DP 1112906 approved under DA2014/1328. It appears subdivision has not occurred.
2016	Northern wing of the McLeod House was demolished.

3.3 Endnotes

- ¹ Aboriginal Heritage Office, 'A Brief Aboriginal History', viewed 5 April 2022 <<https://www.aboriginalheritage.org/history/history/>>.
- ² 'New hostel for spastics', *The Daily Telegraph*, 10 February 1950, p 11, Trove via National Library of Australia <<http://nla.gov.au/nla.news-article248995976>>.
- ³ 'Property Made Available for Spastic Centre', *Daily Advertiser*, 13 February 1950, p 2, Trove via National Library of Australia <<http://nla.gov.au/nla.news-article145344865>>.
- ⁴ 'Home for Spastics', *The Sydney Morning Herald*, 4 November 1953, p 4, Trove via National Library of Australia <<http://nla.gov.au/nla.news-article27522800>>.
- ⁵ 'Helpers Cut £60,000 off cost of Spastic Centre', *The Sydney Morning Herald*, 28 September 1954, p 11, Trove via National Library of Australia <<http://nla.gov.au/nla.news-article18443887>>.
- ⁶ N.S.W. Teachers Federation and New South Wales Public School Teachers Federation, 'WORKERS WANTED: SPASTIC CENTRE'S CALL FOR HELP', *Education*, 1919, Trove via National Library of Australia <<http://nla.gov.au/nla.obj-657148257>>.
- ⁷ 'Who we are, history', Cerebral Palsy Alliance <<https://cerebralpalsy.org.au/who-we-are/history/#1515619181699-13267fea-90d4>>.
- ⁸ Australian Trade Commission, Australia, Department of Trade and Resources, Australia, Department of Commerce and Agriculture, Australia, Department of Trade and Industry, Australia, Department of Overseas Trade and Australia, Department of Trade, Overseas Trading, 4 August 1972, p 33, Trove via National Library of Australia <<http://nla.gov.au/nla.obj-1067688040>>.

4 Site analysis

4.1 Site and setting

The site occupies the corner of Allambie Road and Aquatic Drive, Allambie Heights. The surrounding area is characterised by low density residential to the east and light industries and office premises to the north. The Cerebral Palsy Alliance Headquarters and Arranounbai School are directly south of the site.

The site is predominantly flat with a gentle slope to the southeast corner. The original formal access to the site is via a curved drive on the northeast corner of the site on Allambie Road. There is additional access and hardstand carparking to the south.

The site contains one large building at the northeast corner, being the former Country Children's Hostel, known as McLeod House. The remainder of the site contains remnant gardens and landscaping associated with McLeod House and areas of hardstand carparking.

4.1.1 McLeod House

McLeod House is a two-storey painted brick building, with a pitched roof of green concrete roof tiles. The building originally contained four wings connected by a curved portico structure to the north (one wing has recently been demolished). The main entrance to the building is at the centre of the curve on the northern side of the building. The building features timber-framed sash windows, timber-framed doors with arched highlights and a curved first floor verandah to the easternmost wing.

The building was built by the former Spastic Centre (now Cerebral Palsy Alliance) and designed to cater for the needs of its residents. It featured specialised plumbing and equipment as well as a long ramp to the rear of one of the wings. Originally, the wings of the building were divided by use; one for the boys, one for the girls, one for the treatment rooms and another as a hospital wing. Later the hospital wing was converted to an adult residential wing.

McLeod House is currently disused and in very poor condition due to ongoing vandalism and neglect. Many windows and doors have been damaged beyond repair and sections of the roof are missing tiles, which has led to water ingress. Large areas of concrete cancer were also observed on the first-floor verandah.

Internally the building is severely damaged and uninhabitable in its current state. On the ground floor, several rooms are filled with debris from walls which have been subject to vandalism.

Additionally, the integrity of McLeod House has been reduced through the demolition of the northernmost wing in 2016. The physical fabric of the building appears to be unsalvageable due to its condition and integrity.

4.2 Landscape

In terms of layout and land use of the site, the cultural plantings and landscape have generally remained uniform since the construction of McLeod House in the 1950s-1960s.

The site's northeastern garden retains the overall form of its initial layout. A broad open lawn supports a central planter feature, possibly formerly a pond, now mass planted with a box hedge. A pathway connects that element to the arching driveway at the entrance to the building. Garden beds abutting the driveway contain remnant cultural plantings made since the establishment of the complex, with some remaining specimens likely dating from the site's original planting plan. Amongst these are species found commonly in institutional and residential sites developed in the second half of the twentieth century, including Frangipani, Hibiscus, Plumbago, Murraya, Abelia, Cotoneaster and Crepe Myrtle. Several 'feature' statement plantings remain, abutting the northern façade of the building's principal frontage, including a pencil pine at the front entry door and various large conifers at both ends of the entry drive. Two immature Hills Figs also frame that entry. Two mature canopy trees, Ficus and Schinus specimens, mark the southern end of the drive, as it joins Allambie Road. The remainder of the Allambie Road frontage contains no plantings of note, being largely framed by a garden bed with multiple Bird of Paradise shrubs spaced along the bed's length and massed Agapanthus throughout.

The southeastern corner of the site, comprising the property's original carpark precinct, is underwhelming in terms of planted inclusions and landscape elements. A skirt of lawn framing the eastern side of the Allambie Road carpark supports spaced shrubs which include Oleander, Cotoneaster and Bottlebrush. The western side of the carpark is marked by a line of small Araucaria Pines, in various states of arboricultural health. Three large Golden Cypresses are extant, directly abutting the eastern façade of the original complex's southern wing. The northern of these two specimens has had a substantial section of its centre removed, likely due to die-off. A large Agonis specimen and an Umbrella Tree abut the southern end of the building wing.

The western grounds of the original building complex have deteriorated to much the same degree as the front gardens to the east. The principal difference between the eastern and western garden precincts in terms of cultural plantings is the scale of the

specimens to the west. Larger-growing canopy and conical trees were deployed in greater numbers through the western garden, no doubt considering future shade and general ambience needs of residents, visitors and staff. There remain multiple mature and semi-mature Hills Figs, Canary Island Pines and conifers through this precinct, with various other statement plantings including Poplar, Plane Tree, Liquidambar, Chinese Tallow and Japanese Cedar. Several eucalypts, which may be remnants of the original forest on the site, remain throughout the western gardens close to the original building group.

The western garden precinct is relatively compact in relation to the western boundary extent of the site. It is curtailed by an expansive carpark zone, to the north of which appear to lie the remains of a playing field platform. Other than the mature plantings dotted through the former western 'designed' garden of the site, its principal identifying feature is the overgrown remains of several circuitous pathways. These formerly provided access around that garden precinct and were likely used for general recreation purposes. The central and largest one has a circular maze form. A low dry stone (mostly camouflaged) wall surrounds the base of a Hills Fig in the south of this zone. This bush rock wall was probably added as a retaining wall to support some minor re-levelling in the 1960s or 1970s.

The western portion of the property is densely overgrown, with a central cleared section accessible from the western carpark. The southeastern corner of this western portion contains scattered natives including eucalypts and Allocasuarina.

4.3 Site photographs

The following photographs were taken by GML in December 2020, unless stated otherwise.

Exterior



Figure 4.1 View facing west towards the easternmost wing of McLeod House, with remnant landscaping in front.



Figure 4.2 View between two wings with a ramp in between, facing north.



Figure 4.3 Curved first-floor verandah to the easternmost wing.



Figure 4.4 Concrete cancer to the underside of the first-floor verandah.



Figure 4.5 View east facing the former northernmost wing, demolished in 2016.



Figure 4.6 Partially demolished walls and broken roof tiles to one of the wings.



Figure 4.7 Relict central lawn feature of the complex’s front lawn, mostly filled with Buxus. (Source: Ari Anderson 2021)



Figure 4.8 The northern façade, showing the original conifer planting abutting the building and infill plantings including Hills Fig and Murraya. (Source: Ari Anderson 2021)



Figure 4.9 Looking north across the largest of the four circuitous pathway features established in the western recreation gardens of the original complex by the 1970s. (Source: Ari Anderson 2021)



Figure 4.10 Several of the largest trees to the west of the original building complex, including Canary Island Pine (*Pinus canariensis*) specimens. (Source: Ari Anderson 2021)

Interior



Figure 4.11 Partially demolished walls and debris caused by vandalism.



Figure 4.12 Bathroom on the ground floor with heavy debris and boarded windows.

5 First Nations archaeology

The purpose of this section is to summarise the previous First Nations cultural heritage assessments written for the project and discuss the significance of the site. GML wrote a Due Diligence Report in 2020 for State Infrastructure NSW as an initial assessment of the site, contained within the Opportunities and Constraints Report (GML 2021). The Due Diligence Report found that there was potential for intact soil profiles to be present in the site, mainly in the central garden. As such, it was registered on the Aboriginal Heritage Information Management System (AHIMS), managed by Heritage NSW, as a potential archaeological deposit (PAD) 45-6-4010.

As per the recommendations of the Due Diligence Report, an Aboriginal Cultural Heritage Assessment Report (ACHAR), including test excavation under the code of practice, was completed in 2022.

5.1 Aboriginal Cultural Heritage Assessment Report summary

In November 2021, a survey and test excavation was carried out over three days with representatives from the Metropolitan Local Aboriginal Land Council, Kamilaroi Yankuntjatjarra Working Group and Tocomwal. The survey found that most of the site was highly disturbed and no objects were identified.

Seventeen 50cm² test units were excavated in PAD 45-6-4010. Of these, 13 were highly disturbed and four had intact soil profiles. No objects were uncovered during the test excavation. During the site survey, rock engraving 45-6-0905 (a kangaroo), located to the south of the site, was visited. It was identified as having an intangible connection through the site (Figure 4.1 and Figure 4.2). Graffiti on the McLeod House (Figure 4.2) was also identified as being a First Nations piece. It has low social value as contemporary archaeology.



Figure 5.1 Rock engraving 45-6-0905, which is in the vicinity of the site. (Source: GML 2021)

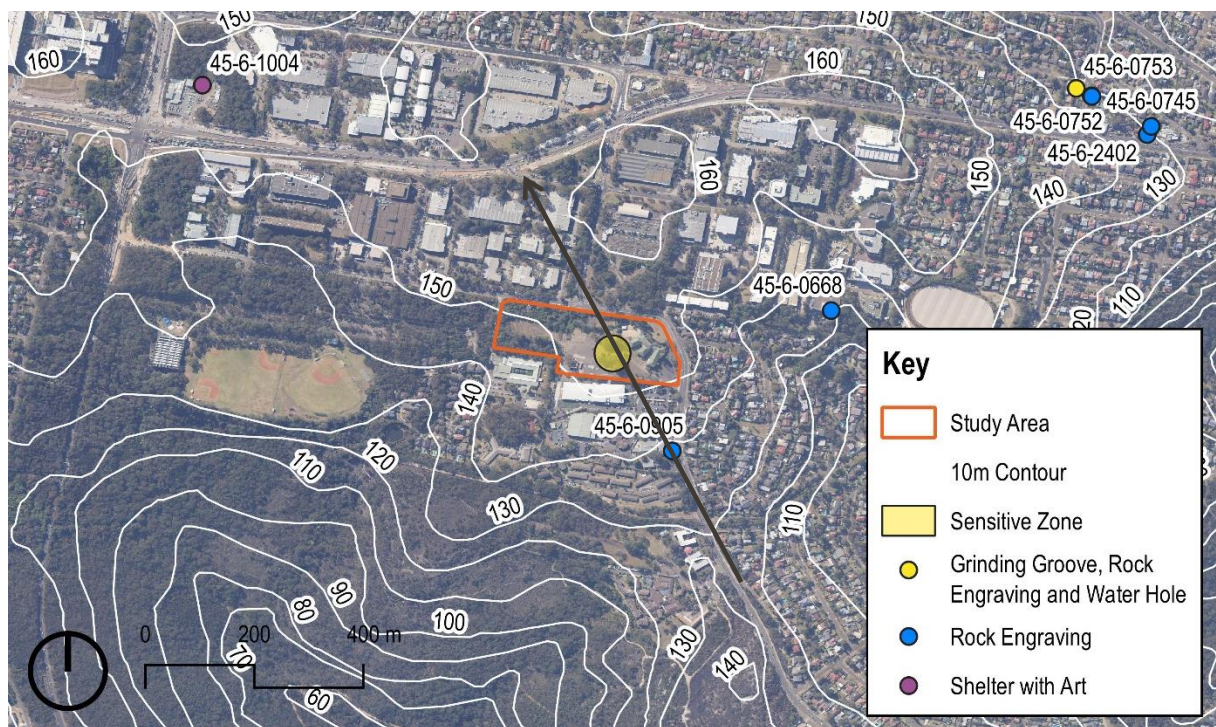


Figure 5.2 Intangible connection between the site and the wider landscape. The yellow area denotes PAD 45-6-4010. (Source: SIX Maps, 2016, with GML overlay, 2021)



Figure 5.3 First Nations graffiti on McLeod House, facing northwest. (Source: GML 2021)

5.2 Summary of First Nations Values

The site holds low social value to the local First Nations community because of its close vicinity to a traditional rock engraving and the traditional walking route on Allambie Road. Pre-1788, the site could have had a clear view of the coastline and may have been used as a view corridor. The site has no identified historical, scientific or aesthetic values.

6 Historical archaeological potential and significance

6.1 Overview

This section discusses the potential for 187 Allambie Road to contain historical archaeological resources. This assessment is based on consideration of the current site conditions and the examination of available historical records. These records relate to the development and occupation of the site, including evidence of demolition and construction activities that may have disturbed the integrity of historical archaeological remains.

The term 'archaeological potential' is defined as the likelihood that a site may contain physical evidence related to an earlier phase of occupation, activity or development. This term is differentiated from 'archaeological significance' and 'archaeological research potential', which are more subjective statements that relate to the value of the archaeological resource regarding its levels of significance.

6.2 Understanding the impact of prior works and disturbance

The analysis of past impacts through aerial photographs has identified that the site at 187 Allambie Road has been subject to historical and recent development activities. Aerial photographs taken between 1943 and 1994 provide evidence for the history of twentieth-century alterations and impacts. A 1943 aerial shows a network of tracks across the site and clay/shale quarrying in the northwest corner (Figure 5.4). By 1951 further land clearance had occurred and a second quarry had been created to the immediate south of the site (Figure 4.1). The first known structure in the site was the Spastic Centre, which began in 1953 and was completed in 1957. By 1976 the western portion of the site was stripped, cut and further developed in the central and eastern sections (Figure 4.9). Additional development occurred in the western portion by 1986 (Figure 5.5).

The site underwent land clearance and some modification with the creation of pathways and quarry areas from the 1930s. More considerable development occurred from the 1950s onward commencing with the construction of the Spastic Centre in 1953. Disturbance can include the removal of soils, vegetation clearance and cutting back of

natural topography to modify the land. Based on the known historical timeline, analysis of historical aerials and modern land use, the area has been assessed as having considerable disturbance to any potential historical remains.

6.3 Historical archaeological potential

This assessment is based on the examination of historical information and current site conditions where there is evidence of development, as noted in Section 6.2 above. The site has been assessed as unlikely to contain potential for historical archaeological remains.

6.4 Assessment of historical archaeological significance

Archaeological significance is used to determine the heritage significance of known or potential archaeological remains. In NSW, archaeological remains are managed according to their assessed levels of significance in line with *Assessing Significance for Historical Archaeological Sites and 'Relics'*, published by the NSW Heritage Branch (now Heritage NSW, Department of Premier and Cabinet) in 2009. Additional information regarding the significance of the site is outlined in Section 7 of this report.

6.5 NSW heritage criteria

The Heritage Council of NSW established seven criteria that must be considered in the assessment of heritage significance. The potential historical archaeological resource of the current site has been assessed against these criteria and the findings are presented in Table 6.1.

Table 6.1 Assessment of Potential Archaeological Remains within the Site against the NSW Heritage Criteria.

Criteria	Response
<i>(a) an item is important in the course, or pattern, of NSW's cultural or natural history (or the local area)</i>	Although the 187 Allambie Road site may contain evidence of quarry workings and vehicular tracks created to access mining lease areas, these are not considered to meet the threshold for local significance under this criterion.

Criteria	Response
<i>(b) an item has a strong or special association with the life or works of a person, or group of persons, of importance in NSW's cultural or natural history (or the local area)</i>	The 187 Allambie Road site is not considered to be significant at a local level under this criterion.
<i>(c) an item is important in demonstrating aesthetic characteristics and/or a high degree of creative or technical achievement in NSW (or the local area)</i>	Although the 187 Allambie Road site may contain evidence of quarry workings and vehicular tracks created to access mining lease areas, these are not considered to meet the threshold for local significance under this criterion.
<i>(d) an item has strong or special association with a particular community or cultural group in NSW for social, spiritual or cultural reasons (or the local area)</i>	The 187 Allambie Road site is not considered to be significant at a local level under this criterion.
<i>(e) an item has potential to yield information that will contribute to an understanding of NSW's cultural or natural history (or the local area)</i>	The 187 Allambie Road site is not considered to be significant at a local level under this criterion.
<i>(f) an item possesses uncommon, rare or endangered aspects of NSW's cultural or natural history (or the local area)</i>	The 187 Allambie Road site is not considered to be significant at a local level under this criterion.
<i>(g) an item is important in demonstrating the principal characteristics of a class of NSW's cultural or natural places or cultural or natural environments (or the local area)</i>	The 187 Allambie Road site is not considered to be significant at a local level under this criterion.

6.6 Summary of historical archaeological significance

The potential historical archaeological resource at 187 Allambie Road is not expected to meet the threshold of local significance. The study may retain disturbed evidence of 1930–1940s shale and/or clay quarry workings and vehicular tracks created to access mining lease areas. However, these features are not considered to have archaeological research value or meet the local significance threshold. None of the standing structures at the site are considered to contain accumulated underfloor occupation deposits of historical archaeological significance.

7 Built heritage

7.1 Statutory heritage listings

The site does not contain any items listed on the State Heritage Register (SHR) or within Schedule 5 of the WLEP.

Non-statutory heritage listings have also been investigated as part of this assessment. The site is not listed on the National Trust (NSW) Register, nor is it located within a National Trust Register Listed Urban Conservation Area. The site is not listed on the Australian Institute of Architects (AIA) Register of Significant Architecture in NSW.

7.2 Heritage items in the vicinity

As described in Section 2.5, there are two locally listed heritage items within the vicinity of the site. Figure 2.3 illustrates the locations of heritage items within 400m of the site. There are no items of state heritage significance within the vicinity of the item.

The nearest item listed on the SHR is the Bantry Bay Explosives Depot (SHR 0977), located approximately 2.5km southwest in Bantry Bay.

Table 7.1 LEP Heritage Items Within the Vicinity of the Site.

Item Address	Item Name	Item Number	Significance	Distance from Site
Manly Creek	Manly Dam and Surrounds	C9	Local	300m south
Ethie Road	Warringah Reservoir (WE 0131) and attached Valve House	I130	Local	400m east



Figure 7.1 LEP listed heritage items in the vicinity of the site. (Source: WLEP with GML overlay)

7.3 Built heritage significance of the site

An assessment of 187 Allambie Road has been undertaken to determine if it is likely to have some heritage significance at a local or state level.

The Heritage Council of NSW established seven criteria that must be considered in the assessment of heritage significance. The built heritage of the site has been assessed against these criteria and the findings are presented in Table 7.2.

Table 7.2 Assessment of Significance of the Built Heritage of 187 Allambie Road against the NSW Heritage Criteria.

Criteria	Response
<p><i>(a) an item is important in the course, or pattern, of NSW's cultural or natural history (or the local area)</i></p>	<p>The Country Children's Hostel at McLeod House was established by the former Spastic Centre of NSW (now Cerebral Palsy Alliance) as a hostel for country children with cerebral palsy, providing accommodation for them to access services that were not available away from the city. McLeod House was completed in 1957.</p> <p>In 2007 a severe fire gutted the Spastic Centre's administration building which was located directly to the south of McLeod House. In 2008, the Spastic Centre began raising funds to replace the building. The new building was opened in 2012 on the property adjacent to McLeod House and most of the operations for the Cerebral Palsy Alliance were moved to the new centre.</p> <p>An application to demolish McLeod House was approved in 2011, and the northernmost wing was demolished in 2016.</p> <p>Although McLeod House has some limited historical value as the Country Children's Hostel, its significance has been severely compromised by the partial demolition of the building (and approval for demolition of the remaining portion) and the subsequent irreparable deterioration of its condition.</p> <p>The site is therefore not considered to meet the threshold for listing as a heritage item under this criterion.</p>
<p><i>(b) an item has a strong or special association with the life or works of a person, or group of persons, of importance in NSW's cultural or natural history (or the local area)</i></p>	<p>The site has associations with the Spastic Centre and its co-founders Audrie and Neil McLeod, whom McLeod House is named after. These associations are intangible, however, and not embodied in the fabric of McLeod House.</p> <p>The site is therefore not considered to meet the threshold for listing as a heritage item under this criterion.</p>
<p><i>(c) an item is important in demonstrating aesthetic characteristics and/or a high degree of creative or technical achievement in NSW (or the local area)</i></p>	<p>McLeod House is a two-storey painted brick building, with a pitched roof of green concrete roof tiles. The building is of no distinctive architectural style, nor does it demonstrate a high degree of technical or creative achievement.</p> <p>Furthermore, the integrity of the building has been severely reduced through the partial demolition and subsequent irreparable deterioration of its condition.</p> <p>The site is therefore not considered to meet the threshold for listing as a heritage item under this criterion.</p>

Criteria	Response
<i>(d) an item has strong or special association with a particular community or cultural group in NSW for social, spiritual or cultural reasons (or the local area)</i>	<p>McLeod House was built by volunteer labour over three years and operated as the Country Children’s Hostel until 2007. The site therefore has some social significance to the local community, including those who may have contributed to its construction or visited the Country Children’s Hostel. The social associations have, however, been severely compromised by the partial demolition and subsequent irreparable deterioration of its condition.</p> <p>The site is therefore not considered to meet the threshold for listing as a heritage item under this criterion.</p>
<i>(e) an item has potential to yield information that will contribute to an understanding of NSW’s cultural or natural history (or the local area)</i>	<p>The site has been assessed as having little archaeological potential is not considered to meet the threshold for listing as a heritage item under this criterion.</p>
<i>(f) an item possesses uncommon, rare or endangered aspects of NSW’s cultural or natural history (or the local area)</i>	<p>The site does not contain any uncommon, rare or endangered aspects of NSW’s or the Northern Beaches’ cultural history and is therefore not considered to meet the threshold for listing as a heritage item under this criterion.</p>
<i>(g) an item is important in demonstrating the principal characteristics of a class of NSW’s cultural or natural places or cultural or natural environments (or the local area)</i>	<p>The site does not represent the principal characteristics of a class of NSW’s cultural or natural places or cultural or natural environments. It is not considered to meet the threshold for listing as a heritage item under this criterion.</p>

7.3.1 Summary of built heritage significance

A heritage assessment of 187 Allambie Road, Allambie Heights, has indicated that the site as a whole has some cultural significance for its historic, social and associative values. McLeod House has some historical, social and associate values; however, these do not meet the threshold for local listing. Given the partial demolition of McLeod House (and approval for its full demolition), and its current physical condition, it is not considered to reach the threshold for listing as an item of heritage significance under any of the standard criteria.

8 Landscape heritage

8.1 Landscape heritage significance of the site

A landscape assessment of 187 Allambie Road has been undertaken to determine if it is likely to have some heritage significance at a local or state level.

8.1.1 Summary of landscape heritage significance

A heritage assessment of 187 Allambie Road, Allambie Heights, has indicated that the site as a whole has some cultural significance for its historic, social and associative values. McLeod House has some historical, social and associate values; however, these do not meet the threshold for local listing. Given the partial demolition of McLeod House and its current physical state, it is not considered to be of heritage significance.

The designed landscape is the result of two phases of design and development on the site. The first being the laying out of the garden facing Allambie Road which was largely completed by the late 1950s and the second being the establishment of the recreation garden to the west of the building, completed during the 1960s. During the late twentieth century, various infill plantings were made in both garden precincts, whilst the overall structure of the spaces remain as was initially laid out.

The garden precincts have a historical, social and aesthetic association with the original buildings and historical workings of the site. They were clearly designed with a form and palette to enable functional access around the buildings, a degree of accessible outdoor activity for residents and visitors and, in plant selection, to generally complement and provide amenity to the site's principal buildings and gardens.

However, neither the gardens precincts nor their contributory elements and plantings sufficiently meet significance criteria to warrant their heritage listing.

Some of the larger trees on the site have amenity value and should be incorporated into the masterplan. This includes various Eucalypts in the western garden and abutting Allambie Road, some of which may be remnants or regrowth of the endemic forest. Key trees which should also be considered for incorporation in future site development include the Ficus and Schinus specimens abutting Allambie Road, the several *Pinus canariensis* specimens in the western garden and a Brushbox, also abutting Allambie Road.



Figure 8.1 Trees indicated in purple, mostly natives, are those considered to be of most general amenity value in terms of incorporation into a masterplan for the site. (Source: Eco Logical with overlay by Ari Anderson)

Based on the numbers assigned in the Eco Logical report, these are.

- 43 *Syncarpia glomulifera*
- 44 *Eucalyptus robusta*
- 45 *Eucalyptus robusta*
- 52 *Pinus canariensis*
- 56 *Pinus canariensis*
- 59 *Eucalyptus haemastoma*
- 66 *Pinus canariensis*
- 71 *Ceratopetalum apetalum*
- 72 *Lophostemon confertus*
- 75 *Eucalyptus robusta*
- 85 *Agonis flexuosa*
- 92 *Eucalyptus saligna*
- 94 *Acacia sp.*
- 95 *Tristaniopsis laurina*
- 96 *Acacia sp.*

97	<i>Tristaniopsis laurina</i>
98	<i>Agonis flexuosa</i>
99	<i>Tristaniopsis laurina</i>
100	<i>Tristaniopsis laurina</i>
126	<i>Corymbia citriodora</i>
127	<i>Eucalyptus scoparia</i>

9 Heritage significance

9.1 What is heritage significance?

Before making decisions to change a heritage item, an item within a heritage conservation area, or an item located in proximity to a heritage listed item, it is important to understand its values and the values of its context. This leads to decisions that will retain these values in the future. Statements of heritage significance summarise the heritage values of the place—why it is important and why a statutory listing was made to protect these values.

Levels of significance are determined to be of local or state significance. These are defined as follows:

- 'Local heritage significance', in relation to a place, building, work, relic, movable object or precinct, means significance to an area in relation to the historical, scientific, cultural, social, archaeological, architectural, natural or aesthetic value of the item.
- 'State heritage significance', in relation to a place, building, work, relic, movable object or precinct, means significance to the state in relation to the historical, scientific, cultural, social, archaeological, architectural, natural or aesthetic value of the item.

This section sets out an assessment of the heritage significance of 187 Allambie Road, including its First Nations cultural values, historical archaeology and built heritage, in accordance with the standard criteria identified in the NSW Heritage Office guidelines. The evaluation includes consideration of the original and subsequent layering of fabric, uses, associations and meanings of the place, as well as its relationship to both the immediate and wider setting.

The *NSW Heritage Manual* guidelines, prepared by the NSW Heritage Office and Department of Urban Affairs and Planning (July 2001), provide the framework for the assessment and the statement of significance in this report. These guidelines incorporate the five types of cultural heritage values identified in the Burra Charter into a specially structured framework, which is the format required by heritage authorities in New South Wales.

Under these guidelines, items (or 'places' in Burra Charter terminology) are assessed in accordance with a specific set of criteria, as set out below. An item is significant in terms of the criterion if the kinds of attributes listed in the inclusion guidelines help to describe

it. Similarly, the item is not significant in terms of that criterion if the kinds of attributes listed in the exclusion guidelines help to describe it. The inclusion and exclusion guidelines are checklists only—they do not cancel each other out. The exclusion guidelines should not be applied in isolation from the inclusion guidelines, but should be used to help review and qualify the conclusions reached about the item’s significance.

To apply the assessment criteria, both the nature and degree of significance of the place need to be identified. This is because items vary in the extent to which they embody or reflect key values and in the relative importance of their evidence or associations.

The assessment also needs to relate the item’s values to its relevant geographical and social context, usually identified as either local or state contexts. Items may have both local and state significance for similar or different values/criteria.

9.1.1 Assessment of significance

An assessment of 187 Allambie Road, including its First Nations cultural values, historical archaeological potential, landscape heritage values and the significance of the individual buildings on the site, was previously undertaken to determine if the site is likely to have heritage significance at a local or state level. The assessment of significance against the standard criteria is summarised below.

Criterion A (historical significance)

An item is important in the course, or pattern, of NSW’s cultural or natural history (or the cultural or natural history of the local area)

- The Country Children’s Hostel at McLeod House was built by the former Spastic Centre NSW (now Cerebral Palsy Alliance) as a hostel for country children with cerebral palsy, providing accommodation for them to access services that were not available away from the city. McLeod House was completed in 1957.
- In 2007 a severe fire gutted the Spastic Centre’s administration building, which was located directly to the south of McLeod House. In 2008, the Spastic Centre began raising funds to replace the building.
- The new building was opened in 2012 on the adjacent property, and most of the operations at McLeod House were moved to the new centre.
- An application to demolish McLeod House was also approved in 2011, and the northernmost wing demolished in 2016.

- Although McLeod House has some historical value as the Country Children’s Hostel, its significance has been severely compromised by the partial demolition and vandalism.

The site is not considered to meet the threshold for listing as a heritage item under this criterion.

Criterion B (historical association)

An item has strong or special association with the life or works of a person, or group of persons, of importance in the cultural or natural history of NSW (or the cultural or natural history of the local area)

- The site has associations with the Spastic Centre and its co-founders Audrie and Neil McLeod, whom McLeod House is named after.
- These associations are, however, intangible and not embodied in the fabric of McLeod House.

The site is not considered to meet the threshold for listing as a heritage item under this criterion.

Criterion C (aesthetic significance)

An item is important in demonstrating aesthetic characteristics and/or a high degree of creative or technical achievement in NSW (or the local area)

- McLeod House is a two-storey painted brick building, with a pitched roof of green roof tiles. The building is of no distinctive architectural style, nor does it demonstrate a high degree of technical or creative achievement.
- The integrity of the building has been severely reduced through partial demolition and irreparable damage.

The site is not considered to meet the threshold for listing as a heritage item under this criterion.

Criterion D (social significance)

An item has strong or special association with a particular community or cultural group in NSW (or the local area) for social, cultural or spiritual reasons

- McLeod House was built by volunteer labour over three years and operated as the Country Children’s Hostel until 2007.
- The site likely has some social significance to the local community, including those who may have contributed to its construction or visited the Country Children’s Hostel.

- The social associations have, however, been severely compromised by the partial demolition and irreparable damage to McLeod House.

The site is not considered to meet the threshold for listing as a heritage item under this criterion.

Criterion E (research potential)

An item has potential to yield information that will contribute to an understanding of NSW's cultural or natural history (or the cultural or natural history of the local area)

- The study area has the potential to yield First Nations archaeological deposits within the sensitive zone. However, Aboriginal objects are not included under the definition of relics under the Heritage Act.
- The site has been assessed as having little historical archaeological potential, and is not considered to meet the threshold for listing as a heritage item under this criterion.

The site is not considered to meet the threshold for listing as a heritage item under this criterion.

Criterion F (rarity)

An item possesses uncommon, rare or endangered aspects of NSW's cultural or natural history (or the cultural or natural history of the local area)

The site does not contain any uncommon, rare or endangered aspects of NSW's or the Northern Beaches' cultural history.

The site is therefore not considered to meet the threshold for listing as a heritage item under this criterion.

Criterion G (representativeness)

An item is important in demonstrating the principal characteristics of a class of NSW's (or a class of the local area's):

1. cultural or natural places; or
2. cultural or natural environments

The site does not represent the principal characteristics of a class of NSW's cultural or natural places or cultural or natural environments.

The site is therefore not considered to meet the threshold for listing as a heritage item under this criterion.

9.1.2 Summary statement of significance

The Country Children’s Hostel at McLeod House was established by the former Spastic Centre of NSW (now Cerebral Palsy Alliance) as a hostel for country children with cerebral palsy, providing accommodation to access services that were not available away from the city. McLeod House was completed in 1957. McLeod House was built by volunteer labour over three years and operated as the Country Children’s Hostel until 2007. The site has associations with the Spastic Centre and its co-founders Audrie and Neil McLeod, whom McLeod House is named after

McLeod House is a two-storey painted brick building, with a pitched roof of green concrete roof tiles. The building is of no distinctive architectural style, nor does it demonstrate a high degree of technical or creative achievement.

McLeod House has some historical, social and associative values; however, these do not meet the threshold for listing as a heritage item under any of the standard criteria. Given its partial demolition (and approval for full demolition) and its current irreparably damaged physical condition, it is not considered to be of heritage significance.

The ACHAR written for this project has assessed that the site has limited potential for First Nations cultural heritage.

10 Heritage impact assessment

10.1 Introduction

This section addresses the impacts of the proposal on the heritage values of the site and the heritage items in the vicinity of the site, as required by the SEARS. The works will be assessed against Clause 5.10 of the WLEP 2011, the WDCP 2011 and the Heritage Division Guidelines for ‘Statement of Heritage Impact’.

10.2 Assessment against the SEARS

Table 10.1 SEARS assessment table.

SEARS Requirements—Heritage Conservation	Analysis
<p>18. Aboriginal Cultural Heritage</p> <p>Provide an Aboriginal Cultural Heritage Assessment Report prepared in accordance with relevant guidelines, identifying, describing and assessing any impacts for any Aboriginal cultural heritage values on the site. (ACHAR)</p>	<p>An ACHAR was prepared in January 2022. The assessment confirmed that while the soils were intact, no artefacts were found within the previously identified sensitive zone, located at the centre of the site. The ACHAR fulfills Assessment Requirement 18 of the SEARS.</p>
<p>19. Environmental Heritage</p> <p>Where there is potential for direct or indirect impacts on the heritage significance of items of environmental heritage, provide a Statement of Heritage Impact and Archaeological Assessment (if potential impacts to archaeological resources are identified), prepared in accordance with the relevant guidelines, which assesses any impacts and outlines measures to ensure they are minimised and mitigated. (Statement of Heritage Impact, Archaeological Assessment).</p>	<p>An assessment of the potential impacts to the subject site and nearby heritage items, and an archaeological assessment have been provided in this SoHI. This SoHI fulfils Assessment Requirement 19 of the SEARS.</p>

10.3 Warringah Local Environmental Plan 2011

The proposed works are addressed in Table 8.2 below in relation to the relevant clauses in the WLEP 2011.

Table 10.2 WLEP 2011 Clause 5.10 compliance table.

Part 5 Clause 10—Heritage Conservation	Analysis
<p>Clause 5.10 (1) Objectives</p> <ul style="list-style-type: none"> To conserve the environmental heritage of Warringah, To conserve the heritage significance of heritage items and conservations areas, including associated fabric, settings, and views, To conserve archaeological sites, To conserve Aboriginal objects and Aboriginal places of heritage significance. 	<p>The site is not listed as a heritage item in any instrument or located within a heritage conservation area. The site has been the subject of a detailed heritage assessment which concluded that it does not meet the threshold for listing.</p> <p>There are no Aboriginal objects or Aboriginal Places located within the site. Test excavations of the sensitive zone, within the site, were completed but no objects were found. However, there are AHIMS sites located near the site which form a connection to the sensitive zone.</p> <p>There are two local heritage items of within 400m of the site, being Manly Dam and Warringah Reservoir.</p> <p>The proposed development will not impact the heritage items, the settings or the views to or from these items. These heritage items are not located on the same roadway as the site and the distance between the site and the items is too great for the proposed works to create impacts. There are no public domain views to or from these items that will be obscured in the proposal.</p>
<p>Clause 5.10 (2) Requirements for Consent</p> <p>Development consent is required for any of the following:</p> <p>(a) demolishing or moving any of the following or altering the exterior of any of the following (including, in the case of a building, making changes to its detail, fabric, finish or appearance):</p>	<p>The site is not listed as a heritage item in any instrument or located within a heritage conservation area. The site and its structures has been the subject of a detailed heritage assessment which concluded that it</p>

Part 5 Clause 10—Heritage Conservation	Analysis
<ul style="list-style-type: none"> (i) a heritage item, (ii) an Aboriginal object, (iii) a building, work, relic or tree within a heritage conservation area, <p>(b) altering a heritage item that is a building by making structural changes to its interior or by making changes to anything inside the item that is specified in Schedule 5 in relation to the item,</p> <p>(c) disturbing or excavating an archaeological site while knowing, or having reasonable cause to suspect, that the disturbance or excavation will or is likely to result in a relic being discovered, exposed, moved, damaged or destroyed,</p> <p>(d) disturbing or excavating an Aboriginal place of heritage significance,</p> <p>(e) erecting a building on land:</p> <ul style="list-style-type: none"> (i) on which a heritage item is located or that is within a heritage conservation area, or (ii) on which an Aboriginal object is located or that is within an Aboriginal place of heritage significance, <p>(f) subdividing land:</p> <ul style="list-style-type: none"> (i) on which a heritage item is located or that is within a heritage conservation area, or (ii) on which an Aboriginal object is located or that is within an Aboriginal place of heritage significance. 	<p>does not meet the threshold for listing.</p> <p>Approval was granted for the demolition of McLeod House in 2012 (DA2011/1633) and the demolition works have commenced. The remaining parts of the buildings on the site are in poor condition. The proposed demolition of the buildings and structures will have a neutral impact on the site.</p> <p>The original gardens have deteriorated and hold little significance. The removal of trees and landscaping will have a neutral impact on the significance of the site.</p> <p>No First Nations artefacts were found in the test excavations; however, care should be taken during demolition or excavating. The development project may proceed subject to caution and a stop work provision for unexpected finds. An Aboriginal Heritage Impact Permit (AHIP) is not required.</p> <p>Should Aboriginal objects be identified during demolition or excavation works, an AHIP will be required before any action which involves harm can occur.</p> <p>Subdivision is not proposed.</p>
<p>Clause 5.10 (4) Effect of Proposed Development on Heritage Significance</p> <p>The consent authority must, before granting consent under this clause in respect of a heritage item or heritage conservation area, consider the effect of the proposed development on the heritage significance of the item or area concerned. This subclause applies regardless of whether a heritage management document is prepared under subclause (5) or a heritage conservation management plan is submitted under subclause (6).</p>	<p>The site is not a heritage item or located within a heritage conservation area. However, there are two heritage items located within 400m of the site, being Manly Dam and Warringah Reservoir.</p> <p>The proposed development will not impact the heritage items, their setting or the views to or from these items.</p>
<p>Clause 5.10 (5) Heritage Assessment</p>	<p>The site is not a heritage item or located within a heritage</p>

Part 5 Clause 10—Heritage Conservation	Analysis
<p>The consent authority may, before granting consent to any development:</p> <ul style="list-style-type: none"> (a) on land on which a heritage item is located, or (b) on land that is within a heritage conservation area, or (c) on land that is within the vicinity of land referred to in paragraph (a) or (b), (d) require a heritage management document to be prepared that assesses the extent to which the carrying out of the proposed development would affect the heritage significance of the heritage item or heritage conservation area concerned. 	<p>conservation area. However, the site is near two heritage items. These items are located within 400m of the site.</p> <p>A HIS (this report) has been prepared to assess the impact of the new development.</p> <p>The construction of The Forest High School will not impact nearby heritage items.</p>

10.4 Warringah Development Control Plan 2011

The heritage controls in the WDCP 2011 are not relevant to the proposed development.

10.5 Heritage Division guidelines

The proposed works are addressed in relation to relevant questions taken from the Heritage Division guidelines for 'Statement of Heritage Impact'.

Table 10.3 Discussion of heritage impacts according to Heritage Division guidelines.

Heritage Division Guidelines	
Question	Discussion
<p>The following aspects of the proposal respect or enhance the heritage significance of the item or conservation area for the following reasons:</p>	<p>The site is not a heritage item or located within a heritage conservation area. There are two heritage items within 400m of the site. The proposed development will not impact these heritage items, their settings or views due to the location of these items and their distance from the site.</p> <p>The proposed development could enhance the historical, social and associative values of McLeod House and the sensitive archaeological zone through the implementing a detailed and appropriate interpretation plan. Interpretation could include a low impact walking path through the sensitive zone, to reflect the connection between the subject site, the nearby AHIMS site and the landscape to the north. The proposed design has conserved the sensitive zone by</p>

Heritage Division Guidelines

	<p>proposing an open space area with paths, to avoid excavation.</p> <p>The design and implementation of a detailed interpretation plan, undertaken by a suitably qualified interpretation specialist, should be included as a condition of any consent for the development.</p>
<p>The following aspects of the proposal could detrimentally impact on heritage significance. The reasons are explained as well as the measures to be taken to minimise impacts:</p>	<p>The site is not listed as a heritage item, or located within a heritage conservation area. The site does not meet the threshold for listing and is not of heritage significance, apart from some historical, social and associative values connected to McLeod House.</p> <p>The design of the proposed development for The Forest High School does not detrimentally impact the heritage significance of the nearby sites, their setting or the views to or from these items, due to their geographical and visual separation.</p>
<p>The following sympathetic solutions have been considered and discounted for the following reasons:</p>	<p>The buildings were considered for retention and adaptive re-use; however, this is not possible due to the presence of asbestos materials, and the poor condition of the buildings. Many of the buildings have been partially demolished. Also, the most noteworthy building, McLeod House, has been approved for full demolition.</p>
<p>Demolition of a building or structure</p> <p>Have all options for retention and adaptive re-use been explored?</p> <p>Can all of the significant elements of the heritage item be kept and any new development be located elsewhere on the site?</p> <p>Is demolition essential at this time or can it be postponed in case future circumstances make its retention and conservation more feasible?</p> <p>Has the advice of a heritage consultant been sought? Have the consultant's recommendations been implemented? If not, why not?</p>	<p>The demolition of McLeod House has been approved and partially implemented.</p> <p>Detailed heritage advice has been sought as to the significance, and heritage opportunities and constraints of the site. The assessment determined that the structures on the site do not have heritage significance. This analysis has informed the development of the schematic proposal.</p> <p>The proposed demolition of existing buildings and structures on site will have no impact on the significance of the subject site or the other heritage items in the vicinity.</p>
<p>Tree removal or replacement</p> <p>Does the tree contribute to the heritage significance of the item or landscape?</p>	<p>In terms of layout and land use of the site, the cultural plantings and landscape have generally remained uniform since the property's inception. However, many of the original trees have</p>

Heritage Division Guidelines

<p>Why is the tree being removed?</p> <p>Has the advice of a tree surgeon or horticultural specialist been obtained?</p> <p>Is the tree being replaced? Why? With the same or a different species?</p>	<p>deteriorated and the existing landscaping and trees do not contribute to the heritage significance of the site.</p> <p>The proposed development will involve the removal of trees and landscaping to accommodate the new school buildings and associated structures. The removal of these elements will have a neutral impact.</p> <p>To enhance the historical, social and associative values of the site, cultural plantings should be retained where possible. New plantings could include native species or Hills Figs, Ficus and Schinus specimens similar to those found at the entrance to the site.</p>
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11 Conclusions and recommendations

11.1 Conclusion

This report fulfills requirements 18 and 19 of the Planning Secretary's Environmental Assessment Requirements (SEARs) for SSD-2687680, issued 22 September 2021, for the proposed New Forest High School development, by providing a heritage assessment of the impact of the schematic design (prepared by Architectus, dated 22 July 2022), on the heritage values of the site and heritage items in its vicinity. An ACHAR for the site was prepared in January 2022, fulfilling the requirement 18 of the SEARs, and is included in this report at Appendix A.

The SEARs included the following requirements in relation to heritage:

18. Aboriginal Cultural Heritage

Provide an Aboriginal Cultural Heritage Assessment Report prepared in accordance with relevant guidelines, identifying, describing and assessing any impacts for any Aboriginal cultural heritage values on the site. (ACHAR)

19. Environmental Heritage

Where there is potential for direct or indirect impacts on the heritage significance of items of environmental heritage, provide a Statement of Heritage Impact and Archaeological Assessment (if potential impacts to archaeological resources are identified), prepared in accordance with the relevant guidelines, which assesses any impacts and outlines measures to ensure they are minimised and mitigated. (Statement of Heritage Impact, Archaeological Assessment).

GML has previously prepared an Opportunities and Constraints Report (containing an Aboriginal Due Diligence Assessment), Aboriginal Cultural Heritage Assessment Report (ACHAR) and Archaeological Technical Report for the site. The assessment of the site, including its Aboriginal cultural values, historical archaeological potential, and the significance of the individual buildings on the site, determined that the site contains some cultural significance for its social and representative values, and the potential for Aboriginal archaeological objects and sites. However, it concluded that the built and landscape elements on the site do not meet the threshold for heritage listing, and the site is unlikely to contain potential for historical archaeological remains or 'relics', as defined by the *Heritage Act 1977* (NSW) (Heritage Act).

The Due Diligence Report identified a sensitive zone within the site that required further Aboriginal cultural heritage assessment. The report recommended that the wider Aboriginal cultural landscape be included in the master planning process for the new

school, and that test excavation be undertaken. It also provided guidelines for community consultation and further works. The ACHAR, prepared in January 2022, later confirmed that while the soils were intact, no artefacts were found within the previously identified sensitive zone. Following the test excavations, it was identified that the subject site does not contain archaeological artefacts, Aboriginal objects or Aboriginal Places. The site does form a connection to the AHIMS site nearby and to the hills to the north of the site.

11.2 Statement of Heritage Impact

The assessment of the proposed development has determined that it will have a neutral impact on the significance of the site. While the site has some historic, social and associative value, the site does not meet the threshold for listing and is not of heritage significance.

As such, no objections are raised to the proposed development on heritage grounds, subject to detailed recommendations.

The proposed development will also have no impact on the heritage items in its vicinity. The distance from the heritage items prevents any direct impacts from occurring and views to and from the items will not be obstructed by the proposed development.

The assessment and recommendations contained in this SoHI have been based on the architectural plans, prepared by Architectus and dated 22 July 2022.

11.3 Recommendations

The following recommendations should be considered in the granting of any consent for the new Forest High School.

1. As a condition of any consent, an interpretation plan should be prepared and implemented. The interpretation plan should be prepared by suitably qualified interpretation specialist, and should promote and celebrate the First Nations cultural heritage and history and significance of the former Country Children's Hostel that occupied the site, in accessible locations throughout the sites. Interpretative materials should be included in the design of the school to enhance the historical, social and associative values of the site.
2. The final architectural design should retain the open space area, or courtyard, at the archaeologically sensitive zone. This will avoid major excavation and disturbance of the area. A low impact walking path through the sensitive zone should be included to reflect the connection between the subject site and the

nearby AHIMS site and the landscape to the north. The schematic design is consistent with this recommendation.

3. The proposal should retain the cultural plantings where possible and incorporate them into the design of the school. New plantings could include native species or Hills Figs, Ficus and Schinus specimens similar to those at the entrance to the site.
4. If First Nations objects are identified during demolition or excavation works, an AHIP will be required before any action which involves harm can occur.
5. In the event that future demolition and/or construction works uncover or disturb any unexpected historical archaeological features or deposits at 187 Allambie Road, Allambie Heights, all works in this area should cease and Heritage NSW must be notified immediately, in accordance with Section 146 of the Heritage Act.
6. An unexpected find procedure should be developed and implemented prior to the commencement of on-site work to explain the process of stop-work provisions should these be required.

12 Appendices

Appendix A

Aboriginal Cultural Heritage Assessment Report



**Aboriginal Cultural Heritage Assessment and Archaeological
Technical Report**

Report prepared for School Infrastructure NSW

January 2022

The Forest High School Relocation Project

Acknowledgement of Country

At GML we acknowledge that we work and live on the land of the First Australians. We know that this land was never ceded, and we respect the rights and interests of Australia's first people in land, culture, and heritage. We acknowledge their Elders past and present and support the concepts of voice, treaty, and truth in the Uluru Statement from the Heart.

Report Register

The following report register documents the development and issue of the report entitled Forest High School Relocation—ACHAR, undertaken by GML Heritage Pty Ltd in accordance with its quality management system.

Job Number	Issue Number	Notes/Description	Issue Date
20-0444A	1	Draft Report	12 January 2022
20-0444A	2	Draft Report—for RAP Review	19 January 2022

Quality Assurance

GML Heritage Pty Ltd operates under a quality management system which has been certified as complying with the Australian/New Zealand Standard for quality management systems AS/NZS ISO 9001:2016.

The report has been reviewed and approved for issue in accordance with the GML quality assurance policy and procedures.

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Contents

1	Introduction to the Project	2
1.1	The Study Area and Proposed Project	2
1.2	Objectives of this First Nations Cultural Heritage Assessment	2
1.3	Statutory Context	3
1.3.1	<i>National Parks and Wildlife Act 1974</i>	3
1.3.2	<i>Environmental Planning and Assessment Act 1979</i>	3
1.3.3	<i>Approach to First Nations Heritage Management</i>	4
1.3.4	<i>The Burra Charter Process</i>	4
1.4	This ACHAR	6
1.5	Who Undertook the Project	6
1.6	Endnotes	8
2	Understanding The Project Area	11
2.1	The Garigal People	11
2.2	Environmental Setting of the Study Area	11
2.2.1	<i>Geology and Soil Landscapes</i>	11
2.2.2	<i>Landforms</i>	12
2.2.3	<i>Water Resources</i>	13
2.2.4	<i>The Climate</i>	13
2.2.5	<i>Ecology</i>	14
2.2.6	<i>Summary of the Local Environment</i>	16
2.3	Previously Identified First Nations Heritage	16
2.3.1	<i>Aboriginal Heritage Information Management System Register</i>	16
2.3.2	<i>Previous Heritage Investigations</i>	18
2.4	Recent History of Land Use	19
2.5	Archaeological Predictive Models	24
2.6	Endnotes	27
3	Archaeological Field Methods	29
3.1	Archaeological Survey	29
3.1.1	<i>Survey Sampling Strategy</i>	29
3.1.2	<i>Field Methods</i>	30
3.1.3	<i>Archaeological Potential</i>	31
3.2	Survey Results—Survey Units and Landforms	31
3.2.1	<i>Survey Results—First Nations Sites/Places and Landscapes</i>	31
3.3	Archaeological Zoning Plan	33
3.4	Archaeological Test Excavation	34
3.4.1	<i>Mechanism for Archaeological Test Excavation</i>	34
3.5	Test Excavation Results	35
3.5.1	<i>Organisation</i>	35
3.5.2	<i>Synopsis of Excavation Results</i>	37
3.5.3	<i>Soil Type, Integrity and Condition</i>	37
3.5.4	<i>Observed Landform and Aspect</i>	43

3.6	Interpretation, Analysis and Discussion	44
3.6.1	<i>Addressing the Research Questions</i>	44
3.7	Endnotes	45
4	Consultation with the Local First Nations Community	47
4.1	Introduction.....	47
4.2	The Process of Consultation	47
4.2.1	<i>Stage 1: Notification of Project</i>	48
4.2.2	<i>Stage 2: Presentation of Information</i>	49
4.2.3	<i>Stage 3: Gathering Information</i>	50
4.2.4	<i>Stage 4: Review of Draft Report</i>	51
4.3	Summary of First Nations Cultural Values Identified	51
4.4	Requirements for Future First Nations Consultation.....	51
4.5	Endnotes	53
5	Investigations into First Nations Heritage	55
5.1	Ethnographic Survey.....	55
5.2	Aesthetic Aspects.....	55
5.3	Contemporary Archaeology	56
5.4	Traditional Connections	56
5.5	Endnotes	57
6	First Nations Heritage Significance Assessment	59
6.1	Significance Assessment	60
6.1.1	<i>Social Value</i>	60
6.1.2	<i>Historical Value</i>	60
6.1.3	<i>Scientific Value</i>	60
6.1.4	<i>Aesthetic Value</i>	60
6.2	Statement of Significance	60
6.3	Endnotes	61
7	The Proposed Project Activity	63
7.1	The Proposed Project Activity.....	63
7.2	Harm to First Nations Objects and Values.....	63
7.2.1	<i>Unexpected Find Procedure</i>	64
7.3	First Nations Heritage—Recommendations and Conclusions.....	64
	Appendices.....	66
	Appendix A	
	<i>AHIMS Search Results</i>	
	Appendix B	
	<i>Test Excavation Records</i>	
	Appendix C	
	<i>First Nations Community Consultation Logs</i>	
	Appendix D	
	<i>Archaeological Research Design</i>	

Executive Summary

School Infrastructure NSW engaged GML Heritage Pty Ltd (GML) to prepare an Aboriginal Cultural Heritage Assessment Report (ACHAR) for the Forest High School Relocation Project. This report forms part of the environmental assessment for the study area prepared under Part 5 of the NSW *Environmental Planning and Assessment Act 1979*.

The ACHAR aims to:

- identify, assess and report on First Nations heritage values within the study area;
- involve the First Nations community in decisions with respect to its heritage;
- determine how the Forest High School Relocation project may harm any identified values; and
- establish the mechanism for conservation and mitigation of harm to these values.

It also includes the results of the archaeological survey and testing program. A separate First Nations Archaeological Technical Report (ATR) has not been produced.

The cultural heritage assessment has determined that there are no tangible First Nations values directly associated with the study area. The outcome of the archaeological testing programs is that there are no Aboriginal objects located within the study area.

Works can commence within the study area, subject to caution, once an unexpected finds procedure has been implemented.

Section 1

Introduction

1 Introduction to the Project

School Infrastructure NSW (SI NSW) engaged GML Heritage Pty Ltd (GML) to prepare an Aboriginal Cultural Heritage Assessment Report (ACHAR) which assesses the Forest High School for potential First Nations sites, places, landscapes and/or other values. The assessment has been undertaken as part of the Forest High School Relocation Project. An impact assessment and management recommendations are provided to assist School Infrastructure NSW (SI NSW) with their future responsibilities to manage First Nations cultural heritage within the study area.

1.1 The Study Area and Proposed Project

The study area is located at 187 Allambie Road, Allambie Heights. The proposed scope of works includes development of the new Forest High School to accommodate 1500 students and installation of a synthetic grass sports field.

The study area is located in the Northern Beaches local government area (LGA) and covers the following lots/DP:

- Lot 12, DP1112906;
- Lot 13, DP1112906; and
- Part Lot 11, DP1194177.

The study area includes the building formerly known as the 'Spastic Centre' [sic], which will be referred to as The Centre in this report.

1.2 Objectives of this First Nations Cultural Heritage Assessment

Our objectives for the assessment were to:

- identify and consult with local First Nations community members who can speak for Country;
- understand and record First Nations heritage places and values, and determine whether these are part of a larger First Nations cultural landscape and/or First Nations traditions;
- involve the local First Nations community in the cultural heritage values assessment process and determine best-practice options for the future management of the identified First Nations cultural heritage;
- determine how the proposed project may impact the identified First Nations cultural heritage values, minimising any impacts through sensible and pragmatic site and land management; and
- provide clear recommendations for the conservation of First Nations heritage values and relevant impact mitigation strategies that benefit both First Nations cultural heritage and the proponent.

1.3 Statutory Context

In NSW, First Nations heritage is principally protected under two Acts:

- the *National Parks and Wildlife Act 1974* (NSW) (NPW Act); and
- the EPA Act.

1.3.1 National Parks and Wildlife Act 1974

The NPW Act provides statutory protection for all ‘Aboriginal objects’ (material evidence of the Indigenous occupation of NSW) under Section 90. ‘Aboriginal Places’ (areas of cultural significance to the First Nations community) are protected under Section 84. First Nations objects and places are afforded automatic statutory protection in NSW, meaning it is an offence (without the Minister’s consent) to harm an Aboriginal object or declared Aboriginal Place.

The NPW Act defines an Aboriginal object as:

... any deposit, object or material evidence (not being a handicraft made for sale) relating to the Aboriginal habitation of the area that comprises New South Wales, being habitation before or concurrent with (or both) the occupation of that area by persons of non-Aboriginal extraction, and includes Aboriginal remains.

The protection provided to First Nations objects and places applies irrespective of the level of their significance or issues of land tenure. Sites of traditional significance that do not necessarily contain material remains may be gazetted as Aboriginal Places and thereby be protected under the NPW Act. However, areas are only gazetted if the Minister is satisfied that sufficient evidence exists to demonstrate that the location was and/or is of special significance to First Nations culture.

A strict liability offence applies for harm to or desecration of an Aboriginal object or declared Aboriginal place.¹ The definition of ‘harm’ includes destroying, defacing, damaging or moving an Aboriginal object or declared Aboriginal place. The strict liability offence of harming Aboriginal objects has a number of defences. The two defences relevant to the proposed development are the statutory defence of due diligence through complying with an adopted industry code or compliance with the conditions of a AHIP.

The potential for First Nations objects, sites, places and/or values within the study area, and for the proposed development to impact such items, has been assessed and the results presented in this report.

1.3.2 Environmental Planning and Assessment Act 1979

The EPA Act provides a statutory framework for the determination of development proposals. It provides for the identification, protection and management of heritage items through inclusion in schedules to planning instruments such as Local Environmental Plans (LEPs) or Regional Environmental Plans (REPs). Heritage items in planning instruments are usually historical sites but can include First Nations objects and places. The EPA Act requires that appropriate measures be taken for the management of the potential archaeological resource by means consistent with practices and standards adopted in meeting the requirements of the NPW Act.

1.3.3 Approach to First Nations Heritage Management

In NSW, First Nations heritage assessment and management is underpinned by several guidelines and policies. Our approach is based on the following guidelines:

- Guide to Determining and Issuing Aboriginal Heritage Impact Permits (2009).²
- Operational Policy: Protecting Aboriginal Cultural Heritage (2009).³
- Aboriginal cultural heritage consultation requirements for proponents (2010).⁴
- Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW (2010) (the Due Diligence Code).⁵
- Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales (2010) (the Code of Practice).⁶
- Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW (2011).⁷
- the Australia ICOMOS Burra Charter (2013) (the Burra Charter).⁸

1.3.4 The Burra Charter Process

The Australian ICOMOS Burra Charter, 2013 (Burra Charter) outlines a three-stage process for the assessment and management of heritage in Article 6:

- 1—develop an understanding of heritage significance;
- 2—develop policy that is appropriate to the significance; and
- 3—undertake management in accordance with the policy.

The Burra Charter’s explanations for heritage provide the basis for definitions used in this report. The Burra Charter’s Indigenous Practice Note provides further guidance for application of the Burra Charter to First Nations heritage. We have used the following definitions:

Article 1.1—Place

Place means a geographically defined area. It may include elements, objects, spaces and views. Place may have tangible and intangible dimensions.⁹

*‘Place’ includes locations that embody spiritual value (such as Dreaming places, sacred landscapes, and stone arrangements), social and historical value (such as massacre sites), as well as scientific value (such as archaeological sites). In fact, one place may be all of these things or may embody all of these values at the same time.*¹⁰

Article 1.2—Cultural Significance

*Cultural significance means aesthetic, historic, scientific, social or spiritual value for past, present or future generations. Cultural significance is embodied in the place itself, its fabric, setting, use, associations, meanings, records, related places and related objects. Places may have a range of values for different individuals or groups.*¹¹

Article 1.10—Use

*Use means the functions of a place, including the activities and traditional and customary practices that may occur at the place or are dependent on the place.*¹²

Article 1.11—Compatible Use

Compatible use means a use which respects the cultural significance of a place. Such a use involves no, or minimal, impact on cultural significance.

Article 8—Setting

*Conservation requires the retention of an appropriate setting. This includes retention of the visual and sensory setting, as well as the retention of spiritual and other cultural relationships that contribute to the cultural significance of the place.*¹³

Places of significance to Indigenous people require a holistic approach to ‘setting’. ‘Setting’ may encompass the broadest of experiential factors including a sense of ‘intrusion’ occasioned when people of the ‘wrong’ gender, age or level of initiation trespass on defined areas, as well as auditory and visual intrusion.

*For some Indigenous peoples, nature and culture are indivisible. The social significance and spiritual significance of a place for Indigenous people may be wholly or partly dependent on the natural environment that the place forms a part of, including aspects such as biodiversity, and totemic and resource species.*¹⁴

Application to the Current Assessment

To implement the Burra Charter process, we have undertaken the following steps:

Step 1—Understand the Place

This involved investigation into the environment, archaeology, history and background heritage literature. Field survey was undertaken in collaboration with the First Nations community. The outcome of the Step 1 investigations was the development of archaeological and landscape maps and plans that show the known sites, places and values potentially connected to the study area. The approach followed the notion that the study area could be part of a First Nations cultural landscape, and the study area represents a small zone within this landscape. The initial assessment was prepared as part of a due diligence report, which triggered the need for further assessment.

Step 2—Assess Cultural Significance

A preliminary indication of cultural significance considered aesthetic, historical, scientific and social aspects as may be connected with the study area. This preliminary assessment of value should be used for future assessments, noting both that ‘cultural significance may change’¹⁵ and ‘tangible heritage should not be emphasised at the expense of intangible heritage’.¹⁶ This has been achieved through archaeological test excavation, and formal Aboriginal community consultation.

Step 3—Identify Factors and Issues

The results from steps 1 and 2 were used to identify key future management factors and/or issues. The issues and factors define future needs, opportunities and constraints connected with compatible use.

Step 4—Develop Policy

The outcome from Step 3 was applied to develop management policy in consultation with the First Nations community and in accordance with relevant NSW statutory processes.

1.4 This ACHAR

This ACHAR contains the following sections:

- Section 2—Understanding the Project Area
- Section 3—Archaeological Field Methods
- Section 4—Consultation with the Local First Nations Community
- Section 5—Investigation into First Nations Heritage
- Section 6—First Nations Heritage Significance
- Section 7—The Proposed Project Activity
- Appendix A—AHIMS Search Results
- Appendix B—Test Excavation
- Appendix C—First Nations Community Consultation Logs
- Appendix D—Archaeological Research Design

1.5 Who Undertook the Project

This project has been undertaken by the following people (Figure 1.3). Each person's role and affiliations are detailed.

Table 1.1 Investigators and Contributors.

Person	Affiliation	Role
Dr Tim Owen	GML	Project Director
Talei Holm	GML	Project Manager, Excavation Director, and author
Jodi Cameron	GML	Field Archaeologist
Drew Kennedy	GML	Field Archaeologist and author
Andie Coulson	GML	Author
John Phillips	Tocomwal	Archaeological Assistant and Registered Aboriginal Party (RAP)
Jamie Currell	Kamilaroi Yankuntjatjara Working Group (KYWG)	Archaeological Assistant and RAP
Korri Currell	KYWG	Archaeological Assistant and RAP
Adam Gunther	KYWG	Archaeological Assistant and RAP
Kevin Telford	Metropolitan Local Aboriginal Land Council (MLALC)	Archaeological Assistant and RAP

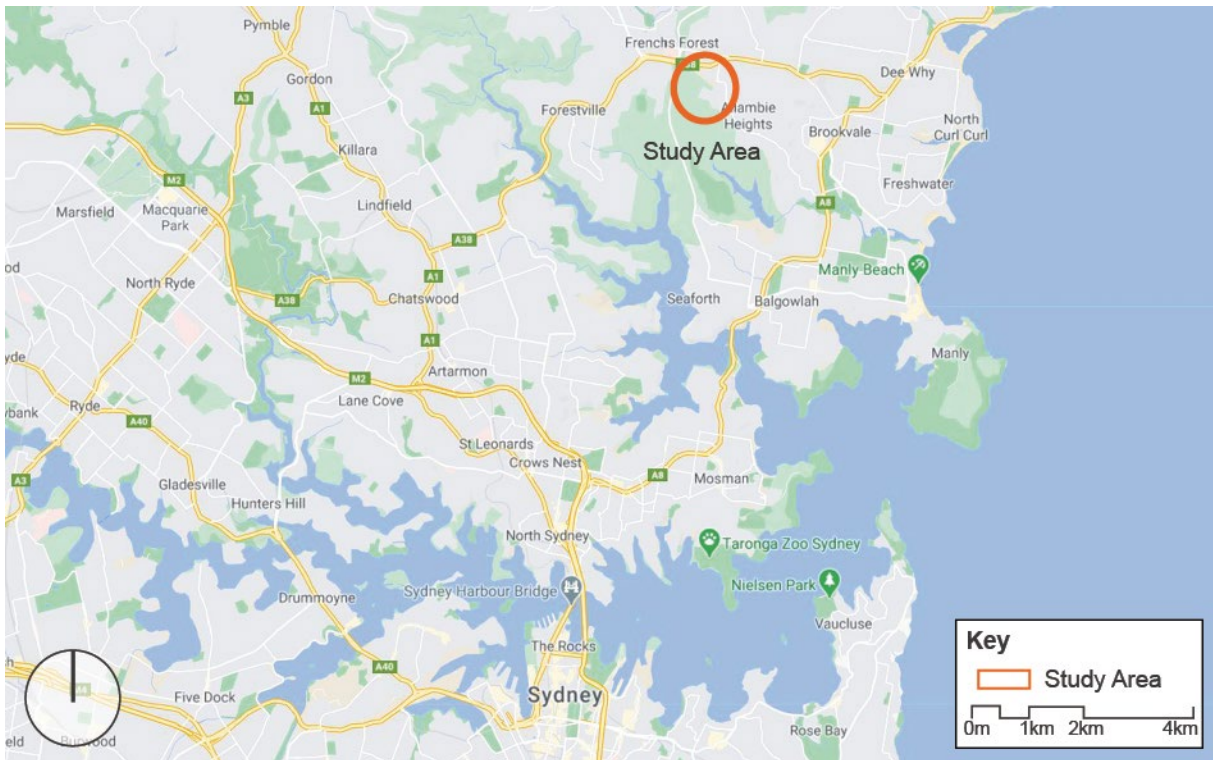


Figure 1.1 Location of the study area in the larger Sydney context. (Source: Google Maps with GML overlay, 2020)



Figure 1.2 Location of the study area in the local context. (Source: SIX Maps with GML overlay 2020)



Figure 1.3 Team members on final day of excavation. Left to right back row: John Phillips, Talei Holm and Kevin Telford. Front row: Korri Currell, Drew Kennedy and Jodi Cameron (Source: GML Heritage, 2021)

1.6 Endnotes

- ¹ Department of Environment, Climate Change and Water 2010, National Parks and Wildlife Act 1974 (NSW), 'Fact sheet 1', September 2010.
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- ⁸ Australia ICOMOS Inc, The Burra Charter: the Australia ICOMOS Charter for Places of Cultural Significance 2013, Australia ICOMOS Inc, Burwood, VIC.
- ⁹ Australia ICOMOS Inc, The Burra Charter: the Australia ICOMOS Charter for Places of Cultural Significance 2013, Australia ICOMOS Inc, Burwood, VIC, Article 1.1.
- ¹⁰ Australia ICOMOS Inc, The Burra Charter: the Australia ICOMOS Charter for Places of Cultural Significance 2013, Australia ICOMOS Inc, Burwood, VIC, p 2.
- ¹¹ Australia ICOMOS Inc, The Burra Charter: the Australia ICOMOS Charter for Places of Cultural Significance 2013, Australia ICOMOS Inc, Burwood, VIC, Article 1.2.
- ¹² Australia ICOMOS Inc, The Burra Charter: the Australia ICOMOS Charter for Places of Cultural Significance 2013, Australia ICOMOS Inc, Burwood, VIC, Article 1.10.
- ¹³ Australia ICOMOS Inc, The Burra Charter: the Australia ICOMOS Charter for Places of Cultural Significance 2013, Australia ICOMOS Inc, Burwood, VIC, Article 8.
- ¹⁴ Australia ICOMOS Inc, The Burra Charter: the Australia ICOMOS Charter for Places of Cultural Significance 2013, Australia ICOMOS Inc, Burwood, VIC, p 5.
- ¹⁵ Australia ICOMOS Inc, The Burra Charter: the Australia ICOMOS Charter for Places of Cultural Significance 2013, Australia ICOMOS Inc, Burwood, VIC, p 4.
- ¹⁶ Australia ICOMOS Inc, The Burra Charter: the Australia ICOMOS Charter for Places of Cultural Significance 2013, Australia ICOMOS Inc, Burwood, VIC, pp 2 and 4.

Section 2

Understanding the Project

Area

2 Understanding The Project Area

The purpose of this section is to provide contextual information to inform our understanding of First Nations occupation, use and connections within the study area. This section is separated into the following parts:

- Section 2.1 identifies the traditional First Nations connections with the project area;
- Section 2.2 provides an overview of the existing environmental setting;
- Section 2.3 presents the outcomes of relevant prior First Nations heritage work;
- Section 2.4 details the recent history of land use; and
- Section 2.5 outlines a predictive model of the archaeological potential for the study area that synthesises the information from Sections 2.1 to 2.4.

2.1 The Garigal People

First Nations occupation of Australia dates back at least 60,000 years. The study area is in Guringai (Kuring-gai) Country on the land of the Garigal people (the modern-day Northern Beaches). Here, First Nations people lived mainly along the foreshores of the harbour and coastline. They fished and hunted in the waters and hinterlands of the area, and harvested food from the surrounding bush.¹ Evidence of the long period of First Nations occupation of the Northern Beaches is scattered throughout the area in the form of shell middens and rock-art engravings.

2.2 Environmental Setting of the Study Area

Understanding the environment through the geology, soils, landforms, water and ecology is important to understand the context of First Nations connections to the land. Describing and mapping the landscape contextualises the physical data and underpins intangible connections inherent in most First Nations cultural landscapes.

2.2.1 Geology and Soil Landscapes

The study area is located on the Hornsby Plateau. The geology of the study area is Hawkesbury Sandstone. Regional soil landscape mapping indicates that most of the study area is on disturbed land, yet aerial photography and the known history of the area indicates that the pattern of soil disturbance may not be total (Figure 2.1).

Two soil landscapes would be expected to intersect across the study area: Lucas Heights across the northern half, and Lambert across the south (Figure 2.1). Both the A₁ and A₂ horizons of these two residual soil landscapes can retain First Nations archaeological deposits. The formation process for each soil horizon (the breakdown of bedrock) suggests it is unlikely that they could hold stratified (time-based) formations.

Lambert

The Lambert soil landscape is a typically shallow residual soil on undulating to rolling hills. Topsoil (A₁ horizon) is typically a loose, stony, yellowish-brown sandy loam with inclusions of charcoal. On terrain such as the study area, it can be up to 300mm in depth or not present at all. Underlying this is a

yellow-brown, light sandy clay loam (A₂ horizon), which can reach a depth of 400mm. Exposed bedrock benches can reach up to 100m in length.

Lucas Heights

Lucas Heights is a residual soil landscape associated with the majority of the study area. It is characterised by gently undulating crests and ridges on plateau surfaces of the Mittagong Formation. The landscape generally consists of up to 30cm of loose, dark brown to yellowish brown sandy loam (A₁ horizon) and 10–30cm of bleached, stony, hard-setting sandy loam (A₂ horizon) that overlies earthy, yellowish brown sandy clay loam (B horizon). Low eucalypt open forests and low eucalypt woodlands are the major vegetation covers in the Lucas Heights soil landscape.

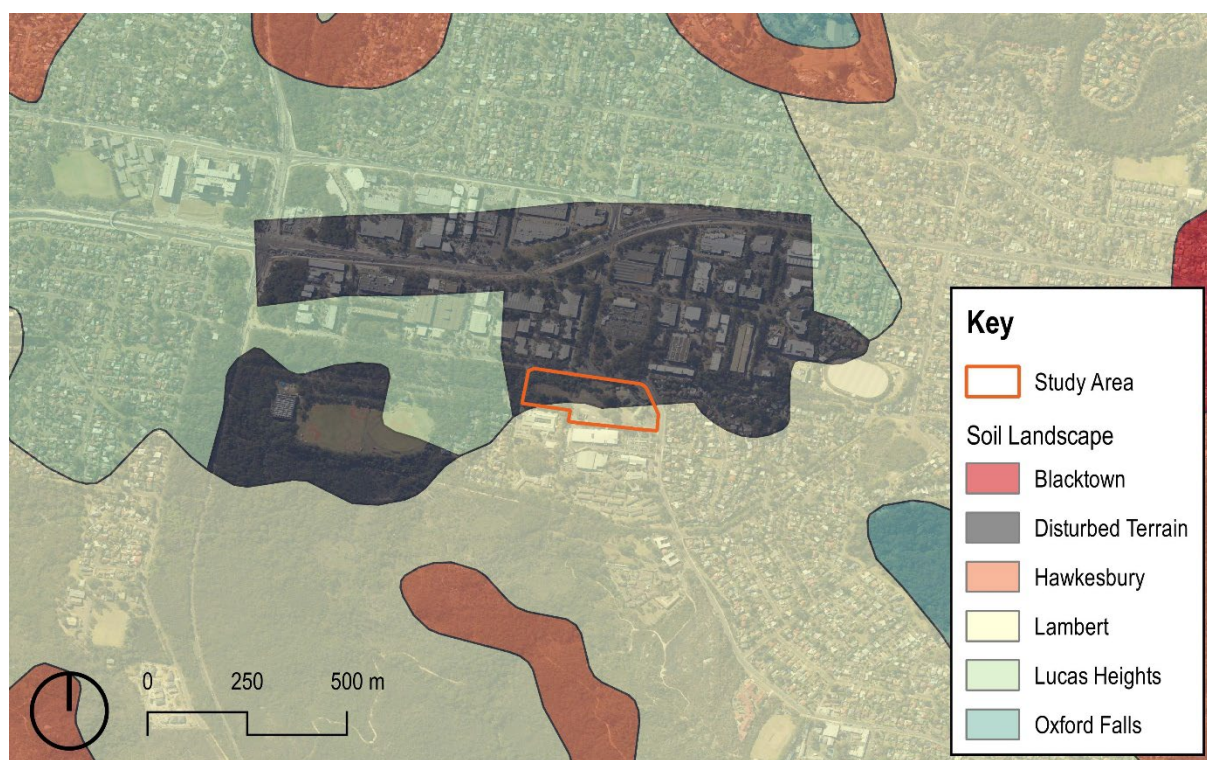


Figure 2.1 Soil landscapes associated with the study area. (Source: SIXMaps with GML additions, 2020)

2.2.2 Landforms

Allambie Heights is situated on the Hornsby Plateau, which has been eroded by streams that once flowed to Holocene coastal lagoons. As such, topography varies drastically between steep sandstone ridges with flat tops and rolling hills.²

The study area is located on the southeastern edge of the Hornsby Plateau. It is connected to Manly Creek (750m to the west) by a spur that forms a clear ridgeline route downhill to the water (Figure 2.2). To the northeast, two hilltops create a shallow valley that extends into and across the study area and down the spur. The elevated landforms of the study area suggested midden and rock shelter site types were unlikely, but that potential archaeological deposits (PADs) might be present.

Landforms across the study area have a very low relief (14m) and are gently inclined. This has resulted in an erosional landform pattern comprised of undulating rises.³

2.2.3 Water Resources

The availability of water has significant implications for the range of resources available and the suitability of an area for human occupation. The study area is located in the raised hinterland of the Northern Beaches, roughly 5km from the Pacific Ocean. There are a series of creeks within the vicinity of the study area (Figure 2.2). The most significant creeks are:

- Brookvale Creek, first order, 700m east of the study area;
- Manly Creek, first order, 900m south of the study area;
- Trefoil/Middle Creek, first and second order, 950m north of the study area;
- Bates Creek, first order, 1500m southwest of the study area; and
- Carroll Creek, first order, 2200m west of the study area.

Bates Creek joins Bantry Bay roughly 2km south of the study area. The bay forms part of Middle Harbour, which itself opens into Sydney Harbour. Middle Creek, to the north of the study area, adjoins Narrabeen Lagoon, which is approximately 5km from the study area. There are no creek lines contained within the study area, although the source of ephemeral first order creeks is on the slopes immediately to the east of the study area (indicated by the contour lines in Figure 2.2).

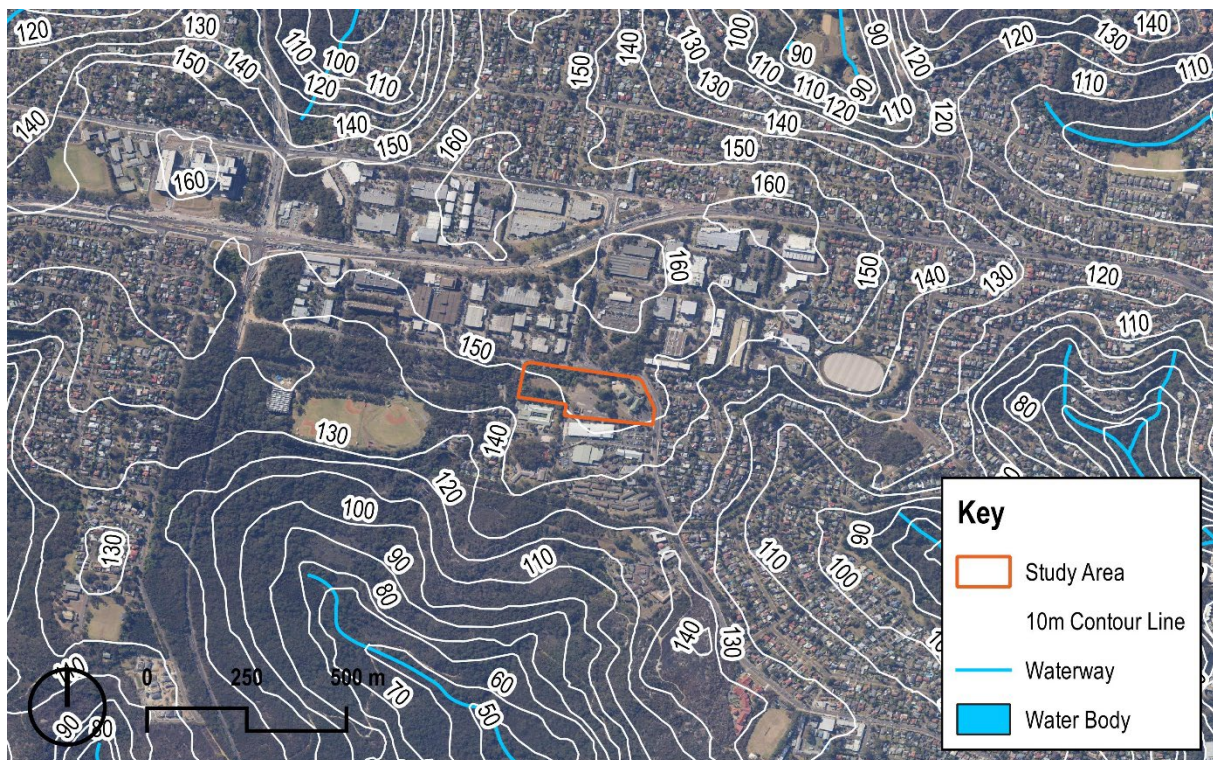


Figure 2.2 Topography and water resources connected with the study area. (Source: SIXMaps with GML additions, 2020)

2.2.4 The Climate

With the conclusion of the Last Glacial Maximum (roughly 18,000 years BP), temperatures in what is now the Sydney region began to rise. While this initially resulted in a period of drying, conditions reached their warmest and wettest in this area between 8000 and 5000 BP—temperatures were 2

degrees warmer and it was 50 percent wetter than today. Sea level was also at its highest during this period (2 metres above current levels), meaning much of the present low-lying coastline was inundated. The mid-Holocene saw a drop in temperature and precipitation, with conditions intensifying around 3000BP. The El Niño Southern Oscillation system also commenced in this period, beginning the cycle of alternations between dry El Niño and wet La Niña climatic conditions.⁴ By 1000BP, the climate had become comparable to that of today.⁵

2.2.5 Ecology

Vegetation across the study area has prominently been cleared, yet it was once covered in low eucalypt woodlands, with species such as red bloodwood (*Eucalyptus gummifera*), scribbly gum (*Eucalyptus haemastoma*), turpentine (*Syncarpia glomulifera*) and yellow-top ash (*Eucalyptus luemanniana*).⁶

While conducting the December 2020 site inspection and November 2021 survey and test excavation, numerous fauna was observed, including kookaburras, white cockatoos and a goanna. The nearby rock engraving of a kangaroo also indicates that these animals have long been present in the landscape.⁷



Figure 2.3 Kookaburra seen within the study area as test excavations were undertaken. (Source: GML Heritage 2021)



Figure 2.4 A goanna which was spotted several times during test excavation and survey. (Source: GML Heritage 2021)

2.2.6 Summary of the Local Environment

The study area is located on the Hornsby Plateau, with expected soil landscapes of Lambert and Lucas Heights. Mapped soil landscape locations should be treated with caution, and ground-truthed during excavation. Regional soil mapping indicates large swathes of disturbed terrain cross the study area, though aerial photography from prior decades indicate areas of undisturbed soils may still be present on site. There are no creek lines associated with the study area, though ephemeral streams would have been present on the slopes east of the study area.

2.3 Previously Identified First Nations Heritage

2.3.1 Aboriginal Heritage Information Management System Register

A search of the Heritage NSW Aboriginal Heritage Information Management System (AHIMS) database of an area 4.42 km (north to south) by 5.85 km (east to west) was undertaken on 2 December 2020 (reference number 554146). A further Basic Search was conducted on 1 September 2021 (AHIMS ID 618880) that showed no change in search results. The results of the search are shown in Figure 2.5 and Figure 2.6. The search identified 100 recorded First Nations sites, though one of these sites was recorded in error and has been discounted from this report. It also indicated that rock engravings constitute the predominant remnants recorded in this area. An overview of the AHIMS results are shown in Table 2.1.

Table 2.1 Results of the AHIMS Search.

Site Feature	Frequency	Percentage
Art	8	8
Art and artefacts	2	2
Art and waterhole	1	1
Art, grinding groove and PAD	1	1
Art, water hole and PAD	1	1
Artefact	4	4
Grinding groove, rock engraving and water hole	2	2
Habitation structure and PAD	1	1
Midden	14	14.1
PAD	1	1
Rock engraving	41	41.4
Rock engraving and midden	1	1
Shelter with art	6	6
Shelter with art and midden	2	2
Shelter with midden	14	14.1
Total	99	

The general patterning of First Nations sites in the local area shows a strong association with the creeks and bays adjoining Sydney Harbour.

There are no previously recorded First Nations sites located within the study area. As a result of the December 2020 due diligence report, a PAD was identified and registered as 45-6-4010 (PAD 01). There are several Aboriginal sites recorded within proximity of the study area. Of note are the high number of rock engravings (42% of the local archaeological record). The location and position of these sites provides an indication of prior First Nations cultural landscape connection and use (Figure 2.6).

The closest engraving to the study area is site 45-6-0905. Located 100m south of the study area, site 45-6-0905 is a rock engraving depicting a single kangaroo/wallaby in a leaping pose. It faces northwest, has been engraved into a flat piece of exposed bedrock and has a faint but smooth outline. Site 45-6-0668 has two recorded motifs and another noted anecdotally. A cluster of engraving sites are positioned to the northeast. Site 45-6-0752 (which appears to be the same site as 45-6-0753), site 45-6-2402 and site 45-6-0745 have between nine and 20 recorded motifs. Given the frequency of rock engravings in the surrounding area and the pattern of engravings appearing in clusters with multiple figures, the study area holds potential for engravings on suitable panels of sandstone bedrock.

The regional AHIMS record also identifies some other First Nations site types and features in a similar landform context to the study area, including stone artefacts and areas with PAD. Other site types, such as middens and rock shelters, are associated with the steep sandstone valleys abutting Middle Harbour and would not be expected on the elevated landforms of the study area.

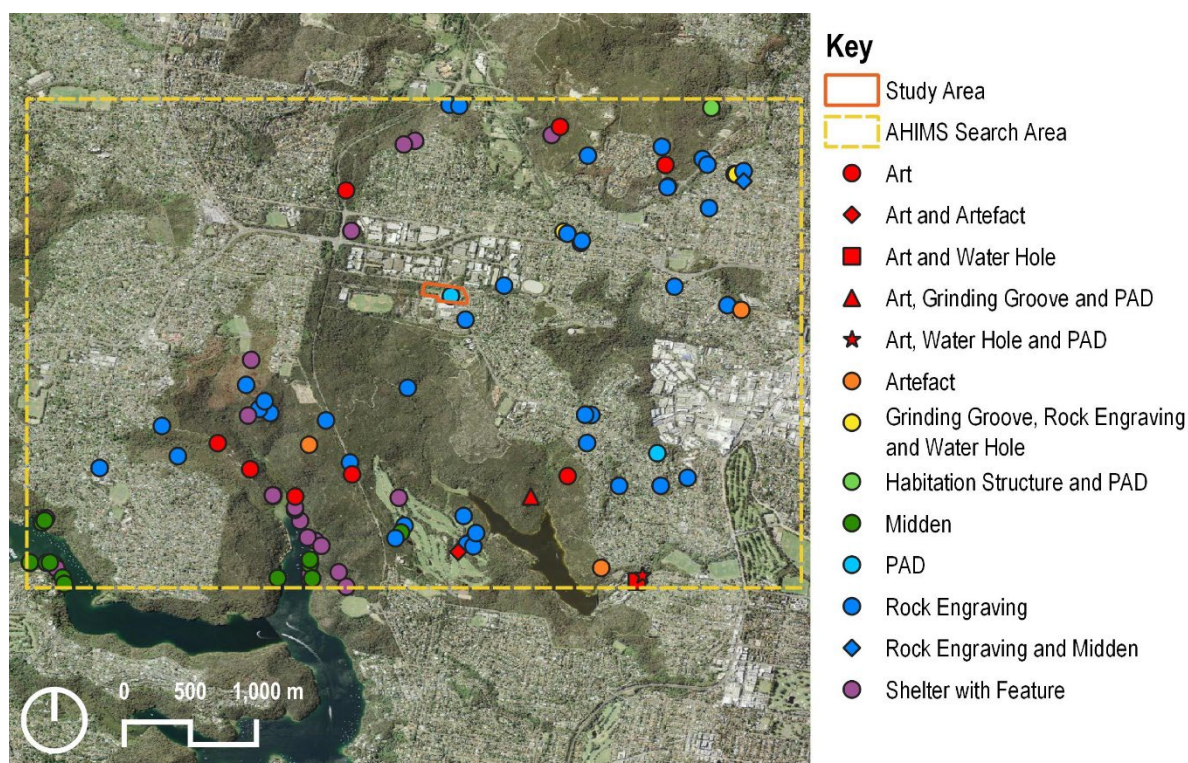


Figure 2.5 AHIMS results for the landscape surrounding the study area. (Source: Heritage NSW AHIMS with GML additions, 2021)

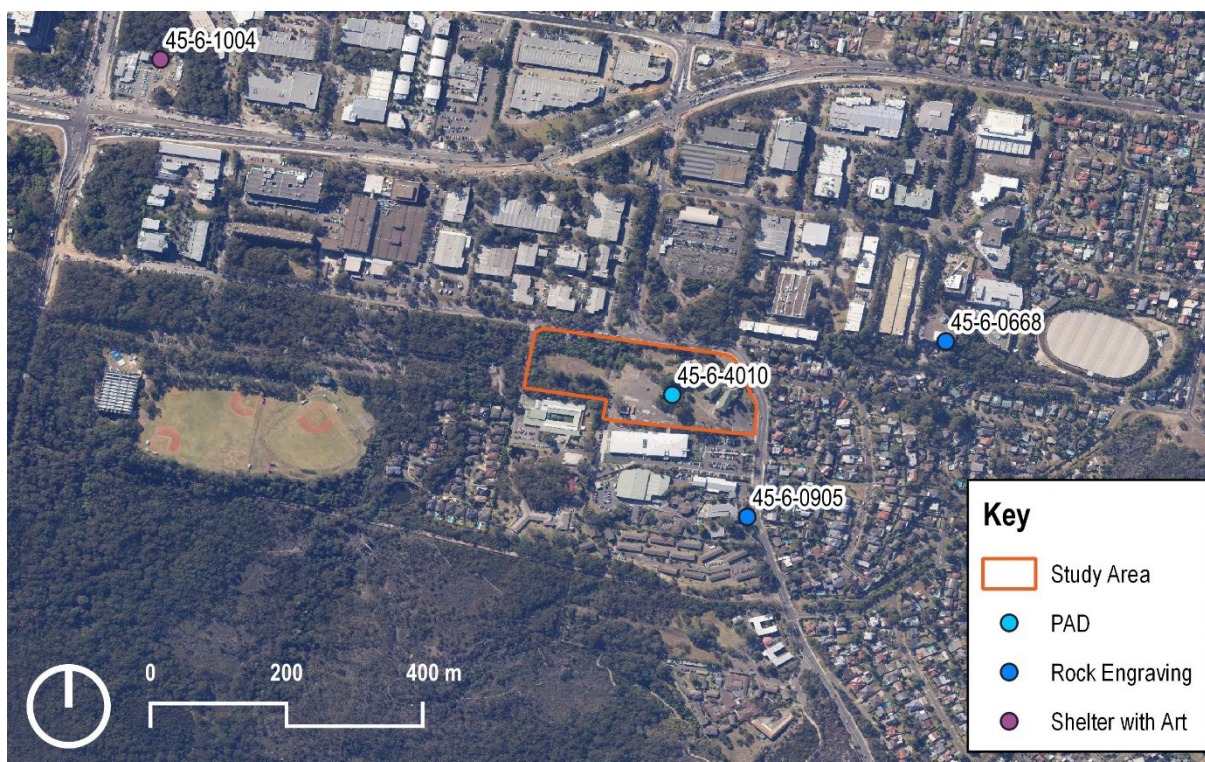


Figure 2.6 AHIMS results in closer proximity to the study area. (Source: Heritage NSW AHIMS with GML additions, 2021)

2.3.2 Previous Heritage Investigations

The study area is in a region that has been subject to little prior First Nations heritage assessment. A summary of relevant prior First Nations reporting is provided in Table 2.2. The location of these studies with reference to the project area is shown in Figure 2.2.

Table 2.2 Summary of Relevant Prior First Nations Heritage Reports.

Report	Connection with the Project Area	Key Heritage Outcomes
The Tale of a Whale: Significant Aboriginal Landscapes of the Northern Beaches—Emma Lee, 2002	The book tells the story of the First Nations people of the Northern Beaches of Sydney, the area within which the study area is located.	Lee details the history and culture of the First Nations people of the Northern Beaches and completes an in-depth analysis of 'heritage places', associations and their significance. In addition to discussing the culture, Lee also describes the landscape and lifestyle of the saltwater people who were living at North Head and near surrounding lagoons and creeks. The publication outlines connections between places, landscapes and First Nations heritage, notably around North Head.
28 Rodborough Road, Frenchs Forest—Due Diligence—Oliver Brown Consulting Archaeology, 2011	This report was prepared for Platino Properties (following requirements from the Warringah Council), with the aim of assessing potential harm to engraving site 45-6-0668. 45-6-0668 is located 500m northeast of the study area and in a similar soil	Engraving site 45-6-0668 was initially recorded in 1977. Warringah Council was concerned that construction of the Warringah Park Business Centre had harmed the engraving. This report located and rerecorded the site. There were no further sites recorded and a previously

Report	Connection with the Project Area	Key Heritage Outcomes
	and landform context to the study area.	noted single flaked quartz object could not be relocated.
Coastal Erosion Aboriginal Heritage Strategy, Northern Sydney—Aboriginal Heritage Office, Ku-ring-gai, Lane Cove, North Sydney, Northern Beaches, Strathfield and Willoughby Councils, 2019.	This report documents works undertaken during a two-year coastal erosion project in Northern Sydney under a grant provided by the NSW Government’s Heritage Near Me program. Its aim was to better protect First Nations sites in northern Sydney’s foreshore.	A total of 242 foreshore sites were recorded, the majority being open shell middens and the bulk of the remainder being shelter sites. Additional sites included burials, rock engravings, fish traps and a waterhole. A third of all foreshore sites were shown to be experiencing ongoing erosion and several sites were found to be in poor condition due to coastal erosion. Midden sites that were considered stable were found to still be at risk from severe storm and tide events—a number were in a vulnerable condition and might soon be completely eroded.
Northern Beaches Health Services, Frenchs Forest: Aboriginal Heritage Impact Assessment—Australian Museum Business Services, 2012.	This report was prepared for SMEC Australia Pty Ltd for the proposed Northern Beaches Hospital Development, Frenchs Forest. The development site comprises two areas in Frenchs Forest: the Bantry Bay Road area and the area southeast of Bantry Bay Road.	No First Nations sites were identified within the study area during the survey. The high level of disturbance observed within a major part of the study area, and the lack of substantial intact topsoil, indicated the low archaeological potential for intact or substantial First Nations deposits. There was found to be low potential for the recovery of in situ First Nations objects and low research potential. However, the report noted potential for art/engravings on the sandstone outcrops in the northeastern section of the Bantry Bay Road area.

2.4 Recent History of Land Use

Prior land uses may affect the ability of the landscape to inform and relate its history of First Nations connections. Vegetation clearance, movement of creeks and waterways, cut and fill, some farming activities, and construction all change how the landscape appears. These activities can also affect and alter original soil profiles, which may have implications for the intactness of First Nations archaeological sites.

Understanding the range and extent of prior recent land use allows a model of First Nations heritage sensitivity to be developed. To assess changes to the study area we have undertaken investigations of historical aerial photographs to examine the history of twentieth-century alterations and impacts:

- 1943 aerial (Figure 2.7)—a small area with quarrying is evident in the northwest corner of the study area. Tracks and paths cross it. Vegetation has been stripped from the central and eastern parts.
- 1951 aerial (Figure 2.8)—further vegetation stripping has occurred. The network of paths has become more incised. A scoured and quarried area is present to the immediate south of the study area.

- 1961 aerial (Figure 2.9)—vegetation has been stripped to make way for buildings constructed in the northeast corner of the study area, while several large trees have also been removed from the western part. The quarry is still present to the immediate south of the study area.
- 1976 aerial (Figure 2.10)—the western part of the study area has been stripped and cut. Development has occurred across the central and eastern parts of the study area. Two mature trees have been retained within a central garden area—these appear to be the only trees retained from 1943.
- 1986 aerial (Figure 2.11)—further impacts have occurred across the western part of the study area.
- 1994 aerial (Figure 2.12)—the western part of the study area is grassed, and no further major alterations have occurred.

The aerial photography shows that study area has been subject to a history of moderate recent land use—areas with minimal historical disturbance are illustrated in Figure 2.13. These areas were further assessed during the December 2020 site inspection.

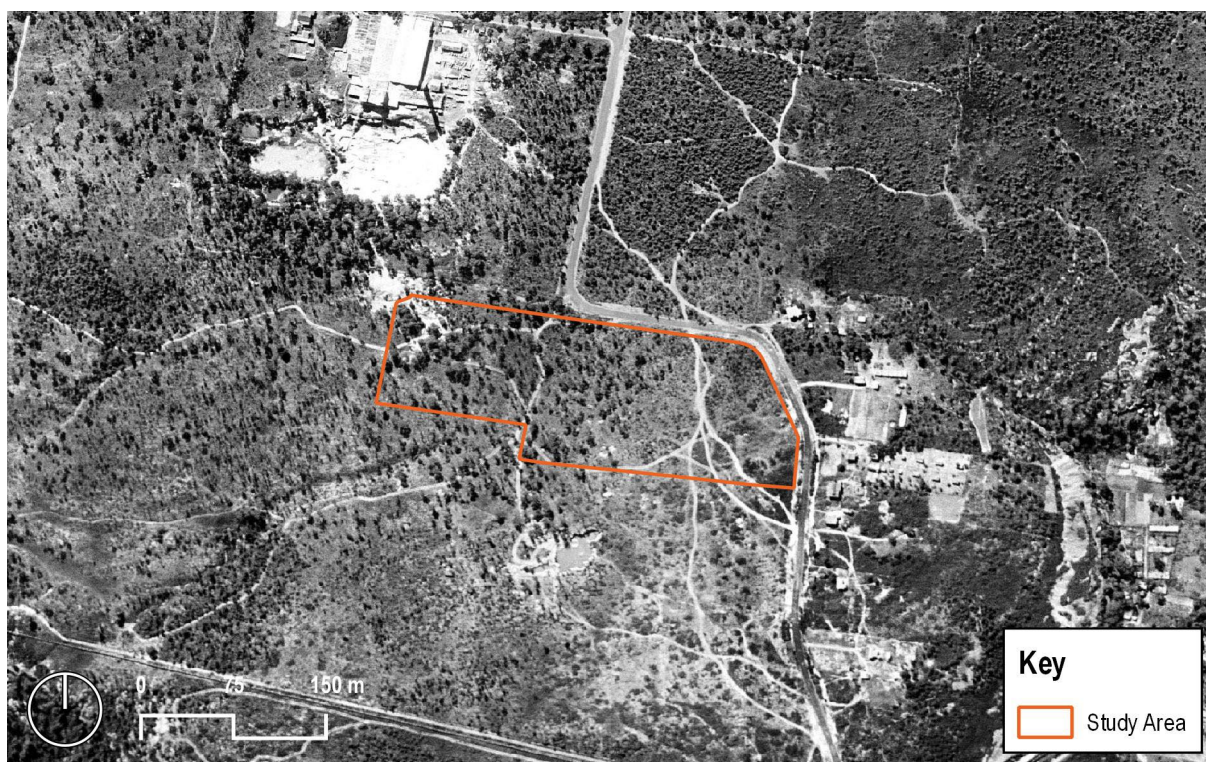


Figure 2.7 1943 aerial showing the study area. (Source: SIXMaps with GML additions 2020)

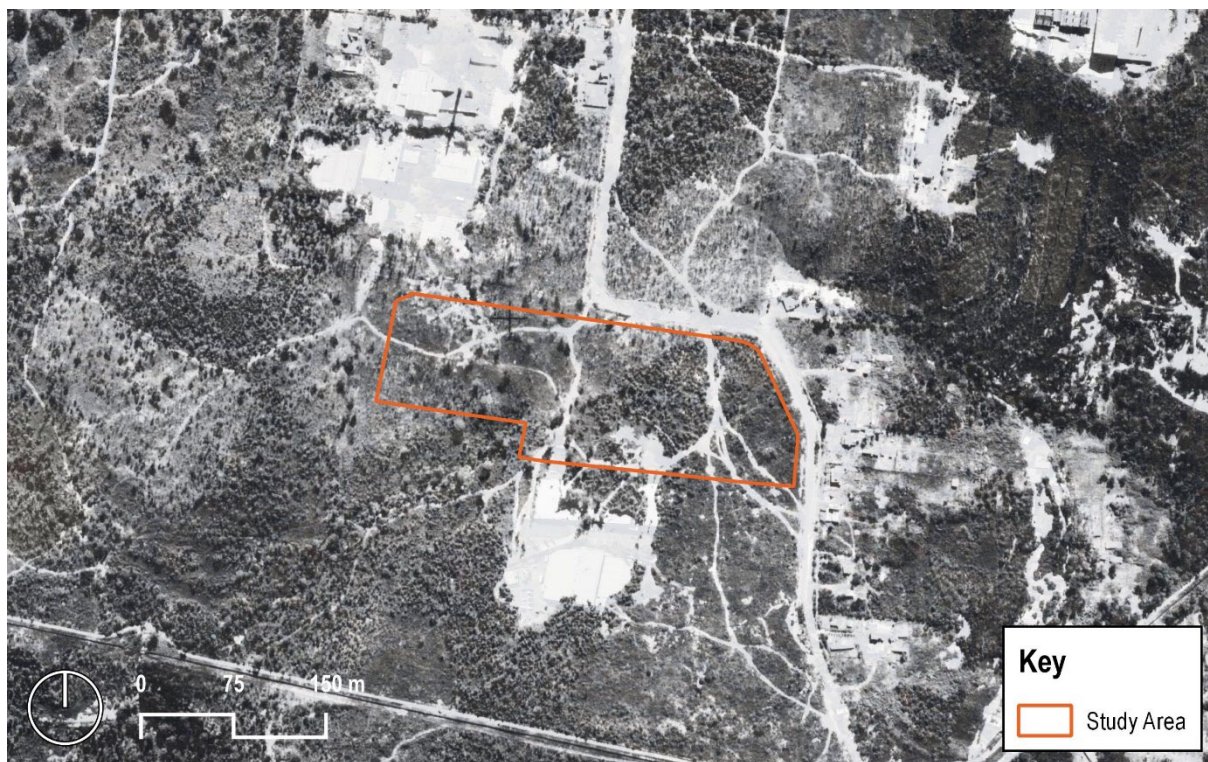


Figure 2.8 1951 aerial showing the study area. (Source: NSW Spatial Collaboration Portal, with GML additions, 2020)

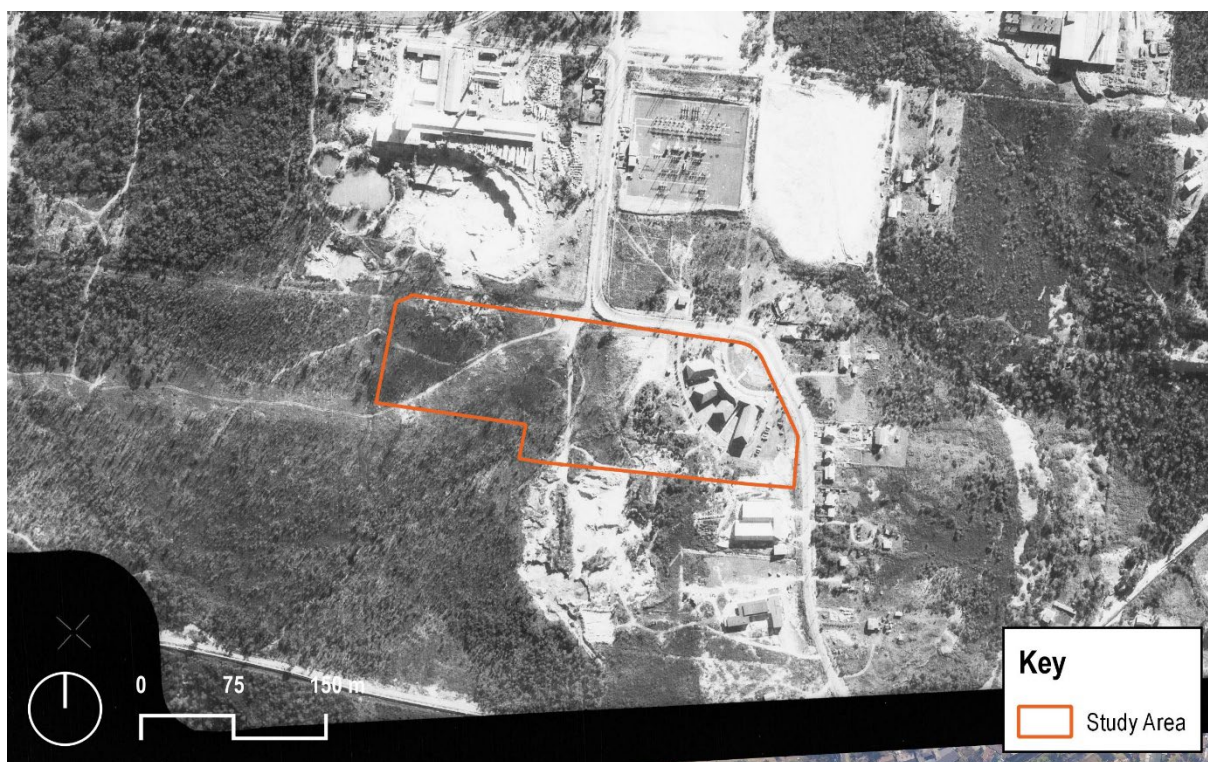


Figure 2.9 1961 aerial showing the study area. (Source: NSW Spatial Collaboration Portal, with GML additions, 2020)



Figure 2.10 1976 aerial showing the study area. (Source: NSW Spatial Collaboration Portal, with GML additions, 2020)



Figure 2.11 1986 aerial showing the study area. (Source: NSW Spatial Collaboration Portal, with GML additions, 2020)



Figure 2.12 1994 aerial showing the study area. (Source: NSW Spatial Collaboration Portal, with GML additions, 2020)



Figure 2.13 Summary of aerials outlining zones with minimal historical disturbance. (Source: SIXMaps with GML additions 2020)

2.5 Archaeological Predictive Models

Predictive modelling helps us develop an understanding of how First Nations sites, places and object likely distributed in a wider landscape.⁸ Through a process of landscape characterisation, First Nations people and archaeologists are able to infer those locations most frequently visited and used in the past. Such assessment may be used to interpret long-term subsistence and habitation patterns. Based upon the landscape context, land use history, regional and local archaeological patterns it is possible to provide a predictive statement for the likely occurrence of First Nations archaeological sites/places connected with the study area (Table 2.3).

Table 2.3 Types of First Nations Archaeological Sites that may be Located within the Study Area.

Archaeological Site Type	Description and Potential Location
Stone artefacts	<p>Stone artefact concentrations are collections of stone, frequently brought from other areas, which demonstrate evidence for First Nations working, use and/or discard of the stone at a single location. Stone artefact concentrations may be associated with any of the below site types.</p> <p>Where such sites are buried by sediment, they may not be noticeable unless exposed by erosion or disturbed by modern activities.</p> <p>These sites may be found within the study area associated with intact deposits.</p>
Isolated finds	<p>Sites consisting of a single stone artefact, isolated from any other artefacts or archaeological evidence. These are generally indicative of sporadic past First Nations use of a location.</p> <p>A distinction should be drawn between isolated finds that are a component of the background distribution of objects and specialised objects, such as axes, hammer stones, grinding dishes etc, that would have been used repeatedly and may have been carried from place to place.</p> <p>These sites may be found within the study area and are associated with singular actions of First Nations Peoples or disturbed ground.</p>
Shelter sites	<p>Sandstone shelters and overhangs were used by First Nations people for habitation. The deposits in such sites are commonly very important because they often contain clearly stratified material in a good state of preservation.</p> <p>These sites are unlikely to be found within the study area due to their association with sandstone valley landforms.</p>
Shell middens	<p>Middens predominantly consist of accumulations of shell that represent the exploitation and consumption of shellfish by First Nations people. Shell species may be marine, estuarine or freshwater depending on the environmental context. Middens frequently also include faunal remains, stone artefacts, hearths and charcoal.</p> <p>These sites are unlikely to be found within the study area due to their association with sandstone valley landforms.</p>
Grinding grooves	<p>Grooves resulting from the grinding of stone axes or other implements are found on flat areas of suitable sandstone. They are often located near waterholes or creek beds as water is necessary in the sharpening process. In areas where suitable outcrops of rock were not available, transportable pieces of sandstone were used.</p> <p>While grinding grooves are frequently associated with rock engraving sites, which are common in the vicinity of the study area, no grinding groove sites have been recorded in the local area. This suggests it is unlikely such sites will be found within the study area.</p>
Quarries	<p>These are areas where stone was obtained for flaked artefacts or ground-edge artefacts, or where ochre was obtained for rock paintings, body decoration or decorating wooden artefacts.</p>

Archaeological Site Type	Description and Potential Location
	These sites may be found near the study area. However, it is highly unlikely they occur within the study area itself given the geological requirement.
Art sites	<p>First Nations paintings, drawings and stencils are commonly to be found where suitable surfaces occur in sandstone shelters and overhangs. These sites are often referred to as rock shelters with painted art.</p> <p>Rock engravings, carvings or peckings are also to be found on sandstone surfaces both in the open and in shelters. These are referred to as rock engraving sites.</p> <p>These sites are common in the local area, and may be found within the study area on flat bedrock platforms, particularly those with extensive views of the surrounding area, or in locations important to people or animals. These site types are associated with upper slopes, crests, and first order streams.</p>
Scarred trees	<p>Scarred trees bear the marks of bark and wood removal for utilisation as canoes, shields, boomerangs or containers. It is commonly very difficult to confidently distinguish between First Nations scars and natural scars or those made by Europeans. Scars may also originate as ‘foot-marks’, small pockets cut into the bark of a tree enabling the tree to be climbed.</p> <p>These sites may be found within the study area, likely associated with old growth trees.</p>
Burial sites	<p>Burial sites may be of isolated individuals or they may form complex burial grounds. They are often associated with other site types such as middens, or mounds.</p> <p>These sites are unlikely to be located within the study area.</p>
Mound Sites	<p>Commonly found on lower lying alluvial flood plains, mound sites are formed by the long-term build-up of soil, organic material, and/or shell to form a small mound. Mounds may contain stratified deposits and can contain burials.</p> <p>These sites are unlikely to be located within the study area owing to its location on a raised plateau landform.</p>
Stone arrangements, carved trees and ceremonial grounds	<p>These site types are often interrelated. Stone arrangements vary from simple cairns or piles of rocks to more elaborate arrangements; patterns of stone laid out to form circles and other designs, or standing slabs of rock held upright by stones around the base.</p> <p>Carved trees may have intricate geometric or linear patterns or representations of animals carved into their trunks. Ceremonial grounds and graves were often marked by such trees.</p> <p>Bora grounds are a common type of ceremonial site and they are generally associated with initiation ceremonies. They comprise two circles, generally edged with low banks of earth but sometimes of stone, a short distance apart and connected by a path.</p> <p>These sites are not associated with the study area.</p>
Resource Area	<p>Resource gathering areas represent landforms that contain a high number of fauna and flora species, which were known First Nations resources. Resource areas are frequently associated with permanent water resources, often swamps or marshes, and frequently have recorded sites such as middens nearby. Landforms associated with these sites are often flats with a favourable outlook.</p> <p>These sites are unlikely to be found within the study area due to lack of permanent water resources within the study area.</p>

In summary, predictive modelling indicates that there is the potential for stone artefacts and rock engravings to be identified within the study area.

The modelling combined with the history of recent land use provided us with an indication of locations and landforms that could be connected with physical (tangible) aspects of First Nations heritage (Figure 2.14). During the December 2020 site inspection, Mr Kevin Telford (MLALC) indicated that Allambie Road follows a ridge line and is a traditional walking track. This, alongside the art engraving of a kangaroo which directs one through the study area and between two hilltops in the north, indicated that the study area has the potential to hold intangible value (Figure 2.15).



Figure 2.14 Summary of First Nations heritage predictive modelling for the study area. (Source: SIXMaps with GML additions 2020)

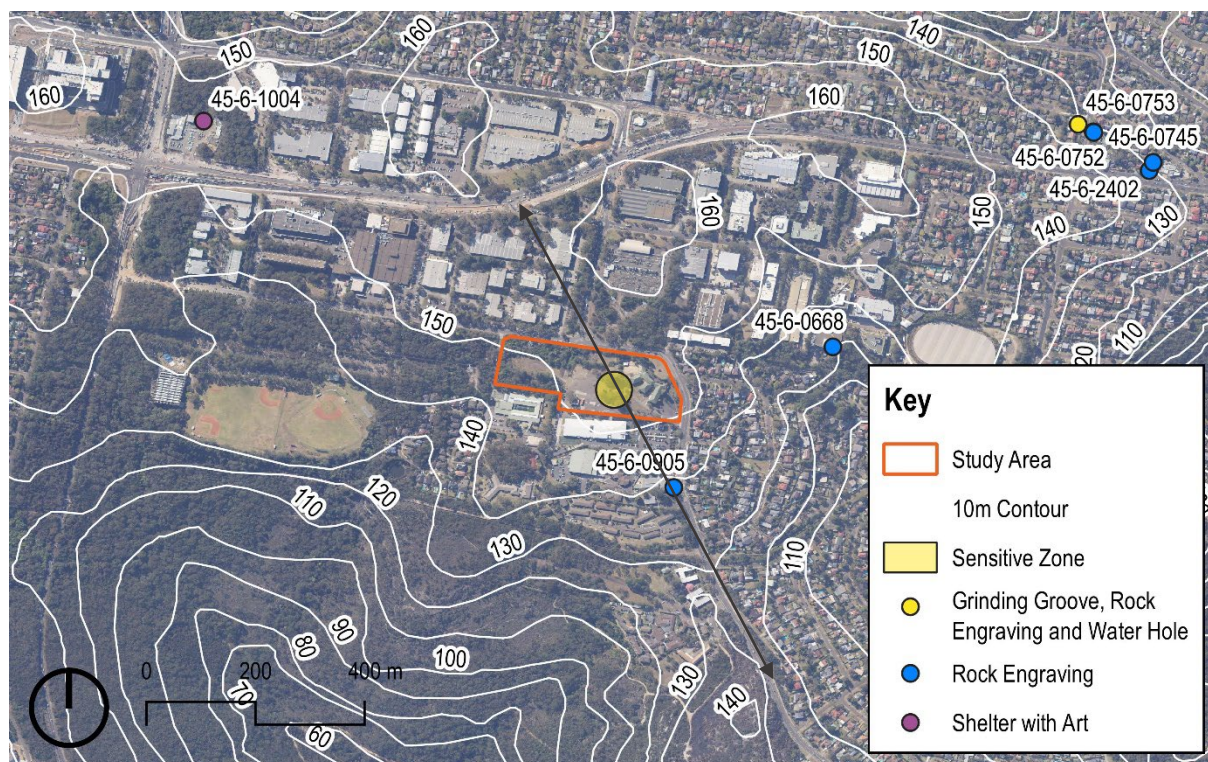


Figure 2.15 Connection of the study area to the wider landscape. (Source: SIX Maps, 2016, NSW Land Registry Services, 2020, with GML additions, 2020)

2.6 Endnotes

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- ⁶ Dibden, J A 2011, 'Drawing in the Land: Rock-art in the Upper Nepean, Sydney Basin, New South Wales', PhD Thesis, Australian National University, Canberra.
- ⁷ Telford, Kevin (MLALC). During initial site inspection, 15 December 2020.
- ⁸ Owen, T and Cowie, D 2017, 'Four Predictive Models to Describe Aboriginal Lithic Artefact Site Patterning on the Cumberland Plain', *Journal of the Australian Association of Consulting Archaeologists*, vol 5, no 2.

Section 3

Archaeological Field

Methods

3 Archaeological Field Methods

The purpose of this section is to detail the results of the archaeological survey and test excavations conducted in November 2021. This section is separated into the following parts:

- Section 3.1 provides an overview of the archaeological survey methodology;
- Section 3.2 presents the results of the archaeological survey;
- Section 3.3 presents the Archaeological Zoning Plan prepared for the study area;
- Section 3.4 details the Archaeological Research Design (ARD);
- Section 3.5 discusses the test excavation results; and
- Section 3.6 discusses the interpretation and analysis of the test excavation.

3.1 Archaeological Survey

The first aim of an archaeological survey is to identify all visible evidence of past First Nations occupation within the study area. The second aim is to determine zones that are likely to have buried subsurface archaeological deposits. Combining these two together will allow the creation of an Archaeological Zoning Plan (AZP) that defines where First Nations evidence is likely to be located across the study area. In addition, consideration should be given to locations within the study area that do not contain physical evidence from First Nations occupation, but which would have been significant to First Nations use of the landscape, eg walking tracks, ceremonial areas, Dreaming trails etc. These should also be recorded, mapped and considered within the framework of assessment and management for First Nations heritage.

It must be noted that practically all archaeological survey is limited by factors such as ground surface visibility, access restrictions and environmental factors during the period of survey. These influences will affect the outcome of any survey and introduce biases into the results.

3.1.1 Survey Sampling Strategy

The study area was surveyed by the study team and First Nations representatives on 22 November 2021. A linear pedestrian survey aimed to assess the whole study area, inspecting all soil exposures and zones with low vegetation that contained tracks and paths. Sampling included all landforms that will potentially be impacted by the proposed Forest High School Relocation Project.

The sampling strategy employed during the survey covered the area indicated in Figure 3.1. The surveyed area included the area where the works are proposed.

A partial coverage survey was undertaken to identify locations of disturbance and locations without archaeological potential as well as the previously defined location of First Nations PAD where test excavation was proposed (45-6-4010/PAD 01).

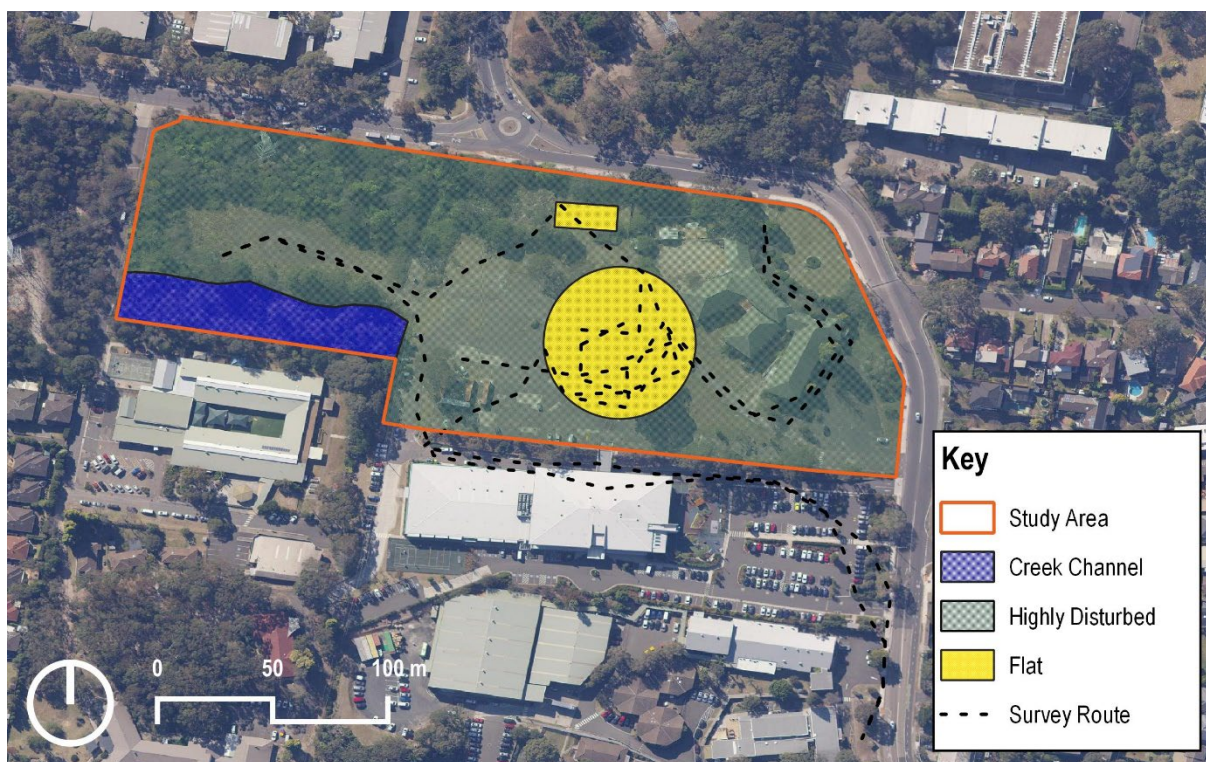


Figure 3.1 Summary of survey coverage of the study area. (Source: SIXMaps with GML additions 2021)

3.1.2 Field Methods

In accordance with Heritage NSW guidelines,¹ the description of survey coverage includes landform units, the total area surveyed within that landform unit and a quantification of the level of exposure and visibility. Definitions of ‘visibility’ and ‘exposure’ from the guidelines are reproduced below.

Visibility is the amount of bare ground (or visibility) on the exposures which might reveal artefacts or other archaeological materials. It is important to note that visibility, on its own, is not a reliable indicator of the detectability of buried archaeological material. Things like vegetation, plant or leaf litter, loose sand, stony ground or introduced materials will affect the visibility. Put another way, visibility refers to ‘what conceals’.

Exposure is different to visibility because it estimates the area with a likelihood of revealing buried artefacts or deposits rather than just being an observation of the amount of bare ground. It is the percentage of land for which erosion and exposure was sufficient to reveal archaeological evidence on the surface of the ground. Put another way, exposure refers to ‘what reveals’.²

The calculation of effective coverage provides a means with which to describe the proportion of the study area in which it is possible to assess the presence or absence of archaeological material. This measure is expressed as a percentage and can be calculated using a number of different techniques. For this study, effective coverage was calculated by multiplying the area surveyed by the percentage of exposure and visibility within the survey unit. The area of effective coverage was then expressed as a percentage of the whole survey unit.

3.1.3 Archaeological Potential

Archaeological site formation is a complex process, affected by bioturbation and by environmental factors, such as erosion or burial through soil movement. Once discarded on the ground surface, artefacts are often readily incorporated into the topsoil horizons through the process of bioturbation. Most commonly, dense artefact deposits exist hidden beneath the upper surface, imperceptible to the casual observer.³ Archaeological assessments that do not employ appropriate methods of subsurface detection or prediction cannot reliably define an area's archaeological content. Most frequently, the eroded component of a larger subsurface deposit is detected and recorded as a site. Where soils are sandy, artefacts can occur at greater depths and erosion may frequently expose artefacts. Therefore, it is crucial that the soils, sands and geomorphology of an area are defined in an archaeological assessment and the archaeological implications defined. An understanding of these factors, linked further to the notions of site integrity and condition, yields an understanding of an area or site's archaeological potential.

It is important to note that the level of archaeological potential relates to the likelihood of discovering an Aboriginal object within a location. Further description should then be made as to the potential condition and integrity of the soil matrix and potential site itself. Only once all these factors have been considered can scientific value start to be assessed for an area with potential. Therefore, though scientific value and potential are linked they are not the same and can differ substantially for any single site or area.

Areas with archaeological potential were identified according to the definitions in Table 3.1.

Table 3.1 Definitions of Archaeological Potential.

Rank	Definition	Example
No potential	Artefacts cannot occur in situ.	Eroded landforms, reconstructed landscapes, hazardous landscape, developed areas.
Low potential	Artefacts are not normally found in comparable contexts but could occur in low densities, making detection unlikely.	Landforms with no specific focus for use, ie with water sources or undifferentiated slopes.
Moderate potential	Artefacts are known to occur in comparable landforms in detectable densities (~1 artefact/m ²) and there is an unknown possibility for detection.	Landforms with an environmental focus which may have seen seasonal visitation.

3.2 Survey Results—Survey Units and Landforms

3.2.1 Survey Results—First Nations Sites/Places and Landscapes

The archaeological survey identified an area that was considered a PAD. While the survey was successful in assessing the disturbance within the study area, the effectiveness of the survey coverage was low (Table 3.2, Table 3.3, Figure 3.2 and Figure 3.3). Due to dense scrub and ground disturbance in the creek line and western part of the study area, these sections had low coverage during the survey.

Table 3.2 Survey coverage.

Survey Unit	Landform	Survey Unit area (m ²)	Visibility %	Exposure %	Effective coverage area (m ²) (=survey unit area x visibility % x exposure %)	Effective coverage % (= effective coverage area/survey unit area x 100)
Unit 1	Creek Channel	3,106	0	0	0	0
Unit 2	Highly Disturbed	34,073	40	0	0	0
Unit 3	Flat	4,366	40	0	0	0

Table 3.3 Landform summary—sampled areas.

Landform	Survey Unit area (m ²)	Area effectively surveyed (m ²) (=effective coverage area)	% of land effectively surveyed (= area effectively surveyed / landform area x 100)	Number of sites	Number of artefacts or features
Creek Channel	3,106	0	0	0	0
Highly Disturbed	34,073	0	0	0	0
Flat	4,366	0	0	0	0



Figure 3.2 Disturbance through central zone of study area, facing west. (Source: GML 2021)



Figure 3.3 Example of introduced gravels mixed with topsoil seen across the study area. (Source: GML 2021)

3.3 Archaeological Zoning Plan

The study area contains two zones with different archaeological potential (Figure 3.4). The two zones are:

- Moderate archaeological potential—the garden area identified as PAD 01. This area has established tree and does not appear to have been substantially disturbed. As such it holds the potential to retain high soil condition and integrity.
- No/little archaeological potential—locations substantially excavated and impacted by historical disturbance. Zones are unlikely to retain any soil integrity. Soil condition is likely to be low, with residual soils having been substantially moved from their original context.

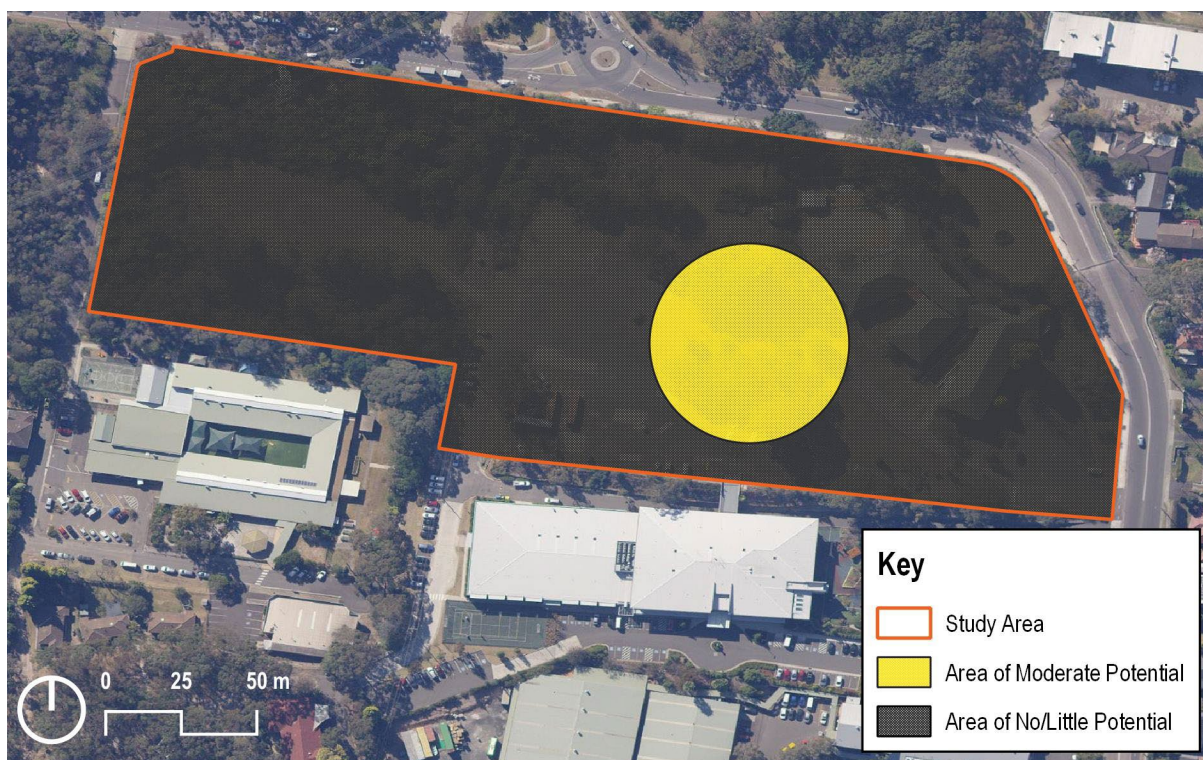


Figure 3.4 Summary of archaeological potential for the study area. (Source: SIXMaps with GML additions 2021)

3.4 Archaeological Test Excavation

In order to confirm the presence or absence of Aboriginal objects within the zones designated as holding PAD, a program of Aboriginal archaeological test excavation was undertaken in accordance with the ARD (Appendix D). Archaeological test excavation was undertaken between 22 and 24 November 2021; this section provides the results of the work.

3.4.1 Mechanism for Archaeological Test Excavation

Archaeological test excavation is permitted under the Code of Practice without the need for approval under Section 90 of the NPW Act.⁴ That is, it is excluded from the definition of ‘harm’ under the NPW Act provided that the subsurface investigations are not carried out in the following areas:

- in or within 50m of an area where burial sites are known or are likely to exist;
- in or within 50m of a declared Aboriginal Place;
- in or within 50m of a rock shelter, shell midden or earth mound; and/or
- in areas known or suspected to be First Nations Missions or previous First Nations reserves or institutes.

As described by Heritage NSW, the purpose of test excavation is to:

*... collect information about the nature and extent of sub-surface Aboriginal objects, based on a sample- derived from sub-surface investigations. Test excavations contribute to the understanding of site characteristics and local and regional prehistory and they can be used to inform conversation goals and harm mitigation measures for the proposed activity.*⁵

3.5 Test Excavation Results

3.5.1 Organisation

Heritage NSW was notified in writing 14 days before the commencement of test excavation, in accordance with Requirement 15c of the Code. Notification was provided to Heritage NSW on 5 November 2021.

The individuals involved in the work are detailed in Table 3.4.

A total of 17 Test Units (0.5m by 0.5m) were excavated, with a total lateral area excavated of 4.25m². A 10m grid was used to layout the grids. The TU layout was modified to accommodate historical disturbance and garden beds. When TU required relocation, all participants on site were involved in discussions regarding the new locations.

Table 3.4 Individuals Involved in the Archaeological Test Excavation.

Person	Affiliation	Role
Talei Holm	GML	Excavation Director
Jodi Cameron	GML	Supervisor/Archaeologist
Drew Kennedy	GML	Field Archaeologist
John Phillips	Tocomwal	Archaeological Assistant and RAP
Jamie Currell	KYWG	Archaeological Assistant and RAP
Korri Currell	KYWG	Archaeological Assistant and RAP
Adam Gunther	KYWG	Archaeological Assistant and RAP
Kevin Telford	MLALC	Archaeological Assistant and RAP

Each TU was recorded by the excavation team on a TU recording sheet during excavation (Appendix B) and photographed and recorded by the Excavation Director or Supervisor after the excavation was completed (the archival photographic record is provided in Appendix B). Excavation was undertaken in 100mm spits (NB TU8 was excavated first with 50mm spits). All soils were hand dry sieved through a 5mm mesh.

Details recorded included TU number, soil texture, compaction, inclusions, moisture content, evidence for bioturbation and stratigraphic profile (A₁, A₂ and B profiles where present). The locations of each TU are documented in Table 3.5 and Figure 3.5.



Figure 3.5 Layout of test units subject to archaeological test excavation. (Source: SIXMaps with GML additions 2021)

Table 3.5 Location of Test Units Excavated and Artefact Count.

TU ID	Notes	Easting	Northings	Total Stone Objects
1	Not excavated. Offset to TU13 due to roots	337346	6263453	0
2		337325	6263421	0
3		337349	6263429	0
4		337316	6263406	0
5	Excavation stopped due to the identification of asbestos in the modern fill	337328	6263411	0
6	Excavation stopped due to the identification of asbestos in the modern fill	337337	6263415	0
7		337348	6263418	0
8		337356	6263420	0
9	Excavation stopped due to the identification of asbestos in the modern fill	337334	6263391	0
10	Excavation stopped due to the identification of asbestos in the modern fill	337347	6263387	0
11		337359	6263393	0
12		337365	6263395	0
13		337338	6263456	0
14		337340	6263435	0

TU ID	Notes	Easting	Northings	Total Stone Objects
15		337351	6263421	0
16				0
17	Excavation stopped due to the identification of potentially hazardous material in the modern fill	337323	6263484	0

3.5.2 Synopsis of Excavation Results

A total of 17 TU were excavated. Soils identified belonged to the Lambert soil landscape. No Aboriginal objects were recovered in any of the excavations.

All the soil profiles lacked a natural A₁ of the Lambert soil landscape, and very few had an intact A₂ Lambert horizon. This indicates that the absence of artefacts was likely due to the removal of the A₁ horizon and truncation and/or removal of the A₂ horizon. No intact or remaining archaeological deposits were identified across the site.

On this basis, the excavation demonstrated that PAD 45-6-4010 was not a PAD and had no archaeological deposits.

3.5.3 Soil Type, Integrity and Condition

Across the study area, the A₁ has been stripped and reintroduced. While there is limited evidence of this stripping in the historical aerials, the extent of it is evident across the excavation.

Soils observed in the area of testing can be categorised into four broad types (described in detail below).

The complete photographic records and context sheets showing the stratigraphy of each TU are included as Appendix B. Across the area tested, it was difficult to predict the soil profile. However, Type 1 is more likely to occur in areas near the established trees and away from garden beds and the Centre. The patterning of types 2, 3 and 4 is more difficult to determine.

The four soil types have been mapped Figure 3.6. Descriptions of soil profiles in individual TUs and an interpretation of integrity is provided in Table 3.6.

Table 3.6 Description of Soil Profiles in Individual Test Units and Interpretation of Integrity.

TU ID	Area Excavated (m ²)	Final Depth (cm)	Number of Spits	TU Description	Interpretation of Integrity	Soil Profile	Total Stone Objects
1	Not excavated			Relocated to TU13 due to tree roots	Highly disturbed		0
2	0.25	35	4	Rubble layer, containing sandstone pieces, glass and bricks, in a dark brown soil. Small lens of A ₂ which interfaced with a friable B horizon.	Highly disturbed	3	0
3	0.25	15	2	Imported A ₁ horizon and fill capping natural A ₂ horizon. Gradual transition to B horizon,	Intact soil deposits	1	0

TU ID	Area Excavated (m ²)	Final Depth (cm)	Number of Spits	TU Description	Interpretation of Integrity	Soil Profile	Total Stone Objects
				which contains large ironstone fragments.			
4	0.25	40	4	Imported A ₁ horizon that capped a layer of mixed and redeposited B horizon. Thin A ₂ horizon with gradual transition to B horizon.	Highly Disturbed	3	0
5	0.25	2	1	Excavation ceased due to asbestos	Highly Disturbed	4	0
6	0.25	10	1	Excavation ceased due to asbestos	Highly Disturbed	4	0
7	0.25	30	3	Imported A ₁ horizon and fill capping natural A ₂ horizon. Evidence of bioturbation from tree roots.	Intact soil deposits	1	0
8	0.25	22	5	Excavated in 5cm spits. Imported A ₁ horizon and fill capping B horizon. Plastic B horizon with sharp transition.	Highly Disturbed	2	0
9	0.25	2	1	Excavation ceased due to asbestos	Highly Disturbed	4	0
10	0.25	5	1	Excavation ceased due to asbestos	Highly Disturbed	4	0
11	0.25	27	3	Imported A ₁ horizon and fill capping B horizon. Plastic B horizon with sharp transition.	Highly Disturbed	2	0
12	0.25	55	6	Imported A ₁ horizon and fill capping overlaying mixed and redeposited B horizon with broken pipe and rubble.	Highly Disturbed	3	0
13	0.25	300	3	Imported A ₁ horizon and fill capping B horizon. Plastic B horizon with sharp transition	Highly Disturbed	2	0
14	0.25	15	2	Very small A ₁ overlaying natural A ₂ horizon. Evidence of bioturbation from tree roots.	Intact soil deposits	1	0
15	0.25	20	3	Imported A ₁ horizon and fill capping natural A ₂ horizon.	Intact soil deposits	1	0
16	0.25	20	2	Imported A ₁ horizon on stripped, compact B horizon with sharp transition.	Highly Disturbed	2	0

TU ID	Area Excavated (m ²)	Final Depth (cm)	Number of Spits	TU Description	Interpretation of Integrity	Soil Profile	Total Stone Objects
17	0.25	10	1	Excavation ceased due to contamination. Imported A ₁ horizon overlaying blueish grey gravel surface.	Highly Disturbed		0
TOTAL	4.25						0

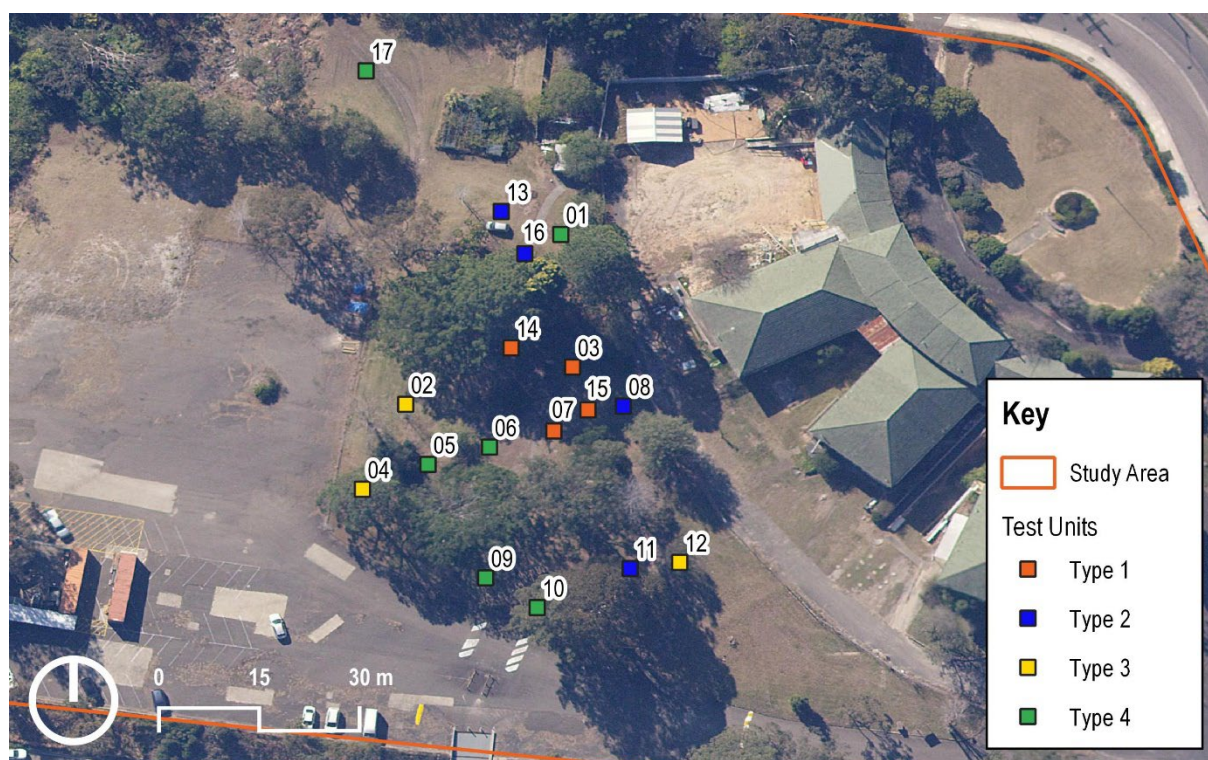


Figure 3.6 Layout of test units—colours indicate soil type. Test unit size not to scale. (Source: SIXMaps with GML additions 2021)

Type 1

Introduced loamy dark brown A₁ which overlays a sandy yellow clay A₂ containing ironstone and charcoal. This is consistent with descriptions of the Lambert soil landscape. The A₂ has a gradual transition to the yellow, friable B horizon (Table 3.7 and Figure 3.7).

Table 3.7 Type 1 Soil Profile—Detailed Description.

Spit	Depth (mm)	Soil Description
1	0–100	A ₁ horizon: introduced shallow horizon of dark yellowish brown (10YR 3/4) loose, loamy sand. Dense grass rootlets in top layer, with ironstone gravels throughout. Modern glass, brick and roof tile present throughout.
2	100–200	A ₂ horizon (Lambert 2)/B Horizon (Lambert 3): truncated horizon of brown (10YR 5/3) sandy clay with ironstone and charcoal inclusions. Loose deposits, becoming more compact with depth. Clay B horizon is a friable yellowish brown (10YR 5/6) with a short transition between A ₂ and B.

Spit	Depth (mm)	Soil Description
3	200–300	A ₂ horizon (Lambert 2)/B Horizon (Lambert 3): truncated horizon of brown (10YR 5/3) sandy clay with ironstone and charcoal inclusions. Loose deposits, becoming more compact with depth. Clay B-horizon is a friable yellowish brown (10YR 5/6) with a short transition between A ₂ and B.

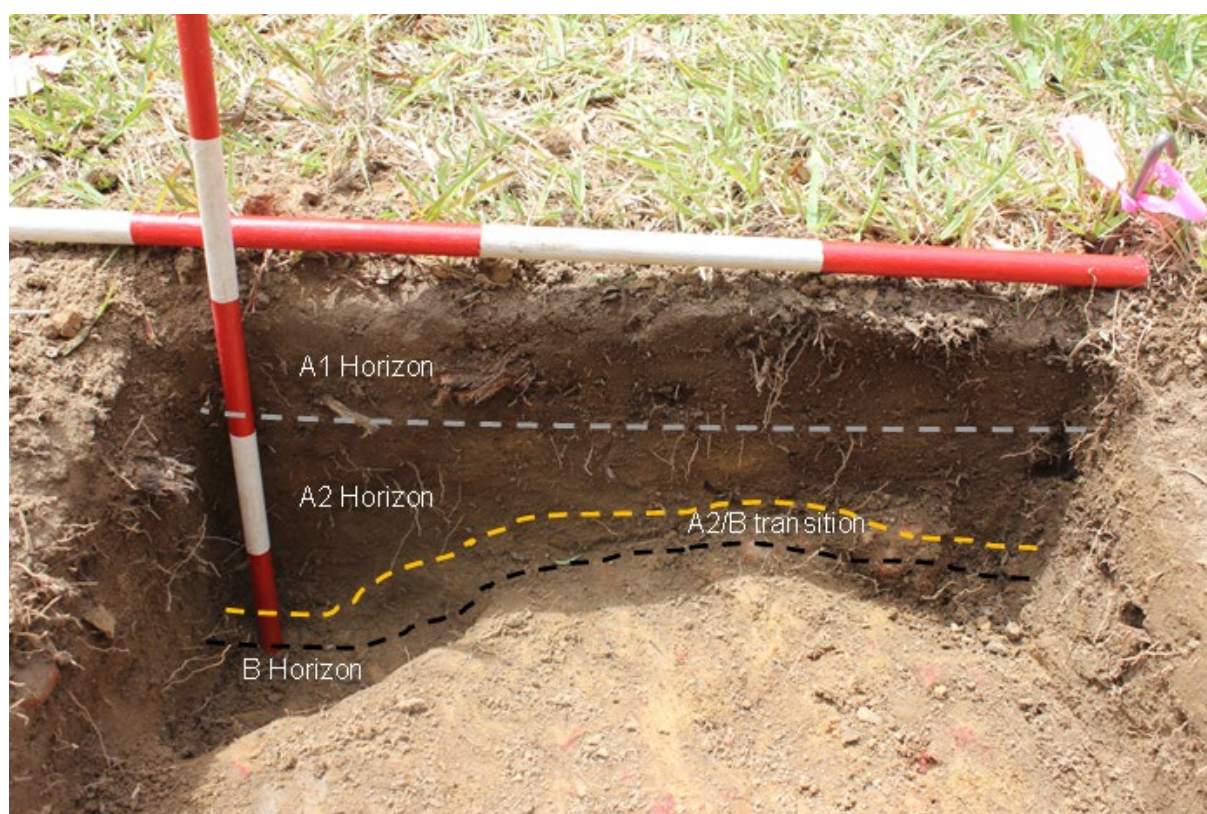


Figure 3.7 TU07, a characteristic Type 1 soil profile—scale bar segment is 100mm. (Source: GML 2021)

Type 2

Introduced loamy dark brown A₁ ~20cm in depth with a sharp transition to a compact yellow B horizon. Some pits had a small layer described as an A₂, which is the transition between the introduced A₁ and B horizon. A₁ often contained modern material such as glass, brick and roof tiles (Table 3.8 and Figure 3.8).

Table 3.8 Type 2 Soil Profile—Detailed Description.

Spit	Depth (mm)	Soil Description
1	0–100	A ₁ horizon: introduced shallow horizon of dark brown (10YR 3/3) loose, loamy sand. Dense grass rootlets in top layer, with ironstone gravels throughout. Modern glass, brick and roof tile present throughout.
2	100–200	A ₁ horizon: introduced shallow horizon of dark brown (10YR 3/3) loose, loamy sand. Dense grass rootlets in top layer, with ironstone gravels throughout. Modern glass, brick and roof tile present throughout.
3	200	B Horizon (Lambert 3): clay B-horizon is yellowish brown (10YR 5/6), more compact and has a plastic texture. Sharp transition between A ₁ and B horizon.



Figure 3.8 TU08, a characteristic Type 2 soil profile—scale bar segment is 100mm. (Source: GML 2021)

Type 3

Type 3 soils have been heavily disturbed. As such, there is variation across this type. Primarily it is an introduced loamy dark brown A₁ ~10cm that overlays a rubble layer of either redeposited B-horizon clay or a dark brown soil with fragments of sandstone. Beneath the rubble is a layer like the A₁, which then transitions to the yellow B horizon. Some TU within this type had a layer of intact A₂ which contained no artefactual material (Table 3.9, Figure 3.9 and Figure 3.10).

Table 3.9 Type 3 Soil Profile—Detailed Description.

Spit	Depth (mm)	Soil Description
1	0–100	A ₁ horizon: introduced shallow horizon of dark brown (10YR 3/3) loose, loamy sand. Dense grass rootlets in top layer, with ironstone gravels throughout. Modern glass, brick and roof tile present throughout.
2	100–200	A ₁ horizon: introduced shallow horizon of dark brown (10YR 3/3) loose, loamy sand. Dense grass rootlets in top layer, with ironstone gravels throughout. Modern glass, brick and roof tile present throughout.
3	200–300	A ₁ horizon, mixed B, A ₂ (Lambert 2) or B horizon (Lambert 3): <ul style="list-style-type: none"> • A₁ as above. • B horizon had been dug out from another area and redeposited onto truncated A₂. Mottled yellow and white basal clay. Contained service pipes, glass and brick. • truncated horizon of brown (10YR 5/3) sandy clay with ironstone and charcoal inclusions. Loose deposits, becoming more compact with depth. • clay B-horizon is yellowish brown (10YR 5/6), more compact and has a plastic texture. Sharp transition between A₁ and B horizon.

Spit	Depth (mm)	Soil Description
4	300–400	B horizon (Lambert 3): clay B-horizon is yellowish brown (10YR 5/6), more compact and has a plastic texture. Sharp transition between A ₁ and B horizon.



Figure 3.9 TU04, a characteristic Type 3 soil profile—scale bar segment is 100mm. (Source: GML 2021)



Figure 3.10 TU02, a characteristic Type 3 soil profile—scale bar segment is 100mm. (Source: GML 2021)

Type 4

Introduced loamy dark brown A₁ that contained asbestos in the first 10cm and was not excavated further (Table 3.10).

Table 3.10 Type 4 Soil Profile—Detailed Description.

Spit	Depth (mm)	Soil Description
1	0–100	A ₁ horizon: introduced shallow horizon of dark brown (10YR 3/3) loose, loamy sand. Dense grass rootlets in top layer, with ironstone gravels throughout. Modern glass, brick, roof tile and asbestos present throughout.
2		Not excavated.

3.5.4 Observed Landform and Aspect

The area originally identified as PAD 45-6-4010 sits on a flat landform, with views to Sydney Harbour. Archaeological test excavation confirmed the general disturbed nature of the study area. Landform modification has either removed or stripped remnant soils. Evidence of this is seen around the established tress which appear to have had a significant amount of soil removed from their bases (Figure 3.11). However, the larger landform patterning and the study area’s southern aspect (with views down to North Harbour) is still evident.



Figure 3.11 Established pine tree with raised area at base indicating significant soil removal from surrounding area. Photograph taken facing north. (Source: GML 2021)

3.6 Interpretation, Analysis and Discussion

The ridges of Allambie Heights landscape can contain First Nations archaeology. The initial assessment of the study area identified an elevated flat landform, potentially associated with a route downslope along a ridgeline. This location was suitable for activities which could have culminated in an archaeological signature. Archaeological test excavation has demonstrated there was an absence of cultural lithics or other evidence. This may be partly due to disturbance and loss of remnant soil horizons. In addition, it means this landform was not used in the way hypothesised. This outcome is important because the work undertaken is one of the first Aboriginal archaeological test excavations in this part of Sydney and provides data which can inform future studies.

3.6.1 Addressing the Research Questions

A set of research questions were outlined in the ARD. Given the study area does not contain an Aboriginal archaeological signature, the responses to these questions are summarised together rather than being addressed individually.

Research question 1 aimed to understand the soil landscapes across the study area. The Lambert soil profile is present in some locations across the study area. The study area is characterised by an imported A₁ horizon (~10cm), with no evidence of intact A₁ horizon present. This is potentially a result of the construction of the garden and the Centre. A₂ horizons appear to be predominantly stripped from the site or truncated where they remain present. Localised impact has resulted in varied soil profiles across the study area, indicating that the area has been heavily impacted.

Research questions 2 to 4 and 6 aimed to analyse the details of the archaeological deposits in the study area, and the nature of artefact assemblage. After the test excavation no deposits were found and therefore there is no data relevant to these questions.

Research question 5 address the interpretation of the results of test excavation in a regional context. Broadly speaking, the identified absence of archaeological materials during test excavation does not conform to the predictive model. It is likely that the ongoing cumulative impacts in the study area, including the construction of the Centre, the garden beds and the former garage tip, could have removed Aboriginal archaeology. In addition, perhaps this landform was not used in a way which resulted in the formation of a detectable archaeological deposit.

Research question 7 relates to future management of the archaeological resource within the study area. The results of the test excavation show that the identified PAD 45-6-4010 did not contain any archaeological deposit suitable for the preservation of First Nations archaeology.

Following the test excavation, we have submitted to AHIMS and Aboriginal Sites Impact Recording Form (ASIRF) with details of the work and confirmation that 45-6-4010 is not a site. This is provided in Appendix A.

3.7 Endnotes

- ¹ DECCW Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales (24 September 2010). Page 13
- ² 2010: Appendix A.
- ³ Wandsnider, L.A., and Camilli, E.L. 1992. The Character of Surface Archaeological Deposits and its Influence on Survey Accuracy. *Journal of Field Archaeological*. **19(2)**: 169-188; Fanning, P., and Holdaway, S. 2001. Stone Artefact Scatters in Western NSW, Australia: Geomorphic Controls on Artefact Size and Distribution. *Geoarchaeology: An International Journal*. 16(6): 667-686.
- ⁴ Department of Environment Climate Change and Water NSW, Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales, 2010, pp 24-25.
- ⁵ Department of Environment Climate Change and Water NSW, Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales, 2010, p 24.

Section 4 Consultation with the Local First Nations Community

4 Consultation with the Local First Nations Community

4.1 Introduction

First Nations community consultation is required for any assessment of First Nations heritage in order to make a valid assessment of First Nations (heritage) values—these include memories, stories and associations between First Nations people and their traditional lands or Country. First Nations people frequently express an enduring connection to Country, a connection that transcends generations, both past and present. The connection is frequently expressed as a sense of belonging that may manifest through physical objects or place; alternatively, it may be presented as an intangible idea, where an appreciation of an unseen quality or non-materialistic value connects a place in the landscape, tradition, observance, custom, lore belief and/or history to the person or group describing the item, event or value. The notion of intangible, social, or community values is essential to First Nations people as ‘the effective protection and conservation of this heritage is important in maintaining the identity, health and wellbeing of Aboriginal people’.¹

In order to gather social and community views and opinions with respect to First Nations heritage and identify and address First Nations heritage values, Heritage NSW requires proponents to adhere to Aboriginal cultural heritage consultation requirements for proponents 2010 (Consultation Guidelines).² In addition to providing a mechanism for engaging the First Nations community, the directives in the guidelines must be followed for any study that might eventually be used to support an application for an AHIP under Part 6 of the NPW Act.

GML recognises and acknowledges the continuing Indigenous ownership of the traditional knowledge, traditional cultural expressions, practices, innovations and intellectual property rights in the materials provided by First Nations and Indigenous people on which research and assessments in our reports may be based and endeavours to protect the privacy, integrity and wellbeing of participants in this research.

4.2 The Process of Consultation

The Consultation Guidelines set out a process involving identification, registration, engagement and consultation with First Nations peoples who may hold cultural knowledge relevant to determining the significance of an Aboriginal object and/or Aboriginal place.

Adherence with the Consultation Guidelines involves following a number of stages, including:

- 1—Informing First Nations people about the nature and scope of the proposal.
- 2—Understanding what might be present in the landscape and its cultural significance.
- 3—Determining the potential impacts and the proposed strategies to deal with them.
- 4—Reviewing the report.³

As part of this process, First Nations groups are invited to register interest as a party to consultation. This includes placing local press advertisement(s), seeking responses from the RAPs on the proposed

archaeological assessment methodology and giving RAPs opportunity to comment on the assessment reports and recommendations provided to them. The guidelines specify timeframes for each stage of the consultation process. Further details pertaining to these stages are described below.

The First Nations community consultation for this project has been carried out in accordance with the Consultation Guidelines. This section contains specific details of First Nations community consultation with regard to the heritage assessment of the study area.

The complete log of all communications between GML and RAPs and all letters, responses and details pertaining to this consultation are provided in Appendix A.

4.2.1 Stage 1: Notification of Project

The aim of Stage 1 is to 'identify, notify and register Aboriginal people who hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or places in the area of the proposed project'.⁴ The identification process involves:

- sending letters to select government agencies to determine relevant First Nations stakeholder groups to contact; and
- placing notices in local press to invite First Nations people who hold relevant cultural knowledge to register in the process of community consultation.

A letter notifying all First Nations people and the Metropolitan Local Aboriginal Land Council (MLALC) about the proposed project must be sent to each individual and group identified through the above stages. Aboriginal people have a minimum of 14 days after the letter is sent or the notice published in the newspaper to register an interest in the project.

The outcome of Stage 1 is a list of First Nations people who have registered to be involved in consultation. These are the project's RAPs. The RAPs are to be involved for the remainder of the project life cycle; consultation with First Nations groups or persons outside of RAPs is not required.

Letters requesting contact details for First Nations people or organisations who might hold cultural knowledge and/or be able to identify heritage issues relevant to the study area were sent via email on 3 September 2021 to:

- Heritage NSW;
- MLALC;
- Office of The Registrar, Aboriginal Lands Right Act 1983;
- National Native Title Tribunal;
- Native Titles Service Corporation;
- Northern Beaches Council; and
- the Greater Sydney Catchment Management Authority (Greater Sydney Local Land Service).

Responses were received from the following groups:

- Heritage NSW
- National Native Title Tribunal (NNTT)

- the Greater Sydney Catchment Management Authority (Greater Sydney Local Land Service).

Those First Nations people who were identified during the notifications were contacted via letter on 9 September 2021, providing information regarding the project and inviting them to register an interest. A notification was also placed on BuySearchSell.com on 17 September 2021, inviting registrations of interest by First Nations people with cultural knowledge relevant to the study area.

The Project's Registered Aboriginal Parties

In line with the outcomes of Stage 1 as set out by the Consultation Guidelines the project's RAPs are:

- A1 Indigenous Services;
- Butucarbin Aboriginal Corporation;
- Darug Custodian Aboriginal Corporation;
- Didge Ngunawal Clan;
- Kamilaroi Yankuntjatjara Working Group;
- MLALC; and
- Tocomwal

A copy of the notification and the details of registered First Nations parties were provided to Heritage NSW and MLALC on 5 October 2021.

4.2.2 Stage 2: Presentation of Information

A letter has been sent to all RAPs informing them of the project outline, project impacts, timeline and milestones of the project. Included was a methodology for undertaking the project's assessment and a request for any information on culturally sensitive areas of local traditional knowledge relating to the study area. Stage 2 allowed 28 days for the RAPs to respond.

Each RAP group was provided with written details of the proposed project and a survey/ test excavation sampling strategy (by post and email) between 5 October and 2 November 2021. All other stakeholders agreed to the proposed methodology.

Further details of the First Nations consultation undertaken for the study area are provided in Appendix C.

Test Excavation

Test Excavation for the assessment was undertaken between 22 November and 24 of November 2021 and included representatives from Tocomwal, the Kamilaroi Yankuntjatjara Working Group (KYWG) and MLALC. A total of five local First Nations community representatives participated in test excavations, with three representatives present on site each day. Representatives included:

- John Phillips—Tocomwal;
- Jamie Currell—KYWG;
- Korri Currell—KYWG;
- Adam Gunther—KYWG; and

- Kevin Telford—the MLALC

The test excavation aimed to:

- identify the nature and extent of First Nations archaeological deposits within the study area;
- ground-truth the predictive model described in the test excavation methodology; and
- ground-truth the desktop assessment of historical disturbance and integrity of the area.

Results of the test excavation are discussed in detail in Section 3 of this report.

During the test excavation GML archaeologists discussed local First Nations heritage values and patterning with the community representatives to assist in understanding some local intangible values.

All participants were involved in determining the potential archaeological extent of the site. At the completion of the test excavation an open discussion was held, during which the archaeological potential and further archaeological investigation were discussed and agreed upon by all present. The outcomes of this consultation underwrite this heritage assessment.

4.2.3 Stage 3: Gathering Information

During the assessment process we discussed local First Nations heritage values, places and sites with the community representatives. This provided an understanding of the local perspective on First Nations habitation and subsistence patterns; as well as understanding some local intangible values and connection with the cultural landscape.

A summary of heritage aspects and values identified by the local First Nations community are summarised in Table 4.1. and Table 4.2 summarises how these submissions have been addressed or incorporated into this assessment.

Table 4.1 RAP Comments during Consultation with Respect to Cultural Heritage Values within or associated with the Study Area.

#	RAP	Date of Submission	Comment
1	Kevin Telford (MLALC)	24 November 2021	Allambie Road sits on a traditional walking route that would have also been utilised by kangaroos as it sits along a ridge. This is also evident in the rock engraving to the south of the study area.
2	Kevin Telford (MLALC)	24 November 2021	On clear days prior to 1788, from the study area one could see down to North Harbour.

Table 4.2 GML Responses to RAP Comments Made during Consultation.

#	GML's Response
1	This has been noted and integrated into the assessment of the study area.
2	This has been noted and integrated into the assessment of the study area.

4.2.4 Stage 4: Review of Draft Report

Following preparation of the draft ACHAR, the RAPs were provided a minimum review period of four weeks to read and comment on the report. All community comments received have been summarised in Table 4.3, and written responses are included in Appendix B. If required, action and response to each comment has been undertaken and is detailed in Table 4.4.

Table 4.3 RAP comments on the draft ACHAR.

#	RAP	Comment
1		
2		
3		
4		
5		

Table 4.4 GML responses to RAP comments to the draft ACHAR.

#	GML's response
1	
2	
3	
4	
5	

4.3 Summary of First Nations Cultural Values Identified

The process of First Nations consultation has identified there are no tangible sites with heritage value and limited social connections between the local First Nations community and the study area. The outcomes of First Nations consultation have informed the process of heritage identification, values assessment and associated heritage policy development.

4.4 Requirements for Future First Nations Consultation

Heritage NSW has defined a number of stages during the First Nations consultation process. The following table provides a synopsis of the process to date.

Table 4.5 Cultural Heritage Assessment Program Synopsis—Progress to Date.

Stage	Status
Write to statutory bodies to obtain contact details for First Nations people who may have an interest in the project.	Complete

Stage	Status
Write to identified First Nations people, inviting them to register an interest in the project.	Complete
Place an advertisement in local print media inviting First Nations people with cultural knowledge of the area to register an interest in the project.	Complete
Proponent records names of First Nations people who have registered an interest in the project.	Complete
Proponent advises Local Aboriginal Land Councils (LALC) and Heritage NSW of RAPs' details (subject to privacy requests).	Complete
Proponent presents information regarding proposed project to RAPs.	Complete
Proponent provides methodology for the cultural heritage and archaeological assessment to RAPs.	Complete
RAPs invited to provide input for the assessment methodology.	Complete
RAPs invited to identify: <ul style="list-style-type: none"> • whether any First Nations objects of cultural value are present within the study area; and • whether any places of cultural value are present within the study area. 	
RAPs invited to comment on potential management outcomes.	
Proponent prepares draft ACHAR and provides to RAPs for comment.	
RAPs provide comment and proponent incorporates comments into final ACHAR.	
Final ACHAR (and AHIP application) provided to RAPs, LALC and Heritage NSW.	

Future consultation that should be undertaken with the RAPs includes:

- sending copies of the draft report to all registered First Nations groups.
- sending copies of the final report to all registered First Nations groups.
- consultation in relation to any future work relating to the First Nations archaeological mitigation, or any significant changes to the development.

4.5 Endnotes

- ¹ Department of Environment, Climate Change and Water 2010, Aboriginal cultural heritage consultation requirements for proponents 2010, Sydney.
- ² Department of Environment, Climate Change and Water 2010, Aboriginal cultural heritage consultation requirements for proponents 2010, Sydney.
- ³ List taken from Department of Environment, Climate Change and Water 2010, Aboriginal cultural heritage consultation requirements for proponents 2010, Sydney, p 10.
- ⁴ Department of Environment, Climate Change and Water 2010, Aboriginal cultural heritage consultation requirements for proponents 2010, Sydney, p 10.

Section 5

Investigations into First Nations Heritage

5 Investigations into First Nations Heritage

5.1 Ethnographic Survey

During the testing program, The Centre was a prominent feature in the landscape. None of the RAPs on site were aware of First Nations children taking up residency in the Centre. However, they stated that they would not be surprised if there were. Further research has not provided evidence of any connections between the local Aboriginal community and The Centre.

5.2 Aesthetic Aspects

There are limited AHIMS sites recorded near the study area. The closest is a rock engraving of a kangaroo, 45-6-0905 (Figure 5.1). This rock engraving runs parallel to Allambie Road and the kangaroo head points towards the study area and between the two hilltops beyond. On-site discussions surrounding this rock engraving have led to the conclusion that it signifies kangaroos frequently using the ridge line as a path, which also formed a traditional walking route.

It was noted by one RAP that prior to invasion and the development of Allambie Heights, one would have been able to see (what is now) North Harbour from the study area. While undertaking the test excavation, the Sydney Harbour Bridge could occasionally be seen. Other parts of Port Jackson could also potentially be viewed from the study area without modern pollution and development.



Figure 5.1 Rock engraving 45-6-0905, which is in vicinity of the study area. (Source: GML 2021)

5.3 Contemporary Archaeology

While conducting the survey, First Nations graffiti was identified on the exterior of the Centre, which reads “BUSTA” (facing Allambie Road) (Figure 5.2). Graffiti has been used for centuries to claim space and within the context of modern Australia, First Nations graffiti demonstrates identity.¹ The motif of the Aboriginal flag in graffiti is used widely and not only states “I was here” but also “I was here first”.² This artwork likely represents the First Nations community living around the study area and is a reclamation of space. The position facing Allambie Road means that it is seen by traffic and pedestrians accessing Allambie Heights. Discussions on site with RAPs included whether any residents were First Nations. At this stage there are no know links.



Figure 5.2 First Nations graffiti on the Centre, facing northwest. (Source: GML 2021)

5.4 Traditional Connections

During the site inspection in 2020 and again during the survey and test excavation in 2021, Kevin Telford (MLALC) identified that Allambie Road runs along a ridge line which leads into North Harbour. This ridge line was a former traditional walking route and would have been heavily utilised. This is further supported by the rock engraving 45-6-0905, which runs parallel to the road.

5.5 Endnotes

- ¹ Edmonds, F, 2012, 'Making murals, revealing histories: Murals as an assertion of Aboriginality in Melbourne's inner north', *Urban Representations*, AIATSIS, Canberra, pp 21–22.
- ² Dewar, C, 2010, *Uncommissioned Art- An A-Z of Australian Graffiti*, Miegunyah Press, Melbourne, p 104.

Section 6 First Nations Heritage Significance Assessment

6 First Nations Heritage Significance Assessment

The best practice guide to managing heritage places is the Burra Charter. It defines cultural significance as:

Cultural significance means aesthetic, historic, scientific, social or spiritual value for past, present or future generations. Cultural significance is embodied in the place itself, its fabric, setting, use, associations, meanings, records, related places and related objects. Places may have a range of values for different individuals or groups.

An assessment of aesthetic and social/spiritual values of First Nations cultural significance can only be made by the relevant First Nations community because First Nations people are the primary source of information about their cultural heritage values. Consulting with First Nations people at an early stage of the assessment process ensures they have opportunities to fulfil their heritage obligations. First Nations people must have control of their cultural knowledge and how it is used and shared. Restriction of cultural knowledge may be an important part of the value of the cultural knowledge. Management of impacts to First Nations cultural heritage values must involve the relevant First Nations people to ensure appropriate management is undertaken in accordance with the cultural heritage values.¹

In line with the Burra Charter's four principal values (social, historical, scientific and aesthetic) and the NSW Heritage Office's publication *Assessing Heritage Significance*,² four assessment criteria can be used to assess the First Nations heritage values of a study area.³ The four criteria are:

- Social value:⁴ 'an item has strong or special association with a particular community or cultural group in NSW (or the local area) for social, cultural or spiritual reasons';
- Historic value:⁵ 'an item is important in the course, or patterning, of NSW's cultural or natural history (or cultural or natural history of the local area)';
- Aesthetic value:⁶ 'an item is important in demonstrating aesthetic characteristics and/or a high degree of creative or technical achievement in NSW (or the local area)'; and
- Scientific value:⁷ 'an item has potential to yield information that will contribute to an understanding of NSW's cultural or natural history (or the cultural or natural history of the local area)'.

Consultation with the RAPs, investigation into the background history of the study area and local region, the field inspection and archaeological excavations have facilitated the development of an understanding of the key social, historic and scientific values associated with the sites and objects within the study area. Following OEH 2011,⁸ values are graded in accordance with a basic ranking of high, moderate or low. The ranking is based upon the research potential, representativeness, rarity and educational potential of each value. The grading is stated at the end of each value assessment below.

6.1 Significance Assessment

6.1.1 Social Value

During consultation, the First Nations community determined that the study area has low social value significance. Association is drawn to the wider cultural landscape and connection between this location and the nearby traditional rock engraving of a kangaroo (AHIMS 45-6-0905), located southeast of the study area, on a traditional walking route along what is now Allambie Road. The community representatives also commented on the presence of a recent art installation on an extant building, although no artist attribution or specific messaging could be drawn for the piece.

6.1.2 Historical Value

The study area has no historical value. The study area does not meet this criterion.

6.1.3 Scientific Value

The study area has no scientific value. The study area does not meet this criterion.

6.1.4 Aesthetic Value

The study area has no aesthetic value. The study area does not meet this criterion.

6.2 Statement of Significance

The study area holds low social value to the local First Nations community because of the close vicinity to a traditional rock engraving and the traditional walking route on Allambie Road. Pre-1788, the study area could have had a clear view of the coastline and may have been used as a viewing corridor, although this view corridor extends across the wider landform. The study area has no identified historical, scientific or aesthetic value.

An overview of how these cultural values are manifest within the study area is presented in Table 6.1.

Table 6.1 Summary of First Nations cultural heritage values.

Value	Manifest Through	Grade of Significance
Social	Association with nearby rock engraving and a traditional walking route.	Low
Historic	N/A	No
Scientific	N/A	No
Aesthetic	N/A	No

6.3 Endnotes

- ¹ Department of Environment, Climate Change and Water 2010, Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010, Department of Environment, Climate Change and Water, p 2.
- ² NSW Heritage Office 2001, Assessing Heritage Significance, NSW Heritage Office, Sydney.
- ³ Office of Environment and Heritage 2011, Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW, Office of Environment and Heritage, Sydney; this guide provides a background for undertaking an Aboriginal cultural heritage values assessment in accordance with the Burra Charter and NSW Heritage Office's Assessing Heritage Significance 2001. The approach recommended by the OEH has been adhered to for this report.
- ⁴ NSW Heritage Office 2001, 'Criteria D' in Assessing Heritage Significance, NSW Heritage Office, Sydney.
- ⁵ NSW Heritage Office 2001, 'Criteria A' in Assessing Heritage Significance, NSW Heritage Office, Sydney.
- ⁶ NSW Heritage Office 2001, 'Criteria C' in Assessing Heritage Significance, NSW Heritage Office, Sydney.
- ⁷ NSW Heritage Office 2001, 'Criteria E' in Assessing Heritage Significance, NSW Heritage Office, Sydney.
- ⁸ Office of Environment and Heritage 2011, Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW, Office of Environment and Heritage, Sydney.

Section 7 The Proposed Project Activity

7 The Proposed Project Activity

This section provides a description of the proposed project activity, timing for the activity, First Nations values that may be harmed (directly or indirectly by the activity) and the objectives of the proposed activity. First Nations heritage management policy has been developed to guide and minimise impacts to First Nations heritage values.

7.1 The Proposed Project Activity

Schools Infrastructure NSW propose to undertake the building of the new Forest High School within the study area—the proposed activity is shown in Figure 7.1.

The objectives of the proposed activity are:

- construction of a high school to accommodate 1500 students; and
- development of a synthetic grass sports field.

Schools Infrastructure NSW intend to commence the proposed activity in 2022.



Figure 7.1 Draft site plan for the Forest High School Relocation Project. (Source: Schools Infrastructure, 2021)

7.2 Harm to First Nations Objects and Values

The assessment of First Nations heritage has identified there are no specific Aboriginal items, places, or sites connected with the study area. No ‘harm’ would occur to First Nations cultural heritage, either directly or indirectly as a consequence of the redevelopment. Consultation undertaken with the local First Nations community for this report has indicated that the study area has low social value to the First Nations community.

7.2.1 Unexpected Find Procedure

The study area has been assessed as holding no First Nations archaeological potential and no Aboriginal objects were recovered from fill during the program of archaeological test excavation.

There are no further archaeological requirements for further testing and/or salvage excavation to mitigate or offset the proposed works. However, an Unexpected Finds Protocol should be implemented in case unexpected Aboriginal objects are identified during the works. This should include instructions about when to halt work and consult either Heritage NSW, the MLALC and/or an archaeologist qualified in Aboriginal archaeology. All site workers should be made aware of the protocol and the need to stop work in the advent of unexpected archaeological finds.

7.3 First Nations Heritage—Recommendations and Conclusions

Based upon the finding of this work, the following heritage management recommendations are made:

- this report should be issued to all RAPs, MLALC and Heritage NSW;
- an unexpected finds produce should be put in place prior to any site works commencing.

Whilst not a heritage recommendation, it is suggested that a mural recognising First Nations peoples could be installed on one of the new school buildings. Consultation with the MLALC could assist in developing a brief and identifying an appropriate Aboriginal artist. The school could also undertake for First Nations recognition through development of a short academic module, which focuses on local rock art. Use of the nearby engraved art site 45-6-4010 would be suitable for such recognition; again such development should occur in collaboration with the MLALC.

Appendices

Appendices

Appendix A

AHIMS Search Results

Appendix B

Test Excavation Records

Appendix C

First Nations Community Consultation Logs

Appendix D

Archaeological Research Design

Appendix A

AHIMS Search Results



Aboriginal Site Recording Form

AHIMS Registrar
PO Box 1967, Hurstville 2220 NSW

AHIMS site ID:

Date recorded:

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
<input type="text" value="Ms."/>	<input type="text" value="Holm"/>	<input type="text" value="Talei"/>

Organisation:

Address:

Phone: E-mail:

Site Context Information

Land Form Pattern: Land Use:

Land Form Unit: Vegetation:

Distance to Water (m): Primary Report:

How to get to the site:

Other site information:

Site location map



Site contents information

open/closed site:

Open

Site condition:

Disturbed

Features:

1.

Number of features

Length of feature(s) extent (m)

Width of feature (s) extent (m)

Scarred Trees

Scar Depth (cm)

Regrowth (cm)

Scar shape

Tree Species

Description:

Features:

2.

Number of features

Length of feature(s) extent (m)

Width of feature (s) extent (m)

Scarred Trees

Scar Depth (cm)

Regrowth (cm)

Scar shape

Tree Species

Description:

Features:

3.

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

Scarred Trees			
Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Description:

Features:

4.

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

Scarred Trees			
Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Description:

Features:

5.

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

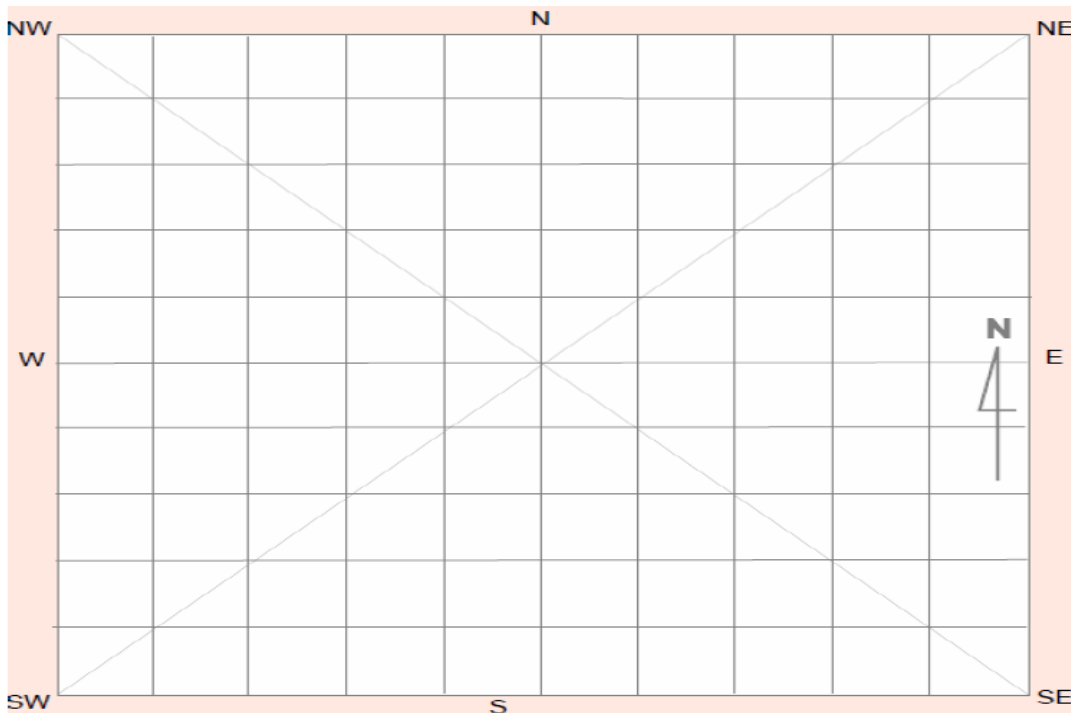
Scarred Trees			
Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Description:

Other Site Info:

Archaeological test excavation determined the PAD not to be a site.

Site plan



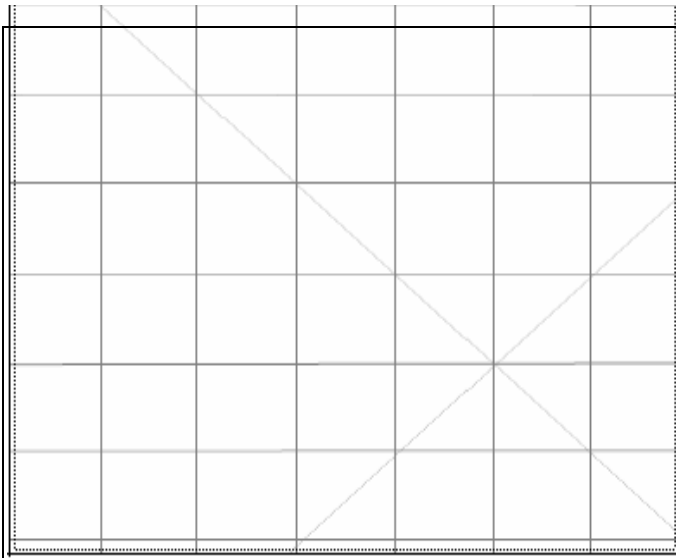
Site photographs



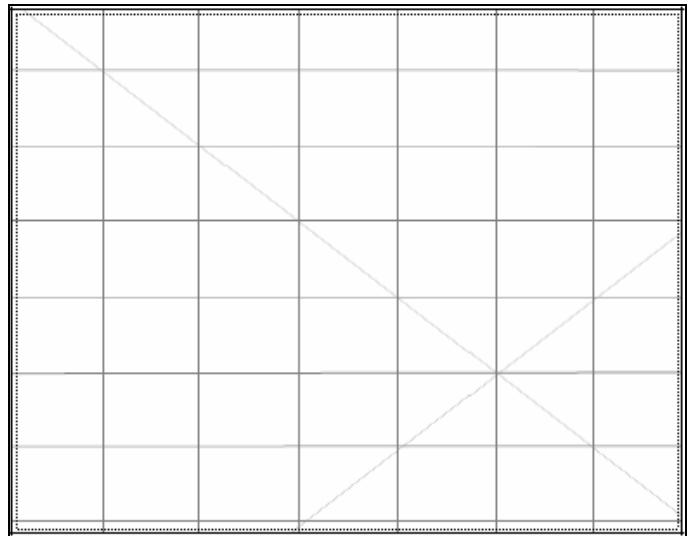
Description:



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:

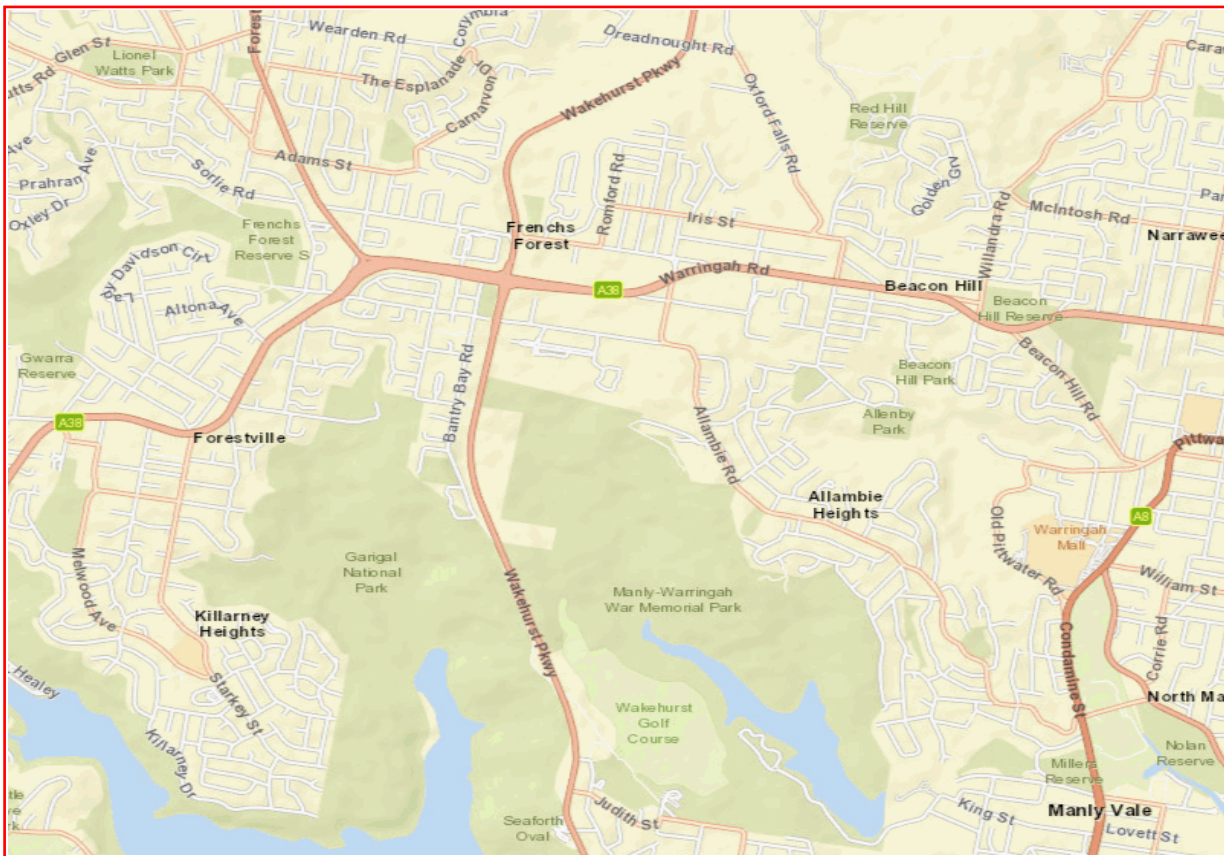
GML Heritage Pty Ltd - Surry Hills
 Level 6 372 Elizabeth Street
 Surry Hills New South Wales 2010
 Attention: Andie Coulson
 Email: andiec@gml.com.au

Date: 01 September 2021

Dear Sir or Madam:

AHIMS Web Service search for the following area at Lat, Long From : -33.7808, 151.2091 - Lat, Long To : -33.7408, 151.2723, conducted by Andie Coulson on 01 September 2021.

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 Heritage NSW AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

100	Aboriginal sites are recorded in or near the above location.
0	Aboriginal places have been declared in or near the above location. *

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

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

Important information about your AHIMS search

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



SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-2589	Brentwood Place;Frenchs Forest;	AGD	56	336929	6264622	Closed site	Valid	Art (Pigment or Engraved) : -, Artefact : -	Shelter with Art,Shelter with Deposit	
	Contact	Recorders	Michael Guider					Permits		
45-6-2360	Flat Rock Track 1	AGD	56	334210	6261160	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	2442
	Contact	Recorders	Val Attenbrow,A Acrot,F Tighe					Permits		
45-6-2361	Flat Rock Track 3	AGD	56	334180	6261120	Open site	Valid	Shell : -, Artefact : -	Midden	2442
	Contact	Recorders	Val Attenbrow,A Acrot,F Tighe					Permits		
45-6-2371	Perfect shell shelter;	GDA	56	334200	6260945	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	2047
	Contact	Recorders	Val Attenbrow					Permits		
45-6-2376	SSM 22563;	GDA	56	334390	6260930	Open site	Valid	Shell : -, Artefact : -	Midden	2047
	Contact	Recorders	Val Attenbrow					Permits	844	
45-6-2274	Frenchs Forest - (refer to 45-6-1273)	AGD	56	337195	6264955	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Mr.Phil Hunt,Melanie Kennedy					Permits		
45-6-1089	Frenchs Forest;Dee Why;	AGD	56	339117	6264497	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1891
	Contact	Recorders	Mr.R Taplin					Permits		
45-6-2044	Bantry bay 3;	AGD	56	336210	6260650	Open site	Valid	Artefact : -	Open Camp Site	1809
	Contact	Recorders	Michael Guider					Permits		
45-6-2045	Bantry bay 4;	AGD	56	336210	6260690	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	Contact	Recorders	Michael Guider					Permits		
45-6-2046	Bantry bay 5;	AGD	56	336210	6260780	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809,102473
	Contact	Recorders	Michael Guider					Permits		
45-6-0689	Frenchs Forest;Allambie Road;	AGD	56	338536	6261528	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		
45-6-0695	Beacon Hill;Frenchs Forest;	AGD	56	338924	6263338	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Unknown Author					Permits		
45-6-0699	Frenchs Forest;Flat Rocks;	AGD	56	338850	6261534	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Lisa Campbell					Permits		
45-6-0700	Beacon Hill;Frenchs Forest;	AGD	56	339327	6263177	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	

Report generated by AHIMS Web Service on 02/12/2020 for Talei Holm for the following area at Lat, Long From : -33.7807, 151.2091 - Lat, Long To : -33.7408, 151.2723 with a Buffer of 0 meters. Additional Info : DD SI. Number of Aboriginal sites and Aboriginal objects found is 100

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.

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Ms.Lisa Campbell					Permits		
45-6-0702	Frenchs Forest;	AGD	56	339173	6264053	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Lisa Campbell					Permits		
45-6-2047	Bantry bay 6;	AGD	56	336210	6260820	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact	Recorders	Michael Guider					Permits		
45-6-2048	Bantry bay 7;	AGD	56	336250	6260990	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,102473
	Contact	Recorders	Michael Guider					Permits		
45-6-2049	Bantry bay 1;	AGD	56	336490	6260580	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,102473
	Contact	Recorders	Michael Guider					Permits		
45-6-2050	Bantry bay 8;	AGD	56	336190	6261020	Closed site	Valid	Art (Pigment or Engraved) : -, Shell : -, Artefact : -	Shelter with Art,Shelter with Midden	1809
	Contact	Recorders	Michael Guider					Permits		
45-6-2051	Bantry bay 9;	AGD	56	336130	6261170	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,102473
	Contact	Recorders	Michael Guider					Permits		
45-6-2052	Bantry bay 10;	AGD	56	336090	6261270	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809,102473
	Contact	Recorders	Michael Guider					Permits		
45-6-2053	Bantry bay 11;	AGD	56	336090	6261290	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	Contact	Recorders	Michael Guider					Permits		
45-6-2067	Foot Cave;	GDA	56	335840	6262810	Closed site	Valid	Art (Pigment or Engraved) : -, Shell : -, Artefact : -	Shelter with Art,Shelter with Midden	1809,102473
	Contact	Recorders	Michael Guider,Mr.Phil Hunt					Permits		
45-6-2073	Echidna cave;	GDA	56	335993	6262331	Closed site	Valid	Artefact : -, Art (Pigment or Engraved) : -	Rock Engraving,Shelter with Deposit	1809,102473
	Contact	Recorders	Michael Guider					Permits		
45-6-1255	Allambie Heights;	AGD	56	338287	6261912	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		
45-6-1275	Belrose;	AGD	56	337270	6264946	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-1129	Lindfield;Midden Joined Cave;	GDA	56	334400	6260900	Closed site	Valid	Shell : -, Artefact : -	Midden,Shelter with Midden	
	Contact	Recorders	ASRSYS					Permits		
45-6-1130	Lindfield;	GDA	56	334449	6260815	Open site	Valid	Shell : -, Artefact : -	Midden	
	Contact	Recorders	ASRSYS					Permits		
45-6-1373	French Trig;	GDA	56	335500	6264710	Open site	Not a Site	Artefact : -	Not an Aboriginal Site	
	Contact	Recorders	Mr.Phil Hunt,M Young					Permits		
45-6-0634	French's Forest;Bantry Bay;	AGD	56	334607	6261622	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Unknown Author					Permits		
45-6-0637	Bantry Bay;French's Forest	GDA	56	335301	6261930	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	102473
	Contact	Recorders	Unknown Author					Permits		
45-6-0638	Frenchs Forest;Bantry Bay;	AGD	56	335071	6262011	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Unknown Author					Permits		
45-6-0655	Frenchs Forest;Bantry Bay Road;	GDA	56	336415	6262272	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	2183,2184,102473
	Contact	Recorders	Alexandra Kelly					Permits	347	
45-6-2093	Anadara cluster	GDA	56	334200	6260948	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact	Recorders	Val Attenbrow,K Cutmore					Permits		
45-6-2402	Maillolo Engraving;	AGD	56	338209	6263722	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Janice Cawthorn					Permits		
45-6-2165	Lens in bank;	GDA	56	334326	6260947	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact	Recorders	Val Attenbrow,K Cutmore					Permits		
45-6-2166	Leaning casuarina	GDA	56	334350	6260950	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact	Recorders	Val Attenbrow,K Cutmore					Permits		
45-6-2177	Malinya Rd;	AGD	56	339052	6261610	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Michael Guider					Permits		
45-6-2182	Bluff Track;	GDA	56	335906	6262366	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	102473
	Contact	Recorders	Michael Guider					Permits		
45-6-2205	Magazine Track 1;	AGD	56	335970	6260650	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	102473

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Michael Guider					Permits		
45-6-2043	Bantry bay 2;	AGD	56	336430	6260710	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	Contact	Recorders	Michael Guider					Permits		
45-6-0745	Beacon Hill;	AGD	56	338216	6263740	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	2212
	Contact	Recorders	R.H Mathews					Permits		
45-6-0752	Beacon Hill;	AGD	56	338105	6263805	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		
45-6-0753	Beacon Hill;	AGD	56	338077	6263821	Open site	Valid	Art (Pigment or Engraved) : -, Grinding Groove : -, Water Hole : -	Axe Grinding Groove,Rock Engraving,Water Hole/Well	2212
	Contact	Recorders	ASRSYS					Permits		
45-6-0114	Dee Why;Manly Cove;	AGD	56	339360	6264365	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	R.H Mathews					Permits		
45-6-0115	Dee Why;Parr Parade;	AGD	56	339374	6264362	Open site	Valid	Art (Pigment or Engraved) : -, Grinding Groove : -	Axe Grinding Groove,Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0116	Dee Why;Narraweena (Manly Cove);	AGD	56	339154	6264446	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0053	Dee Why.	AGD	56	338807	6264602	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Lisa Campbell,Mr.Paul Irish					Permits		
45-6-0934	Belrose; Warr-223B	AGD	56	338249	6264513	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1989,4422
	Contact	Recorders	ASRSYS					Permits	175	
45-6-0963	Frenchs Forest;	AGD	56	336920	6261140	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	254,102473
	Contact	Recorders	Mary Dallas Consulting Archaeologists (MDCA),Mr.R Taplin					Permits		
45-6-0130	Campbell;Belrose;Wheeler Creek;	AGD	56	339429	6264392	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		
45-6-0662	Frenchs Forest;Bantry Bay;Wakehurst Parkway;	AGD	56	336498	6261705	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	102473
	Contact	Recorders	Unknown Author					Permits		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-0667	Frenchs Forest;Curl Curl Creek;	AGD	56	336923	6262388	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	2988
	Contact									
	Recorders			Unknown Author				Permits		
45-6-0668	Allambie Heights Warringah Rd Allambie Rd	GDA	56	337740	6263515	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1043,102261
	Contact									
	Recorders			Mr.Phil Hunt,Mr.Bob Conroy				Permits	57,727	
45-6-0669	Seaforth;Wakehurst Golf Club	GDA	56	337470	6261425	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	254
	Contact									
	Recorders			Mr.Phil Hunt				Permits		
45-6-0670	Seaforth;Wakehurst Golf Club;	AGD	56	337394	6260981	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	254
	Contact									
	Recorders			D Beasley				Permits		
45-6-0671	Seaforth;Wakehurst Golf Club;	AGD	56	337444	6260962	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	254
	Contact									
	Recorders			D Beasley				Permits		
45-6-0672	Seaforth;Wakehurst Golf Club;	AGD	56	337462	6261082	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	254
	Contact									
	Recorders			D Beasley				Permits		
45-6-0881	Allambie Heights;	AGD	56	338315	6262166	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders			Charles.D Power				Permits		
45-6-0884	Middle Harbour Creek;East Lindfield;Switching Station Shelter;dredged shell;	AGD	56	336895	6261078	Open site	Valid	Shell : -, Artefact : -	Midden	2047
	Contact									
	Recorders			Val Attenbrow				Permits		
45-6-0899	Balgowlah;Bantry;	AGD	56	336853	6261025	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	102473
	Contact									
	Recorders			D Beasley				Permits		
45-6-0904	Allambie Heights;	AGD	56	338268	6262167	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders			ASRSYS				Permits		
45-6-0905	Sunnyfield Home;Allambie Heights;	AGD	56	337349	6263012	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders			ASRSYS				Permits		
45-6-0824	Frenchs Forest;	AGD	56	338106	6263804	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders			Mr.John Clegg				Permits		
45-6-0010	French's Forest 1;	GDA	56	335948	6262438	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	667
	Contact									
	Recorders			Ms.Janice Cawthorn,Mr.R Taplin				Permits		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-0011	French's Forest;Kangaroo Site	GDA	56	335806	6262583	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	667,1970,102473
	Contact	Recorders	Michael Guider,Mr.Phil Hunt					Permits		
45-6-0012	French's Forest;	GDA	56	335825	6262306	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	102473
	Contact	Recorders	Jim Specht					Permits		
45-6-0013	French's Forest;Bates Creek;	AGD	56	335921	6261397	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	102473
	Contact	Recorders	Jim Specht					Permits		
45-6-0014	French's Forest;Main Creek West;	AGD	56	335921	6261397	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	667
	Contact	Recorders	Jim Specht					Permits		
45-6-0015	French's Forest;Main Creek;	AGD	56	335921	6261397	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	667
	Contact	Recorders	Jim Specht					Permits		
45-6-0016	French's Forest;Bates Creek South;Bates Creek;	AGD	56	335921	6261397	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	667
	Contact	Recorders	Jim Specht					Permits		
45-6-0017	French's Forest;Seaforth;	AGD	56	336295	6260947	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	667
	Contact	Recorders	Jim Specht					Permits		
45-6-1002	Balgowlah;	AGD	56	336873	6261392	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	ASRSYS					Permits		
45-6-1003	Frenchs Forest;	AGD	56	336186	6261860	Closed site	Valid	Artefact : -	Shelter with Deposit	102473
	Contact	Recorders	Unkya					Permits		
45-6-1004	Frenchs Forest;	AGD	56	336473	6263801	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	Unknown Author					Permits		
45-6-1012	Belrose;Superlatives Cave;	AGD	56	336940	6264625	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	Mr.R Taplin					Permits		
45-6-1013	Belrose;High Midpart Cave;	AGD	56	336856	6264590	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	ASRSYS					Permits		
45-6-1014	Belrose;Red Glow Cave;	AGD	56	337972	6264695	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	ASRSYS					Permits		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-1573	Alkira Circuit;Narraweena;	AGD	56	339431	6264300	Closed site	Valid	Shell : -, Artefact : -, Art (Pigment or Engraved) : -	Rock Engraving,Shelter with Midden	
	Contact									
	Recorders			ASRSYS					Permits	
45-6-2633	wgc-2	AGD	56	337330	6260910	Closed site	Valid	Art (Pigment or Engraved) : -, Artefact : -		
	Contact			Mr.Phil Hunt						Permits
45-6-2733	Will-112 - Eastern Step Midden	GDA	56	334463	6260758	Open site	Valid	Shell : 1		
	Contact			Mr.Phil Hunt						Permits
45-6-2790	Brooker Avenue Engraving Site 1	AGD	56	338034	6264770	Closed site	Valid	Art (Pigment or Engraved) : 2		
	Contact			Mr.Phil Hunt,Mr.Paul Irish						Permits
45-6-2798	Emu and Man, Frenchs Forest	GDA	56	335601	6262052	Open site	Valid	Art (Pigment or Engraved) : 4		102473
	Contact			Charles.D Power						Permits
45-6-2803	Flat Rock Track 2	AGD	56	334200	6261140	Closed site	Valid	Shell : -		
	Contact			Val Attenbrow						Permits
45-6-1697	Bantry Bluff Midden;	AGD	56	336230	6260650	Open site	Valid	Shell : -, Artefact : -	Midden	1293
	Contact			A.K Morris						Permits
45-6-2054	Bantry bay 12;	AGD	56	336090	6261390	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact			Michael Guider						Permits
45-6-2929	Twin Roos	GDA	56	335850	6261820	Open site	Valid	Art (Pigment or Engraved) : -		102473
	Contact			Michael Guider						Permits
45-6-2940	Rock engraving (Garigal National Park)	GDA	56	336620	6261787	Open site	Valid	Art (Pigment or Engraved) : -		102473
	Contact			Michael Guider						Permits
45-6-2380	Red Hill 2 [further info. see report 101514]	AGD	56	338837	6264438	Closed site	Valid	Art (Pigment or Engraved) : -, Artefact : -	Shelter with Art,Shelter with Deposit	
	Contact			Michael Guider						Permits
45-6-0019	Dee Why	AGD	56	338860	6264244	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact			Charles.D Power,Mr.Paul Irish						Permits
45-6-0692	Beacon Hill Frenchs Forest	AGD	56	338856	6264237	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	93
	Contact			Unknown Author,Mr.Paul Irish						Permits

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports	
45-6-2975	CS1 (Brookvale)	GDA	56	339537	6263325	Open site	Valid	Artefact : 1			
	Contact	Recorders	Biosis Pty Ltd - Sydney,Ms.Samantha Higgs								Permits
45-6-3080	WGC 1 WARR214	GDA	56	337975	6261610	Open site	Valid	Art (Pigment or Engraved) : 1, Grinding Groove : 1, Potential Archaeological Deposit (PAD) : 1			
	Contact	Recorders	Aboriginal Heritage Office								Permits
45-6-3147	Mermaid Pool (South)	GDA	56	338790	6260855	Closed site	Valid	Art (Pigment or Engraved) : -, Water Hole : -			
	Contact	Recorders	Sydney Water-Parramatta,Ms.Yvonne Kaiser								Permits
45-6-3139	Monserra Engraving WARR350	GDA	56	338250	6261800	Open site	Valid	Art (Pigment or Engraved) : -			
	Contact	Recorders	Mr.Phil Hunt								Permits
45-6-3148	Manly Dam 1	GDA	56	338518	6260973	Open site	Valid	Artefact : -			
	Contact	Recorders	Sydney Water-Parramatta,Ms.Yvonne Kaiser								Permits
45-6-3149	Mermaid Pool (North)	GDA	56	338831	6260908	Closed site	Valid	Water Hole : -, Art (Pigment or Engraved) : -, Potential Archaeological Deposit (PAD) : -			
	Contact	Recorders	Sydney Water-Parramatta,Ms.Yvonne Kaiser								Permits
45-6-3164	Trefoil Creek 1	GDA	56	336531	6264357	Open site	Valid	Art (Pigment or Engraved) : -			
	Contact	Recorders	Mr.Mark Rawson								Permits
45-6-3192	30 Lyly Rd Rockshelter	GDA	56	338924	6262018	Open site	Valid	Potential Archaeological Deposit (PAD) : -			
	Contact	Recorders	Mr.Ashley O'Sullivan								Permits
45-6-3579	Oxford Falls RS-1	GDA	56	339280	6265151	Open site	Valid	Habitation Structure : 1, Potential Archaeological Deposit (PAD) : 1			
	Contact	Recorders	Eco Logical Australia Pty Ltd - Sydney - Individual users,Mr.Tyler Beebe								Permits

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GML Heritage Pty Ltd + Context - Surry Hills

Date: 02 December 2020

Level 6 372 Elizabeth Street
Surry Hills New South Wales 2010

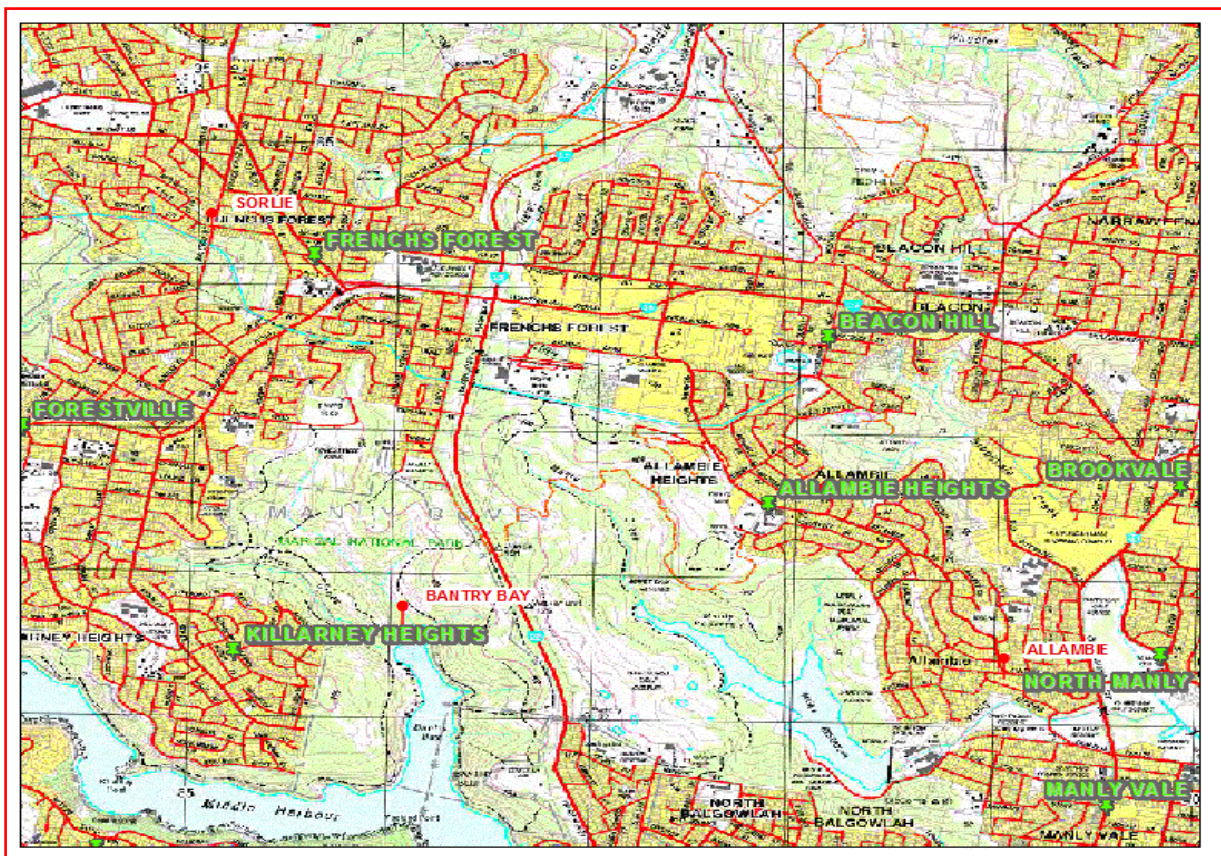
Attention: Talei Holm

Email: taleih@gml.com.au

Dear Sir or Madam:

AHIMS Web Service search for the following area at Lat, Long From : -33.7807, 151.2091 - Lat, Long To : -33.7408, 151.2723 with a Buffer of 0 meters. Additional Info : DD SI, conducted by Talei Holm on 02 December 2020.

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



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

100	Aboriginal sites are recorded in or near the above location.
0	Aboriginal places have been declared in or near the above location. *

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

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

Important information about your AHIMS search

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

Appendix B

Test Excavation Records

Photo Number	Date	Area/TT	Activity	Description	Direction	Context Number(s)	Spit/Stage	Square	Initials
3170	November 22, 2021		Survey	Survey photo of pad	North				TH
3171	November 22, 2021		Survey	Survey photo of pad	North				TH
3172	November 22, 2021		Survey	Survey photo of pad	North				TH
3173	November 22, 2021		Survey	Survey photo- kookaburras	North				TH
3174	November 22, 2021			Post excavation	West		End of pit	8	JC
3175	November 22, 2021			Area of disturbance identified on survey	North				TH
3176	November 22, 2021			Area of disturbance identified on survey	North				TH
3177	November 22, 2021			Area of disturbance identified on survey	North				TH
3178	November 22, 2021			Rock engraving near site	North				TH
3179	November 22, 2021			Rock engraving near site	North				TH
3180	November 22, 2021			Rock engraving near site	North				TH
3181	November 22, 2021			Rock engraving near site	North				TH
3182	November 22, 2021			First Nations graffiti on former centre	North				TH
3183	November 22, 2021			First Nations graffiti on former centre	North				TH
3184	November 22, 2021			First Nations graffiti on former centre	North				TH
3185	November 22, 2021			Goanna friend!	North				TH
3186	November 22, 2021			Goanna friend!	North				TH
3187	November 22, 2021			Goanna friend!	North				TH
3188	November 22, 2021			Goanna friend!	North				TH
3189	November 22, 2021			Goanna friend!	North				TH
3190	November 22, 2021			Goanna friend!	North				TH
3191	November 22, 2021			Goanna friend!	North				TH
3192	November 22, 2021			Goanna friend!	North				TH
3193	November 22, 2021			Goanna friend!	North				TH
3194	November 22, 2021			Goanna friend!	North				TH
3195	November 22, 2021			Pre ex photo	North		Pre ex	8	TH
3196	November 22, 2021			Pre ex photo	North			3	TH
3197	November 22, 2021			Pre ex photo, facing TU 5-7	West		Pre ex	8	TH
3198	November 22, 2021			Pre ex photo	North		Pre ex	1	TH
3199	November 22, 2021			Pre ex photo	North		Pre ex	1	TH
3200	November 22, 2021			Pre ex photo	East		Pre ex	1	TH
3201	November 22, 2021			Pre ex photo	North		Pre ex	1	TH
3202	November 22, 2021			Pre ex photo	South		Pre ex	1	TH
3203	November 22, 2021			Pre ex	North			2	TH
3204	November 22, 2021			Pre ex	North			2	TH
3205	November 22, 2021			Pre ex	North			2	TH
3206	November 22, 2021			Pre ex	South			2	TH
3207	November 22, 2021			Pre ex photo	North			3	TH
3208	November 22, 2021			Pre ex photo	North			3	TH
3209	November 22, 2021			Pre ex photo	North			3	TH
3210	November 22, 2021			Pre ex photo	South			3	TH
3211	November 22, 2021			Pre ex photo	North			7	TH
3212	November 22, 2021			Pre ex photo	North			7	TH
3213	November 22, 2021			Pre ex photo	North			7	TH
3214	November 22, 2021			Pre ex photo	South			7	TH
3215	November 22, 2021			Pre ex photo	West			6	
3216	November 22, 2021			Pre ex photo	North			6	
3217	November 22, 2021			Pre ex photo	North			6	
3218	November 22, 2021			Pre ex photo	West			6	

3219	November 22, 2021	Post excavation	North	End of pit	8 JC
3220	November 22, 2021	Post excavation	North	End of pit	8 JC
3221	November 22, 2021	Asbestos found in spit 1, pit called off.	West	1	6 JC
3222	November 22, 2021	Pre ex shot	North		5 TH
3223	November 22, 2021	Pre ex shot	North-East		5 TH
3224	November 22, 2021	Asbestos found in pit and it was closed.	West		5 TH
3225	November 22, 2021	Dead pit	West		5 TH
3226	November 22, 2021	Dead pit	East	End of ex	6 TH
3227	November 22, 2021	Northern section post ex	North	End of pit	7 TH
3228	November 22, 2021	Northern section post ex	North	End of pit	7 TH
3229	November 22, 2021	Northern section post ex	North	End of pit	7 TH
3230	November 22, 2021	End of ex, over view shot	North	End of end	7 TH
3231	November 23, 2021	Pre ex pho	North		4 TH
3232	November 23, 2021	Pre ex pho	North		4 TH
3233	November 23, 2021	Pre ex pho	North-West		4 TH
3234	November 23, 2021	Pre ex pho	North		4 TH
3235	November 23, 2021	Pre ex photo	West		9 TH
3236	November 23, 2021	Pre ex photo	North		9 TH
3237	November 23, 2021	Pre ex photo	North		9 TH
3238	November 23, 2021	Pre ex photo	East		9 TH
3239	November 23, 2021	Pre ex photo	North		10 TH
3240	November 23, 2021	Pre ex photo	North		10 TH
3241	November 23, 2021	Pre ex photo	North-East		10 TH
3242	November 23, 2021	Pre ex photo	North-East		10 TH
3243	November 23, 2021	Pre ex photo	North-East		10 TH
3244	November 23, 2021	Pre ex photo	North		11 TH
3245	November 23, 2021	Pre ex photo	North		11 TH
3246	November 23, 2021	Pre ex photo	North		11 TH
3247	November 23, 2021	Pre ex photo	West		11 TH
3248	November 23, 2021	Pre ex	West		12 TH
3249	November 23, 2021	Pre ex	North		12 TH
3250	November 23, 2021	Pre ex	North-East		12 TH
3251	November 23, 2021	Pre ex	South-East		12 TH
3252	November 23, 2021	Pre ex photo	North		13 TH
3253	November 23, 2021	Pre ex photo	North		13 TH
3254	November 23, 2021	Pre ex photo	North-East		13 TH
3255	November 23, 2021	Northern section of tu	North	End of pit	3 TH
3256	November 23, 2021	Overview of base.	North	End of pit	3 TH
3257	November 24, 2021	Overview of base	North	End of ex	3 TH
3258	November 24, 2021	Section southern	South	End of ex	13 TH
3259	November 24, 2021	Section southern	West	End of ex	13 TH
3260	November 24, 2021	Overview of base	North	End of ex	13 TH
3261	November 24, 2021	Northern section	North	End of ex	2 TH
3262	November 24, 2021	Overview of base	North	End of ex	2 TH
3263	November 24, 2021	Northern section	North	End of ex	2 TH
3264	November 24, 2021	Retake of southern section	North	End of ex	13 TH
3265	November 24, 2021	Retake of southern section	North	End of ex	13 TH
3266	November 24, 2021	Abandoned pit	North		1 TH
3267	November 24, 2021	TU 01 compared to TU13 (offset of 01)	North	1 and 13	TH
3268	November 24, 2021	Abandoned asbestos pit	North	End of ex	9 TH

3269	November 24, 2021	Areas of disturbance	Pine tree with possible banking from disturbance	North-East		TH
3270	November 24, 2021	Areas of disturbance	Pine tree with possible banking from disturbance	South-East		TH
3271	November 24, 2021	Areas of disturbance	Pine tree with possible banking from disturbance	South-East		TH
3272	November 24, 2021	Areas of disturbance	Pine tree with possible banking from disturbance	South		TH
3273	November 24, 2021	Areas of disturbance	Garden around second pine tree	West		TH
3274	November 24, 2021	Areas of disturbance	Garden around second pine tree	North		TH
3275	November 24, 2021	Areas of disturbance	Garden around second pine tree	West		TH
3276	November 24, 2021	Areas of disturbance	Garden around second pine tree, TU02 in right of frame	North		TH
3277	November 24, 2021	Areas of disturbance	Disturbance around TU04	South		TH
3278	November 24, 2021	Area of disturbance	Looking through centre of site	North		TH
3279	November 24, 2021		Working shot with old growth tree	South-East		TH
3280	November 24, 2021	AoD	Looking down towards new centre	South		TH
3281	November 24, 2021		Working shot	South		TH
3282	November 24, 2021		Working shot	South		TH
3283	November 24, 2021		Section eastern with disturbance from pipe.	East	End of ex	12 TH
3284	November 24, 2021		Section eastern with disturbance from pipe.	East	End of ex	12 TH
3285	November 24, 2021		Tiny hole dug by Jodi to try to figure out disturbance	South	Sample	1 TH
3286	November 24, 2021		Tiny hole dug by Jodi to try to figure out disturbance	South	Sample	1 TH
3287	November 24, 2021		Tiny hole dug by Jodi to try to figure out disturbance	South	Sample	1 TH
3288	November 24, 2021		Tiny hole dug by Jodi to try to figure out disturbance	South	Sample	1 TH
3289	November 24, 2021		Northern section	South	End of ex	4 TH
3290	November 24, 2021		Northern section	South	End of ex	4 TH
3291	November 24, 2021		Over view photo	North	End of ex	4 TH
3292	November 24, 2021		Northern section	North	End of ex	11 TH
3293	November 24, 2021		Overview of base	North	End of ex	11 TH
3294	November 24, 2021		Overview of base	North	End of ex	12 TH
3295	November 24, 2021		Northern section	North	End of ex	14 TH
3296	November 24, 2021		Overview of base	North	14	14 TH
3297	November 24, 2021		Goanna friend	North		TH
3298	November 24, 2021		View into city	South		TH
3299	November 24, 2021		Kookaburra friend	North		TH
3300	November 24, 2021		Kookaburra friend	North		TH
3301	November 24, 2021		Kookaburra friend	North		TH
3302	November 24, 2021		Kookaburra friend	North		TH
3303	November 24, 2021		Kookaburra friend	North		TH
3304	November 24, 2021		Kookaburra friend	North		TH
3305	November 24, 2021		Goanna friend	North		TH
3306	November 24, 2021		Goanna friend	North		TH
3307	November 24, 2021		Goanna friend	North		TH
3308	November 24, 2021		Goanna friend	North		TH
3309	November 24, 2021		Goanna friend	North		TH
3310	November 24, 2021		Kookaburra friend	North		TH
3311	November 24, 2021		Kookaburra friend	North		TH
3312	November 24, 2021		Kookaburra friend	North		TH
3313	November 24, 2021		Kookaburra friend	North		TH
3314	November 24, 2021		Kookaburra friend	North		TH
3315	November 24, 2021		Canceled pit due to asbestos	West		10
3316	November 24, 2021		Modern bottle from topsoil	West		11 TH
3317	November 24, 2021		Modern bottle from topsoil	South		11 TH
3318	November 24, 2021		Blue grey gravel disturbance	West	1	17 TH

3319	November 24, 2021	Northern section	North	End of ex	15 TH
3320	November 24, 2021	Overview photo	North	End of ex	15 TH
3321	November 24, 2021	Northern section	North	End of ex	16 TH
3322	November 24, 2021	Northern section	West	End of ex	16 TH
3323	November 24, 2021	Over view photo	West	End of ex	16 TH



IMG_3170



IMG_3171



IMG_3172



IMG_3173



IMG_3174



IMG_3175



IMG_3176



IMG_3177



IMG_3178



IMG_3179



IMG_3180



IMG_3181



IMG_3182



IMG_3183



IMG_3184



IMG_3185



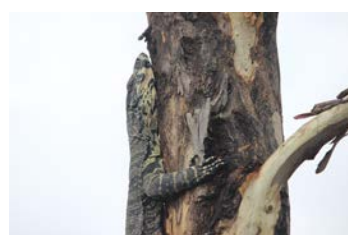
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IMG_3199



IMG_3200



IMG_3201



IMG_3202



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IMG_3204



IMG_3205



IMG_3206



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IMG_3209



IMG_3210



IMG_3211



IMG_3212



IMG_3213



IMG_3214



IMG_3215



IMG_3216



IMG_3217



IMG_3218



IMG_3219



IMG_3220



IMG_3221



IMG_3222



IMG_3223



IMG_3224



IMG_3225



IMG_3226



IMG_3227



IMG_3228



IMG_3229



IMG_3230



IMG_3231



IMG_3232



IMG_3233



IMG_3234



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IMG_3237



IMG_3238



IMG_3239



IMG_3240



IMG_3241



IMG_3242



IMG_3243



IMG_3244



IMG_3245



IMG_3246



IMG_3247



IMG_3248



IMG_3249



IMG_3250



IMG_3251



IMG_3252



IMG_3253



IMG_3254



IMG_3255



IMG_3256



IMG_3257



IMG_3258



IMG_3259



IMG_3260



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IMG_3268



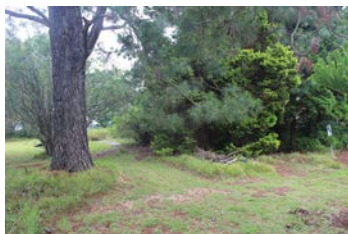
IMG_3269



IMG_3270



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IMG_3283



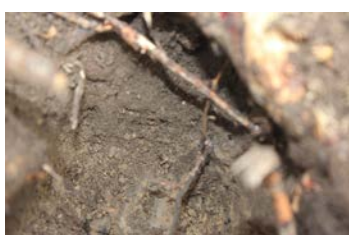
IMG_3284



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IMG_3293



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IMG_3300



IMG_3301



IMG_3302



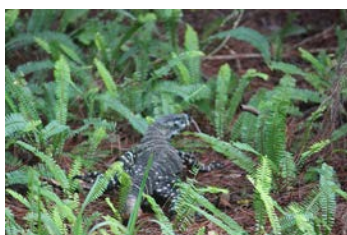
IMG_3303



IMG_3304



IMG_3305



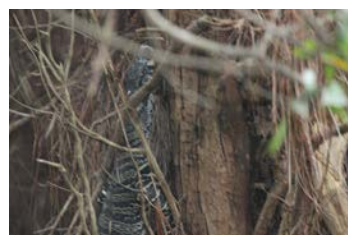
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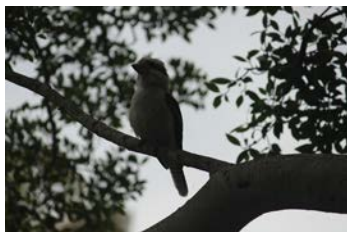
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IMG_3308



IMG_3309



IMG_3310



IMG_3311



IMG_3312



IMG_3313



IMG_3314



IMG_3315



IMG_3316



IMG_3317



IMG_3318



IMG_3319



IMG_3320



IMG_3321



IMG_3322



IMG_3323

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A	TEST UNIT #	1
	PHOTO #	

Excavators <i>John + Jamie</i>	Date
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SUMMARY OF EXCAVATION

Total Count Aboriginal Objects	
Other evidence?	<i>Moved to TU13 because of roots</i>
Worthy of expansion? How?	
Plan #:	Samples (description & #):

LOCATION

GPS (for additional TU only)	Easting	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td style="padding: 2px 5px;">3</td><td style="padding: 2px 5px;">3</td><td style="padding: 2px 5px;">7</td><td style="padding: 2px 5px;">3</td><td style="padding: 2px 5px;">1</td><td style="padding: 2px 5px;">6</td></tr> </table>	3	3	7	3	1	6	Northing	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td style="padding: 2px 5px;">6</td><td style="padding: 2px 5px;">2</td><td style="padding: 2px 5px;">6</td><td style="padding: 2px 5px;">3</td><td style="padding: 2px 5px;">4</td><td style="padding: 2px 5px;">5</td><td style="padding: 2px 5px;">3</td></tr> </table>	6	2	6	3	4	5	3
3	3	7	3	1	6												
6	2	6	3	4	5	3											

Soil landscape

Landform *Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other*

Aspect *N E S W* Slope %

EXCAVATION wet sieved dry sieved

Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features - Special Interest	Aboriginal Objects #
1		A1 A2 B Other			
2		A1 A2 B Other			
3		A1 A2 B Other			
4		A1 A2 B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					

SOIL DESCRIPTION

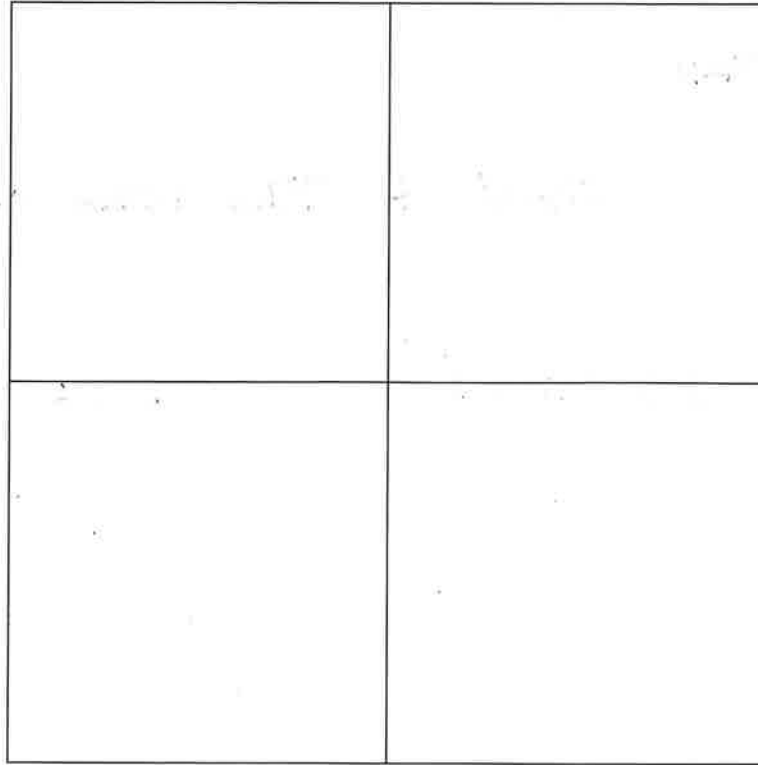
Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)
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Surface Layer	Eg. Gravels, sand, litter, evidence of disturbance etc.
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A1	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>
A2	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>
B							

Description of material below B or the limit of excavations

Plan



Spit drawn:

Section Plan

Face:

Scale:

Not excavated

Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation
 Aboriginal Excavation – Job #: 20-0444A

TEST UNIT #
 PHOTO #

2

Excavators John + Adam

Date 22.11.21

SUMMARY OF EXCAVATION

Total Count Aboriginal Objects

Other evidence?

Worthy of expansion? How?

Plan #: Samples (description & #):

LOCATION

GPS (for additional TU only) Easting Northing

Soil landscape

Landform Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other

Aspect N E S W Slope %

EXCAVATION wet sieved dry sieved

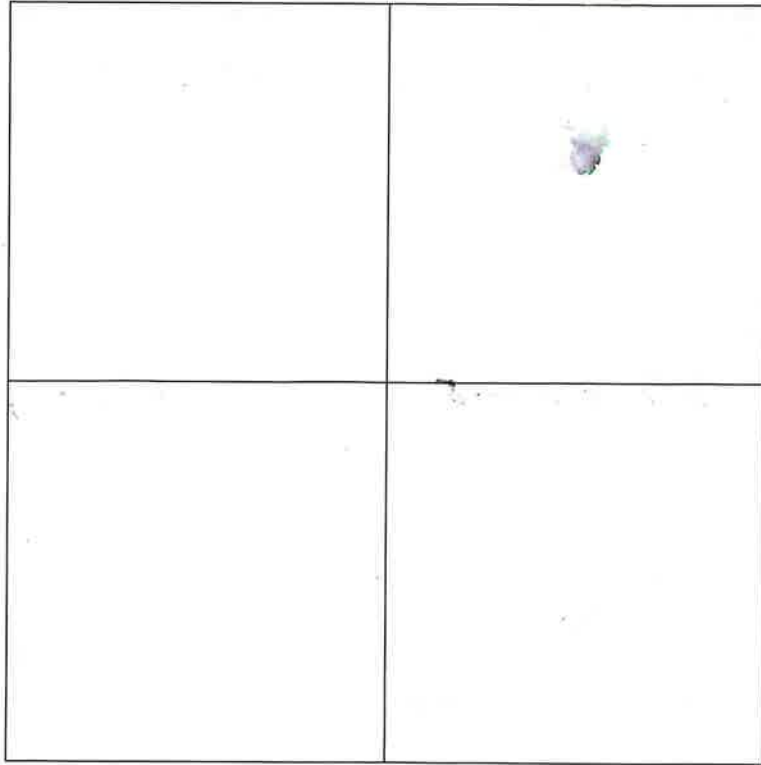
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features - Special Interest	Aboriginal Objects #
1	100	A1 A2 B Other	2.5Y 3/1	Light weight black stone like item	
2	100	A1 A2 B Other			
3	100	A1 (A2) B Other			
4	50	A1 (A2) B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					

SOIL DESCRIPTION

Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc.
A1	1,2	gass med sandstone pieces ~ 100 mm, brick + glass rubble in dark brown soil. Black item recovered material unknown. Possible slag?
A2	3,4	Interface between A2 + clay the E side of depth 350mm. W side 320mm. No ironstone in clay. No/ very little rubble in interface, clay v. friable.
B		

Description of material below B or the limit of excavations

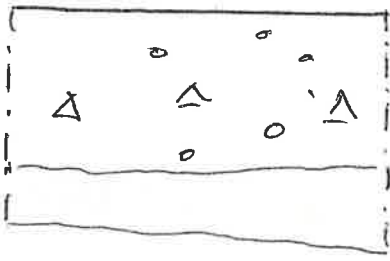
Plan



Spit drawn:

Section Plan

Face: *NH*
Scale: 0 100 200 mm



Cross

mixed rubble

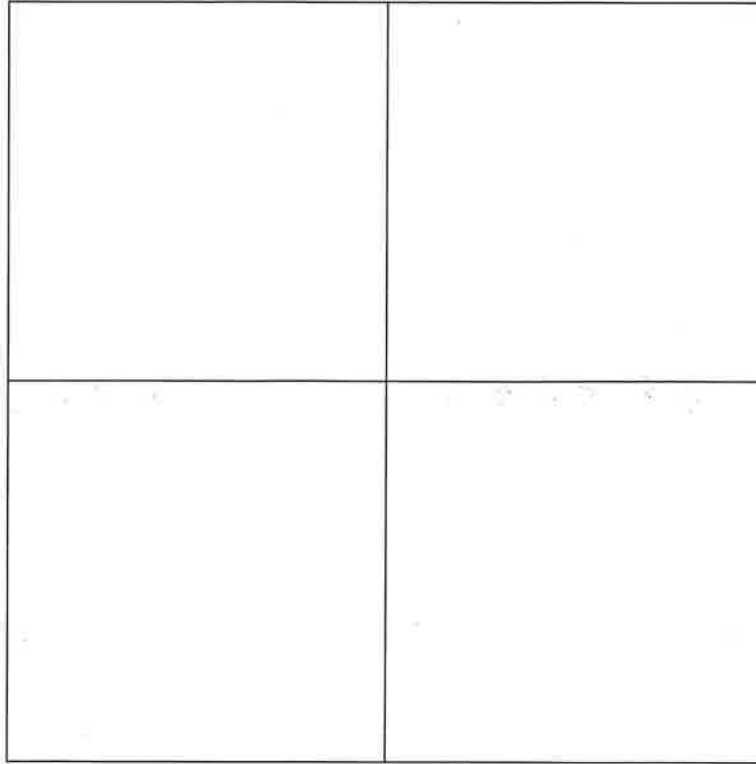
AZ interface \rightarrow clay

clay

Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A		TEST UNIT #		3	
Excavators JC + DK		Date 23-11-21			
SUMMARY OF EXCAVATION					
Total Count Aboriginal Objects		0			
Other evidence?					
Worthy of expansion? How?		No			
Plan #:		Samples (description & #):			
LOCATION					
GPS (for additional TU only)		Easting		Northing	
		237349		6263429	
Soil landscape					
Landform		Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other			
Aspect		N E S W		Slope %	
EXCAVATION wet sieved dry sieved					
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features – Special Interest	Aboriginal Objects #
1	100	A1 A2 B Other	10YR 3/1		
2	50	A1 A2 B Other			
3		A1 A2 B Other			
4		A1 A2 B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					
SOIL DESCRIPTION					
Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)			
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc.			
A1 A1		grass loamy silt topsoil A1. lots of roots + grass. small gravels.			
A2 A2		Interface to clay. Deposit becoming lighter as yellow/orange clay content increases. Large ~200mm ironstone cobbles. Clay very friable			
B					
Description of material below B or the limit of excavations					
Clay					

Plan

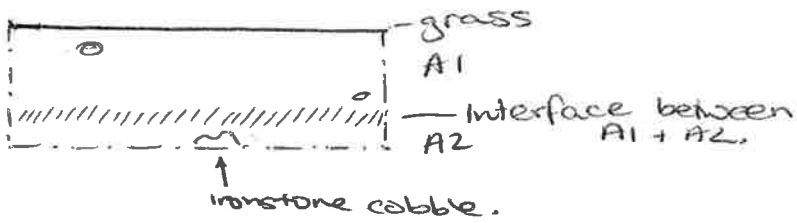


Spit drawn:

Section Plan

o - tree roots

Face: Nth
Scale: 0 100 200 mm



Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A	TEST UNIT # PHOTO #	4
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Excavators	A Jamie & Dawn	Date	23.11.21
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SUMMARY OF EXCAVATION

Total Count Aboriginal Objects	0
Other evidence?	
Worthy of expansion? How?	No
Plan #:	Samples (description & #):

LOCATION

GPS (for additional TU only)	Easting	337316	Northing	6263406
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Soil landscape	
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Landform	Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other
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Aspect	N E S W	Slope %
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EXCAVATION wet sieved dry sieved

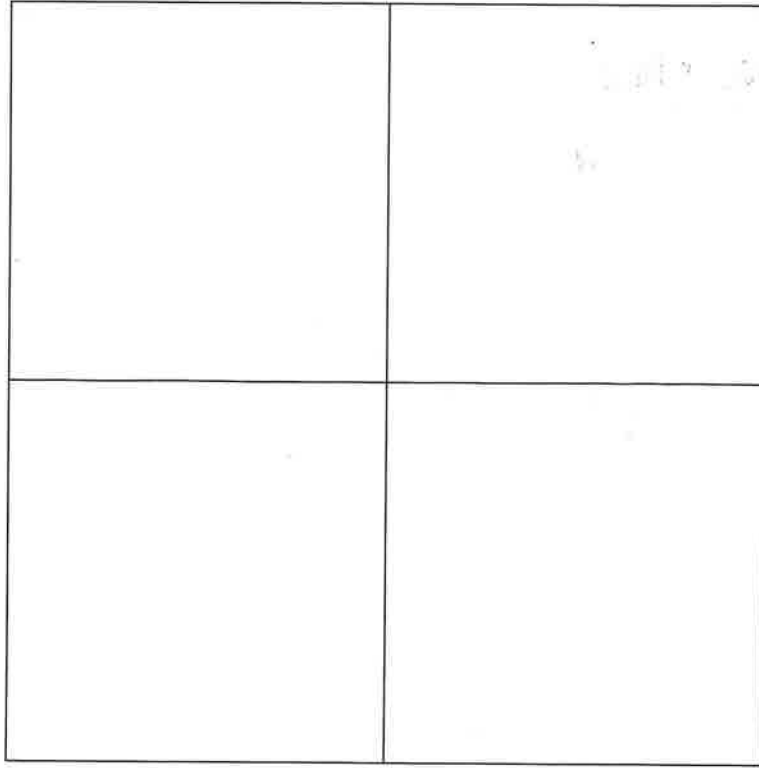
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/Features – Special Interest	Aboriginal Objects #
1	100	A1 A2 B Other			
2	100	A1 A2 B Other			
3	50 100	A1 A2 B Other			
4	100	A1 A2 B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					

SOIL DESCRIPTION

Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc.
A1	1,2	grass mid grey brown topsoil - introduced.
A2	3	Introduced clay fill 50-100mm. 50mm in W side - 100mm on E side.
A2	4	A2 natural transitioning into clay.
B		

Description of material below B or the limit of excavations	clay.
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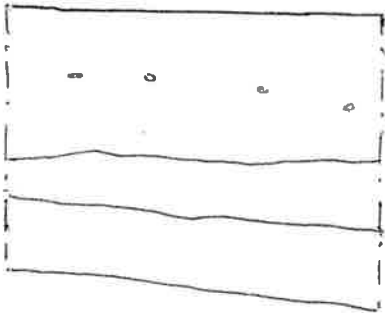
Plan



Spit drawn:

Section Plan

Face: N
Scale:



Introduced A1
o = tree roots.

Introduced clay A11

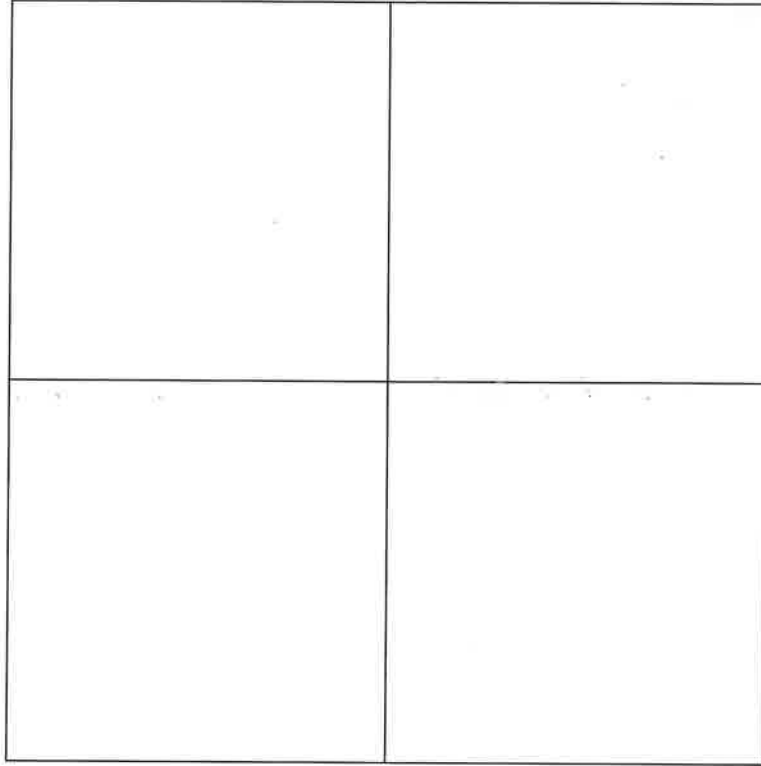
Natural A2

Natural clay.

Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A		TEST UNIT # PHOTO #	5		
Excavators	John + Adam		Date	22.11.21	
SUMMARY OF EXCAVATION					
Total Count Aboriginal Objects	0				
Other evidence?	Asbestos				
Worthy of expansion? How?					
Plan #:	Samples (description & #):				
LOCATION					
GPS (for additional TU only)	Easting	3 3 7 3 2 8		Northing	6 2 6 3 4 1 1
Soil landscape					
Landform	Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other				
Aspect	N	E	S	W	Slope %
EXCAVATION wet sieved dry sieved					
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features - Special Interest	Aboriginal Objects #
1	~20	A1 A2 B Other			
2		A1 A2 B Other			
3		A1 A2 B Other			
4		A1 A2 B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					
SOIL DESCRIPTION					
Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)			
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc.			
A1		Asbestos @ start of spit 1 (20 mm) TU closed. No bag tag as no soil removed from TU.			
A2					
B					
Description of material below B or the limit of excavations					

Plan



Spit drawn:

Section Plan

Face:

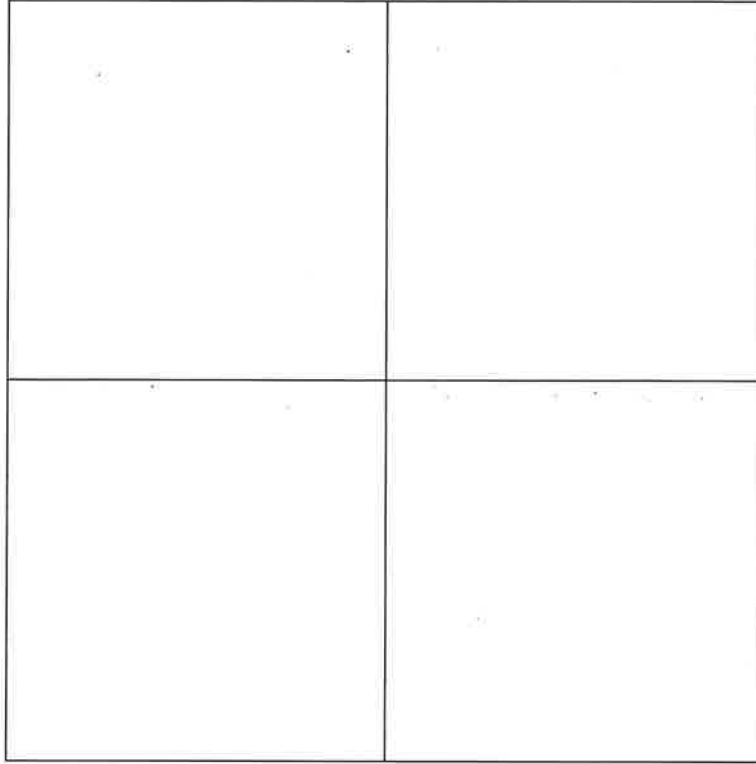
Scale:

Asbestos Pit

Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A		TEST UNIT # PHOTO #		6	
Excavators <u>John + Adam</u>		Date <u>22.11.21</u>			
SUMMARY OF EXCAVATION					
Total Count Aboriginal Objects		0			
Other evidence?		<u>Asbestos</u>			
Worthy of expansion? How?					
Plan #:		Samples (description & #):			
LOCATION					
GPS (for additional TU only)		Easting		Northing	
		3 3 7 3 3 7		6 2 6 3 4 1 5	
Soil landscape					
Landform		Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other			
Aspect		N E S W		Slope %	
EXCAVATION wet sieved dry sieved					
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features – Special Interest	Aboriginal Objects #
1	<u>~100</u>	A1 A2 B Other			0
2		A1 A2 B Other			
3		A1 A2 B Other			
4		A1 A2 B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					
SOIL DESCRIPTION					
Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)			
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc.			
A1		<u>Asbestos found at the end of spit 1. TU closed.</u>			
A2					
B					
Description of material below B or the limit of excavations					

Plan



Spit drawn:

Section Plan

Face:

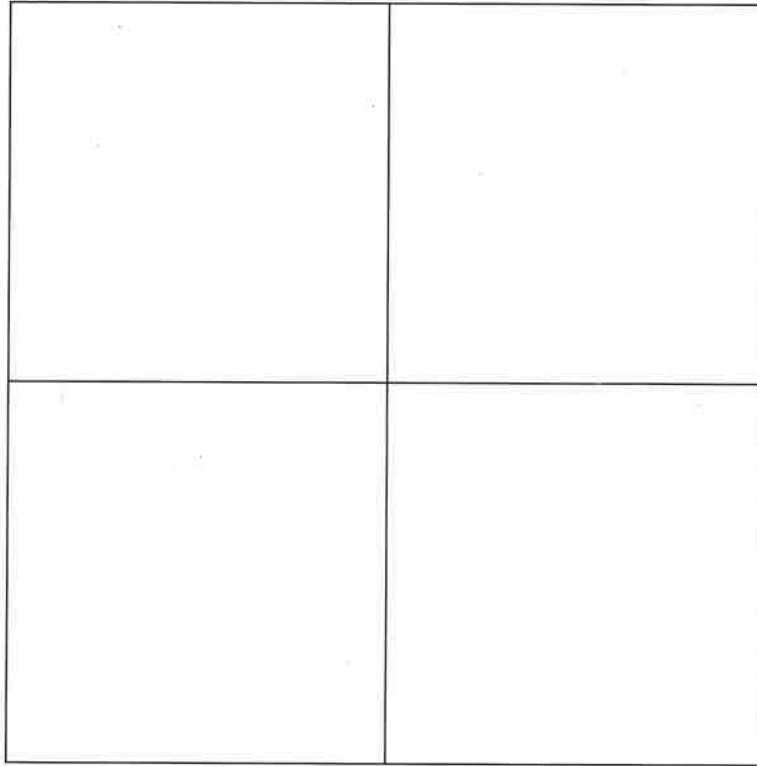
Scale:

Asbestos Pit

Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A		TEST UNIT # PHOTO #	7		
Excavators	John + Adam + Talei + Jack		Date 22.11.21		
SUMMARY OF EXCAVATION					
Total Count Aboriginal Objects					
Other evidence?					
Worthy of expansion? How?					
Plan #:	Samples (description & #):				
LOCATION					
GPS (for additional TU only)	Easting	337348	Northing		
Soil landscape					
Landform	Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other				
Aspect	N	E	S		
	W	Slope %			
EXCAVATION					
	wet sieved	dry sieved			
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features – Special Interest	Aboriginal Objects #
1	100	A1 A2 B Other	10YR 3/4		0
2	100	A1 A2 B Other	10YR 5/3 (sand)	10YR 5/6 (clay)	0
3	100	A1 A2 B Other	10YR 5/3		0
4		A1 A2 B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					
SOIL DESCRIPTION					
Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)			
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc. Grass			
A1	1	loose sandy loam. Substantial roots. Ironstone gravels. Uneven sur transition to spit 2 @ 100mm mark grass + tree roots.			
A2	2	yellow sandy clay w ironstone. Tree roots. loose deposit. charcoal flecks. Becoming more compact w depth in concave shape. Tree root(?) in NW			
	3	NW corner where possible tree root. loose sandy silty sand abutting clay			
B					
Description of material below B or the limit of excavations					

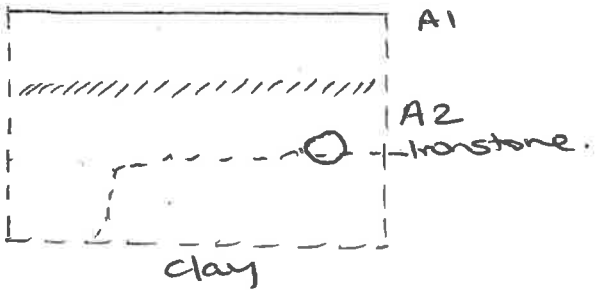
Plan



Spit drawn:

Section Plan

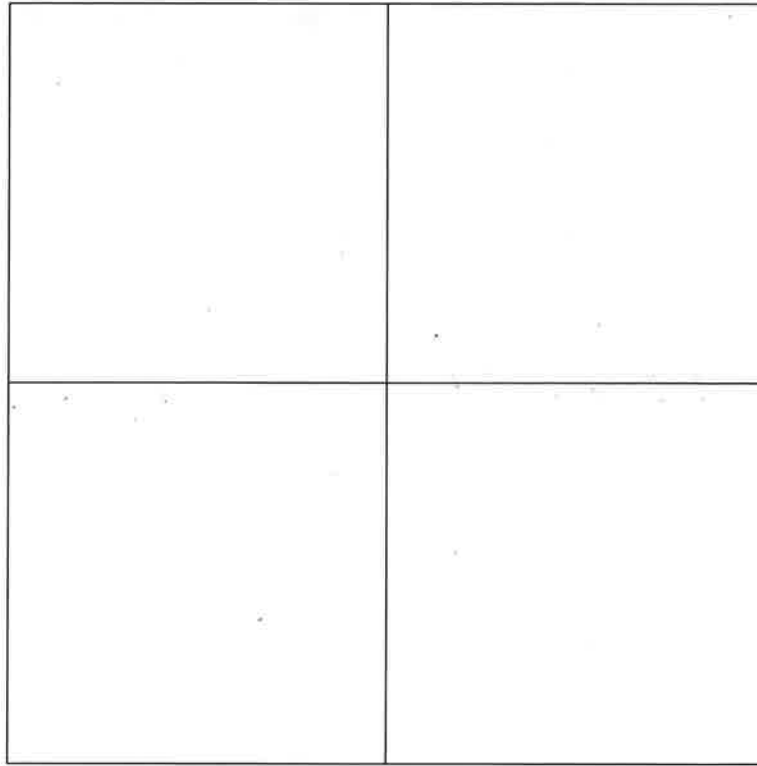
Face: A1/A2
Scale: 0 100 200 mm



Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A		TEST UNIT # PHOTO #	8		
Excavators	John + Adam + Jodi	Date	22.11.21		
SUMMARY OF EXCAVATION					
Total Count Aboriginal Objects	0				
Other evidence?					
Worthy of expansion? How?	NO				
Plan #:	Samples (description & #):				
LOCATION					
GPS (for additional TU only)	Easting	Northing			
	3 7 7 3 5 6	6 2 6 3 4 2 0			
Soil landscape					
Landform	Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other				
Aspect	N	E	S		
	W	Slope %			
EXCAVATION					
	wet sieved	dry sieved			
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features - Special Interest	Aboriginal Objects #
1	1A 50	(A1) A2 B Other	10YR 3/3		0
2	1B 50	(A1) A2 B Other	"	glass(modern)	0
3	2A 50	(A1) A2 B Other	"	roof tile	0
4	2B 50	A1 A2 B Other	mixed yellow + brown	glass(mod) + charcoal	0
5	3A 20	A1 A2 B Other	" "		0
6	unexcavated clay	A1 A2 B Other	10YR 5/6	clay w ironstone	
7		A1 A2 B Other			
Totals					
SOIL DESCRIPTION					
Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)			
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc.			
A1	1A, 1B 2A	loam topsoil dark brown. lots of grass roots. New deposit @ base of 2A. roof tile at interface. Most likely introduced.			
A2	2B 3A	Mixed deposit mottled yellow clay w brick rubble rubble. + dark brown soil. Ironstone inclusions.			
unexcavated		orange yellow clay w red iron stone.			
B					
Description of material below B or the limit of excavations					

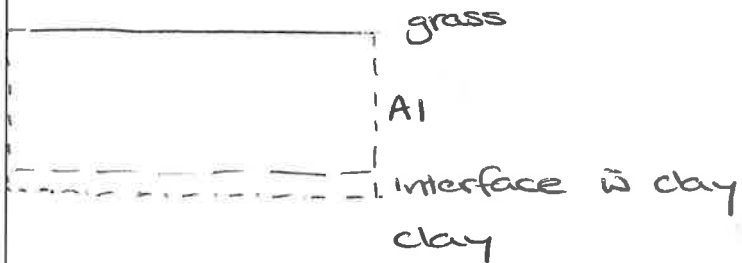
Plan



Spit drawn:

Section Plan

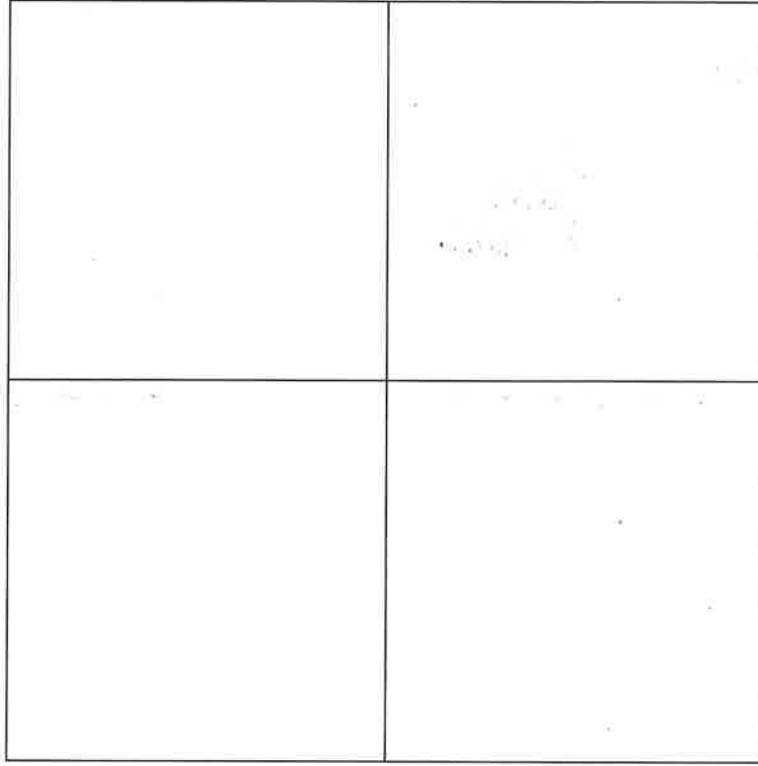
Face: Nth
Scale: 0 100 200 mm



Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A		TEST UNIT # PHOTO #	9		
Excavators	Drew	Date	23-11-21		
SUMMARY OF EXCAVATION					
Total Count Aboriginal Objects	0				
Other evidence?	Asbestos				
Worthy of expansion? How?	No, asbestos				
Plan #:	Samples (description & #):				
LOCATION					
GPS (for additional TU only)	Easting	3 3 7 2 3 4	Northing	6 2 6 3 3 9 1	
Soil landscape					
Landform	Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other				
Aspect	N	E	S	W	Slope %
EXCAVATION				wet sieved	dry sieved
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features - Special Interest	Aboriginal Objects #
1		A1 A2 B Other			
2		A1 A2 B Other			
3		A1 A2 B Other			
4		A1 A2 B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					
SOIL DESCRIPTION					
Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)			
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc.			
A1		Pit contained asbestos			
A2					
B					
Description of material below B or the limit of excavations					

Plan



Spit drawn:

Section Plan

Face:

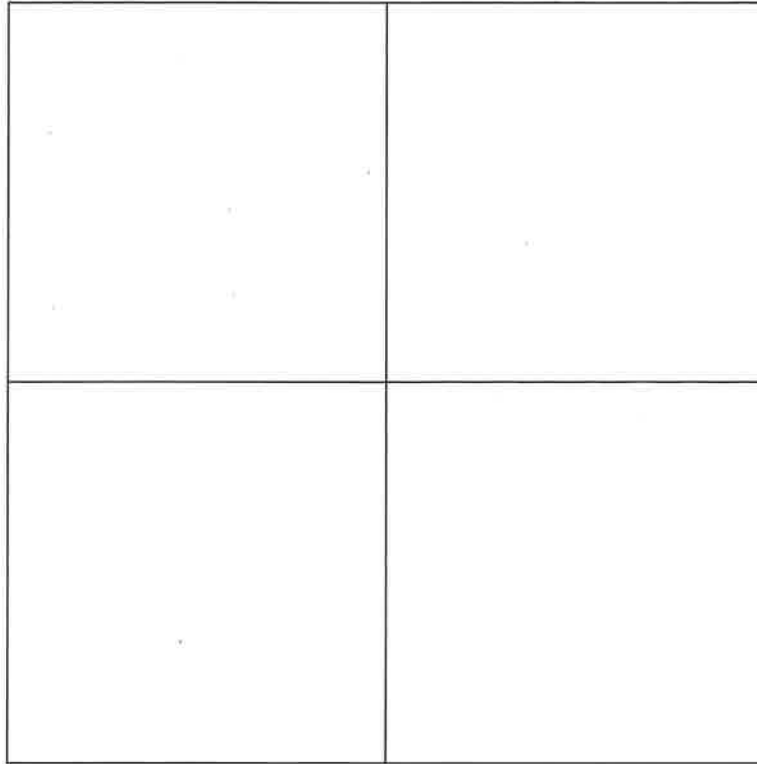
Scale:

Abestos P.t

Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A		TEST UNIT # PHOTO #	10		
Excavators	DK + John	Date	23.11.21		
SUMMARY OF EXCAVATION					
Total Count Aboriginal Objects	0				
Other evidence?					
Worthy of expansion? How?	No				
Plan #:	Samples (description & #):				
LOCATION					
GPS (for additional TU only)	Easting	337347	Northing		
		6263387			
Soil landscape					
Landform	Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other				
Aspect	N	E	S		
	W	Slope %			
EXCAVATION					
	wet sieved	dry sieved			
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features – Special Interest	Aboriginal Objects #
1	<100	A1 A2 B Other	Asbestos		
2		A1 A2 B Other			
3		A1 A2 B Other			
4		A1 A2 B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					
SOIL DESCRIPTION					
Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)			
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc.			
A1		Asbestos found in top of spit 1. TU closed.			
A2					
B					
Description of material below B or the limit of excavations					

Plan



Spit drawn:

Section Plan

Asbestos,

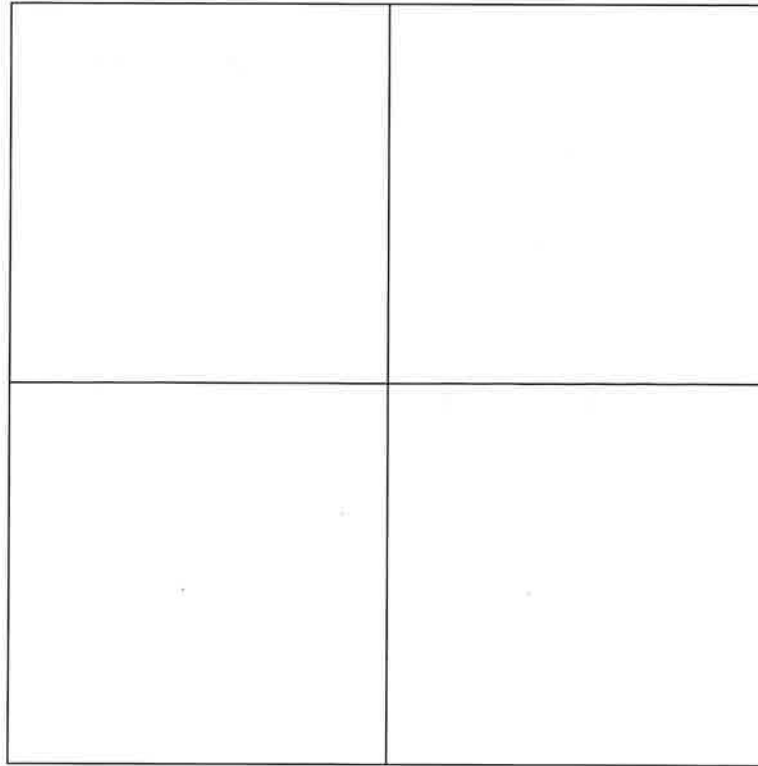
Face:

Scale:

Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A		TEST UNIT # 11			
		PHOTO #			
Excavators		Date	23.11.21		
SUMMARY OF EXCAVATION					
Total Count Aboriginal Objects	0				
Other evidence?					
Worthy of expansion? How?	No				
Plan #:	Samples (description & #):				
LOCATION					
GPS (for additional TU only)	Easting	337359	Northing		
			62633953		
Soil landscape					
Landform	Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other				
Aspect	N	E	S		
	W	Slope %			
EXCAVATION wet sieved dry sieved					
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features - Special Interest	Aboriginal Objects #
1	100	A1 A2 B Other			
2	100	A1 A2 B Other			
3	70	A1 A2 B Other			
4		A1 A2 B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					
SOIL DESCRIPTION					
Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)			
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc.			
A1	1,2,3	Possible imported topsoil. Grass + tree roots. clear, sharp transition onto clay.			
A2	4	Yellow, plastic clay. Appears to be stripped before topsoil imported.			
B	linexcavated.				
Description of material below B or the limit of excavations					

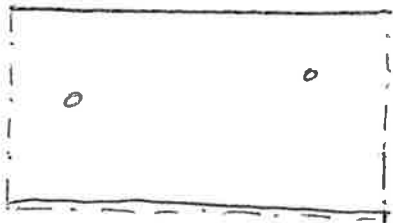
Plan



Spit drawn:

Section Plan

Face: N
Scale: 0 100 200 mm



o = tree roots

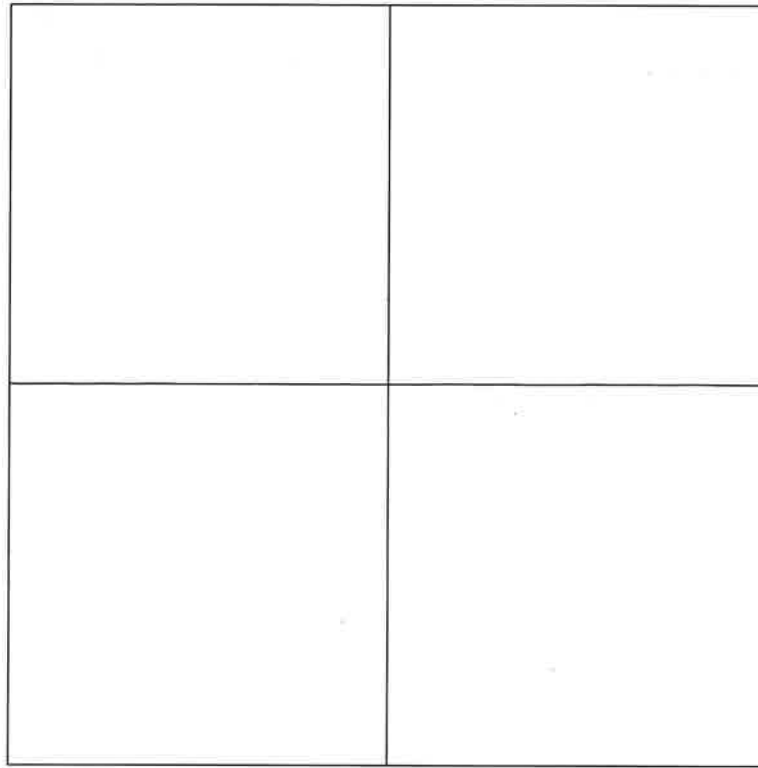
Imported A1

Natural clay.

Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A		TEST UNIT # PHOTO #	12		
Excavators	DK + John		Date 23.11.21		
SUMMARY OF EXCAVATION					
Total Count Aboriginal Objects	0				
Other evidence?					
Worthy of expansion? How?	NO				
Plan #:	Samples (description & #):				
LOCATION					
GPS (for additional TU only)	Easting	337365	Northing: 6263395		
Soil landscape					
Landform	Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other				
Aspect	N	E	S		
	W	Slope %			
EXCAVATION wet sieved dry sieved					
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features – Special Interest	Aboriginal Objects #
1	100	A1 A2 B Other			
2	50*	A1 A2 B Other			
3	100	A1 A2 B Other			
4	100	A1 A2 B Other			
5	100	A1 A2 B Other			
6	100	A1 A2 B Other			
7		A1 A2 B Other			
Totals					
SOIL DESCRIPTION					
Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)			
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc. grass			
A1	1,2	Imported A1. Grass roots.			
A2	3,4	Imported clay fill. full of broken pipes + rubble. Possible old service trench.			
	5,6	Transition from clay fill to natural clay. Sordage in NE corner.			
B					
Description of material below B or the limit of excavations					

Plan

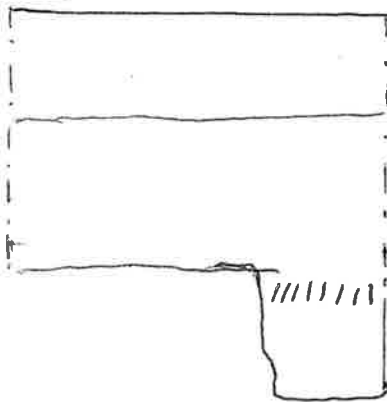


Spit drawn:

Section Plan

Face: N

Scale: 0 100 200 mm



Imported A1

Imported clay fill

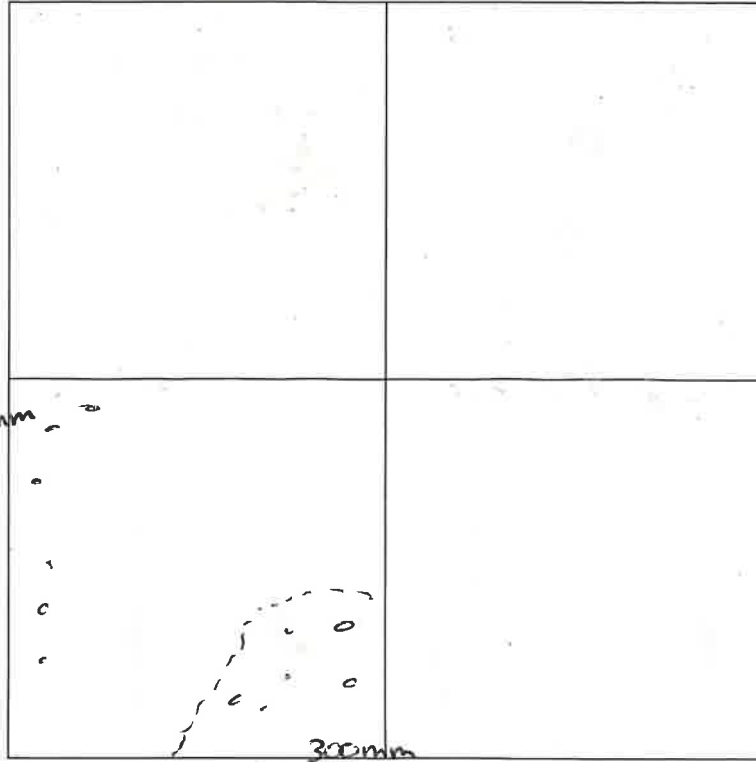
transition to natural clay.

Natural clay

Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A		TEST UNIT # PHOTO #	13 13		
Excavators	John + Jamie	Date	23.11.21 same as TL18		
SUMMARY OF EXCAVATION					
Total Count Aboriginal Objects	0				
Other evidence?					
Worthy of expansion? How?	No				
Plan #:	Samples (description & #):				
LOCATION					
GPS (for additional TU only)	Easting	Northing			
	3 7 7 3 3 8	6 2 6 3 4 5 6			
Soil landscape					
Landform	Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other				
Aspect	N	E	S W Slope %		
EXCAVATION wet sieved dry sieved					
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features - Special Interest	Aboriginal Objects #
1	100	(A1) A2 B Other			
2	100	(A1) A2 B Other			
3	50-100	A1 (A2) B Other			
4		A1 A2 B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					
SOIL DESCRIPTION					
Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)			
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc. Grass			
A1	1, 2.	Sandy loam, very fine + loose. lots of grass + tree roots.			
A2	3	Interface between A1 + clay (A2) more sharp ^{More sand} Very sharp. Some tile + glass. Deeper in SE corner. To 300mm. rest of TU stopped @ 250mm.			
		Base clay very plastic. TU same as TL17.			
B					
Description of material below B or the limit of excavations Clay					

Plan

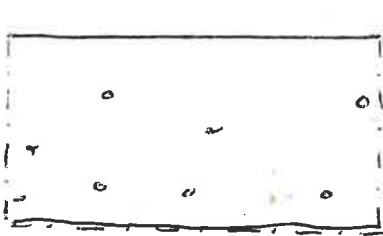


o = tree roots

Spit drawn: base of excavation \swarrow Deep pocket in SE corner

Section Plan

Face: N
Scale: 0 100 200 mm



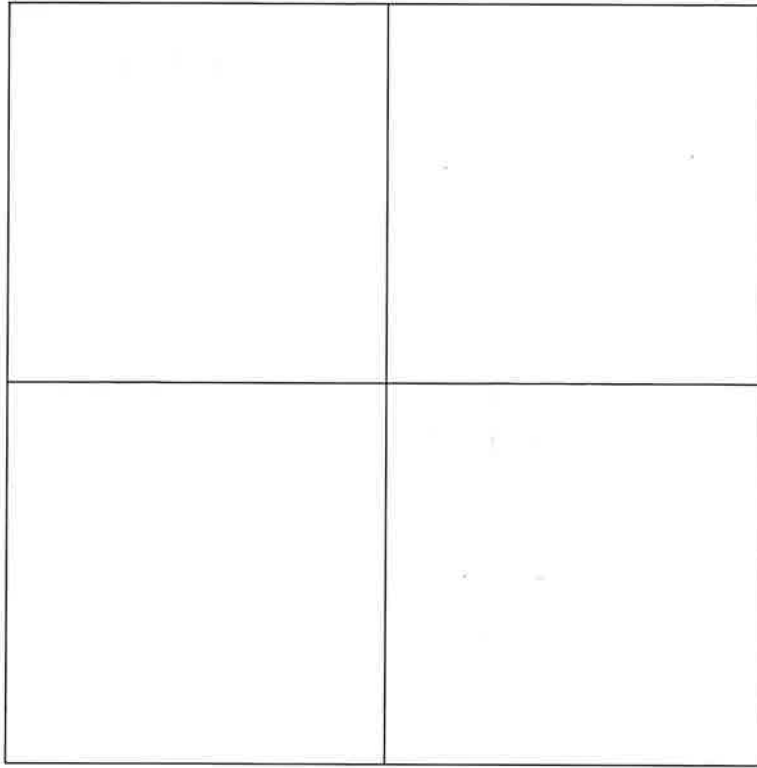
↓ increased sand w depth

o = tree roots

Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A		TEST UNIT #	14		
Excavators DK + John		PHOTO #			
		Date 24.11.21			
SUMMARY OF EXCAVATION					
Total Count Aboriginal Objects		0			
Other evidence?					
Worthy of expansion? How?		No			
Plan #:		Samples (description & #):			
LOCATION					
GPS (for additional TU only)	Easting	33740	Northing	6263435	
Soil landscape		340			
Landform		Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other			
Aspect		N E S W Slope %			
EXCAVATION wet sieved dry sieved					
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features - Special Interest	Aboriginal Objects #
1	100	A1 (A2) B Other			
2	50	A1 (A2) B Other			
3		A1 A2 B Other			
4		A1 A2 B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					
SOIL DESCRIPTION					
Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)			
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc. leaf litter			
A1/ A2	12	very small to no A1. sandy, silt A2, mid brown, some small-med roots.			
A2 B		transition onto orange yellow clay. v. friable.			
B					
Description of material below B or the limit of excavations					

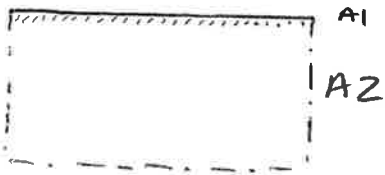
Plan



Spit drawn:

Section Plan

Face: **N**
Scale: 0 100 200 mm

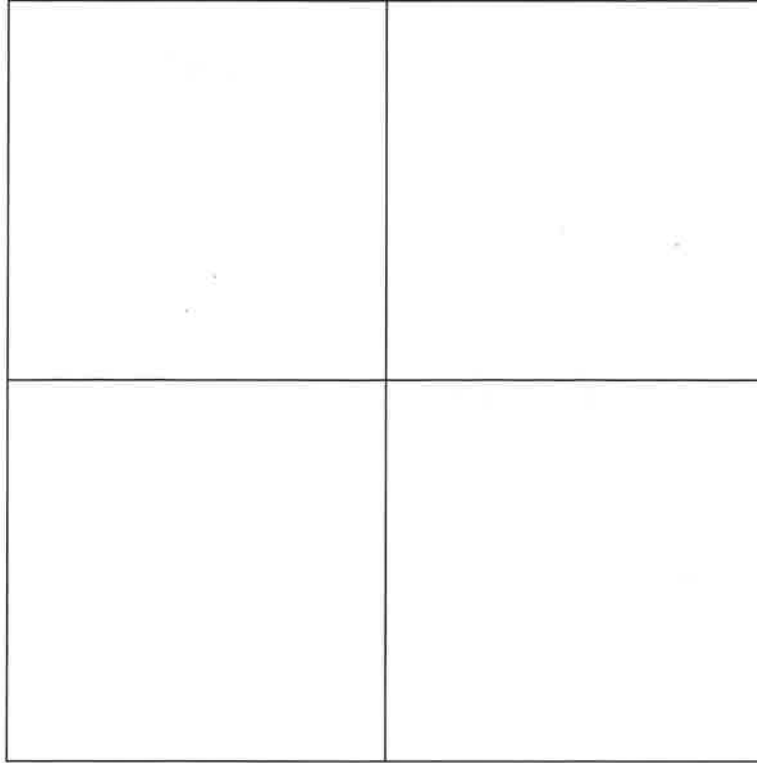


Natural clay.

Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A		TEST UNIT # PHOTO #	15		
Excavators	Kevin + Korrie	Date	24/11/21		
SUMMARY OF EXCAVATION					
Total Count Aboriginal Objects	0				
Other evidence?					
Worthy of expansion? How?	No				
Plan #:	Samples (description & #):				
LOCATION					
GPS (for additional TU only)	Easting	337351	Northing		
		6263421			
Soil landscape					
Landform	Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other				
Aspect	N	E	S		
	W	Slope %			
EXCAVATION					
	wet sieved	dry sieved			
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features – Special Interest	Aboriginal Objects #
1	100	A1 A2 B Other			
2	50	A1 A2 B Other			
3	50	A1 A2 B Other			
4		A1 A2 B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					
SOIL DESCRIPTION					
Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)			
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc. grass			
A1	1,2	Imported A1. grass roots			
A2	3	Natural A2, transition onto natural clay. Some ironstone in transition.			
B		Natural clay. Friable. Orange, yellow Contains ironstone.			
B					
Description of material below B or the limit of excavations					

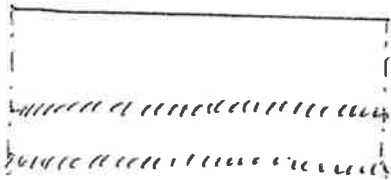
Plan



Spit drawn:

Section Plan

Face: N
Scale: 0 100 200mm



Imported A1

Natural A2

Natural clay

(All gradual transitions.)

Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A	TEST UNIT # 16.	PHOTO #
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Excavators	Drew + John	Date	24.11.21
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SUMMARY OF EXCAVATION

Total Count Aboriginal Objects	0
Other evidence?	
Worthy of expansion? How?	No
Plan #:	Samples (description & #):

LOCATION

GPS (for additional TU only)	Easting	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Northing	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
Soil landscape					
Landform	Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other				
Aspect	N	E	S	W	Slope %

EXCAVATION wet sieved dry sieved

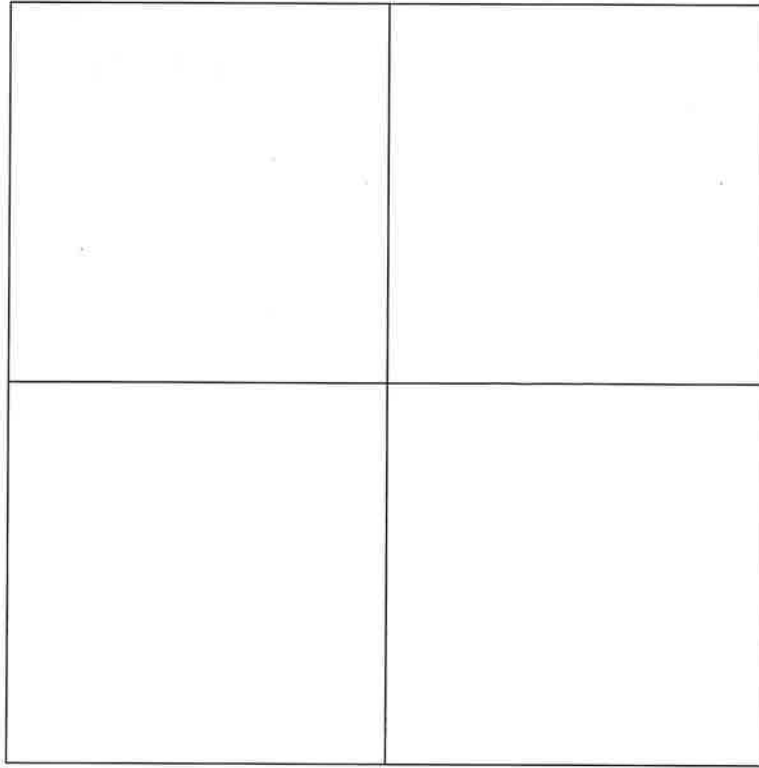
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features – Special Interest	Aboriginal Objects #
1	100	A1 A2 B Other			
2	100	A1 A2 B Other			
3		A1 A2 B Other			
4		A1 A2 B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					

SOIL DESCRIPTION

Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc. grass
A1	1,2	Imported A1 on stripped natural clay. Sharp transition.
A2 B		Yellow orange natural clay. Very compact. Believed to be stripped to this level.
B		

Description of material below B or the limit of excavations

Plan



Spit drawn:

Section Plan

Face: **N**
Scale: 0 100 200mm



Imported A1

Natural clay

Further Descriptions and Relationships to other TU

Project Name: Forest High School Relocation Aboriginal Excavation – Job #: 20-0444A	TEST UNIT # 17
	PHOTO #

Excavators DK + John	Date 24.11.21
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SUMMARY OF EXCAVATION

Total Count Aboriginal Objects	0
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Other evidence?	
-----------------	--

Worthy of expansion? How?	No
---------------------------	----

Plan #:	Samples (description & #):
---------	----------------------------

LOCATION

GPS (for additional TU only)	Easting	337323	Northing	6263484
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Soil landscape	
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Landform	Creek Bank / Terrace / Flat / Slope / Ridge Line / Hill Crest / Swamps / Depressions / Rock Outcrops / Other
----------	--

Aspect	N E S W Slope %
--------	-----------------

EXCAVATION wet sieved dry sieved

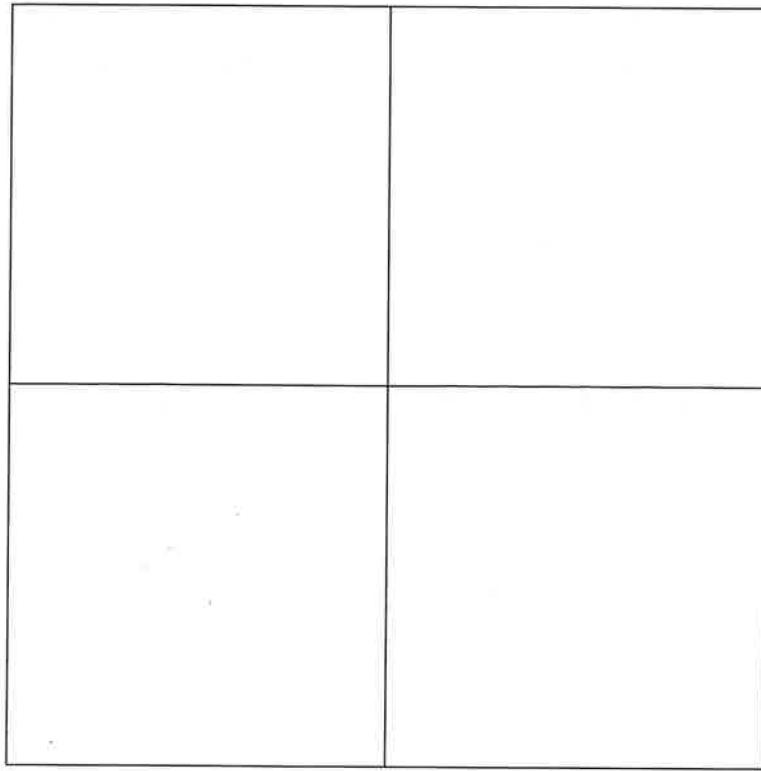
Spit #	Depth (mm)	Soil Horizon	Munsell & pH	Items/ Features - Special Interest	Aboriginal Objects #
1	100	A1 A2 B Other			
2		A1 A2 B Other			
3		A1 A2 B Other			
4		A1 A2 B Other			
5		A1 A2 B Other			
6		A1 A2 B Other			
7		A1 A2 B Other			
Totals					

SOIL DESCRIPTION

Soil Horizon	Strata/ Spit #	Soil (type, colour, difference in shade from other strata, compaction, particle size, inclusions, depth, bioturbation, vegetation, moisture, disturbance, carbon, evidence of burning/ heating, condition, integrity. Note bleached zones in the A2 and presence of ironstone gravels and/or stone layers, any cemented pans. All of these tend to be zones of artefact accumulation and the base of the biomantle.)
Surface Layer		Eg. Gravels, sand, litter, evidence of disturbance etc. grass
A1	1	Imported A1. Waterlogged. Dark brown. Gravel (Blue/grey) surface at base of spit 1.
A2		Excavation stopped.
B		

Description of material below B or the limit of excavations

Plan



Spit drawn:

Section Plan

Face: N

Scale: 0 100 200mm



Imported A1.
gravel surface.

Further Descriptions and Relationships to other TU

Appendix C

First Nations Community Consultation Logs

Aboriginal Consultation Log—The Forest High School Relocation Project—20-0444A

Stage 1—Notification of Project Proposal and Registration of Interest

Stage 1, Step 1—Contacting relevant authorities

Body/Group	Contact Information	Date Sent/Date Reply	Response/Comment
Heritage NSW	heritagemailbox@environment.nsw.gov.au	Sent 3/09/2021	
Metropolitan Local Aboriginal Land Council (LALC)	metrolalc@metrolalc.org.au	Sent 3/09/2021	
The Registrar, Aboriginal Lands Right Act 1983	adminofficer@oralra.nsw.gov.au	Sent 3/09/2021	
National Native Title Tribunal (NNTT)	GeospatialSearch@NNTT.gov.au	Sent 3/09/2021 Replied 3/09/2021	Detailed response in email. No overlap between Native Title Features and study area.
Native Title Services Corporation (NTSCORP Limited)	information@ntscorp.com.au	Sent 3/09/2021	
Local Council – Northern Beaches Local Council	council@northernbeaches.nsw.gov.au	Sent 3/09/2021	
Greater Sydney Local Land Services	gs.service@lls.nsw.gov.au	Sent 3/09/2021 Replied 3/09/2021	GS LLS 'feels it is not a primary source of contact for First Nations (Aboriginal) communities or persons...' – see email for details.

Stage 1, Step 2—Contacting people identified in Stage1, Step 1 & Newspaper notification

Organisation	Contact Information	Date Sent/Date Reply	Response/Comment
A1 Indigenous Services	Caroline Hickey 0411 650 057 cazadirect@live.com 10 Marie Pitt Place Glenmore Park NSW 2754	Sent 09/09/2021 16/09/2021	Registered for project
Amanda Hickey Cultural Services	Amanda Hickey 0434 480 588 amandahickey@live.com.au 57 Gough Street Emu Plains NSW 2750	Sent 09/09/2021	
Aragung Aboriginal Cultural Heritage Site Assessments	Jamie Eastwood 0427 793 334 or (02) 9832 3732 james.eastwood@y7mail.com	Sent 09/09/2021	

	33 Bulolo Drive Whalan NSW 2770		
B.H. Heritage Consultants	Ralph Hampton 0435 785 138 hamptonralph46@gmail.com 184 Captain Cook Drive Willmot NSW 2770	Sent 09/09/2021	
B.H. Heritage Consultants	Nola Hampton 0401 662 531 kinghampton77@gmail.com 95 Mount Ettalong Road Umina Beach NSW 2257	Sent 09/09/2021	
Badu	Karia Lea Bond 0476 381 207 11 Jeffery Place Moruya NSW 2537	Sent 10/09/21	
Barking Owl Aboriginal Corporation	Jody Kulakowski (Director) 0426 242 015 barkingowlcorp@gmail.com 2-65/69 Wehlow Street Mt Druitt NSW	Sent 09/09/2021	
Biamanga	Seli Storer biamangachts@gmail.com	Sent 09/09/2021	
Bilinga	Simalene Carriage bilingachts@gmail.com	Sent 09/09/2021	
Butucarbin Aboriginal Corporation	Jennifer Beale (02) 9832 7167 butuheritage@gmail.com PO Box E18 Emerton NSW 2770	Sent 09/09/2021 24/09/2021	Registered for project
Callendulla	Corey Smith cullendullachts@gmail.com	Sent 09/09/2021	
Darug Aboriginal Cultural Heritage Assessments	Gordon Morton 0418 494 951 or 0413 687 279 Unit 9, 6 Chapman Avenue Chatswood NSW 2067	Sent 10/09/21	
Darug Boorooberongal Elders Aboriginal Corporation	Paul Hand (Chairperson) 0456 786 738 paulhand1967@gmail.com PO Box 14 Doonside NSW 2767	Sent 09/09/2021	
Darug Custodian Aboriginal Corporation	Justine Coplin 0414 926 766 justinecoplin@optusnet.com.au PO Box 81 Windsor NSW 2756	Sent 09/09/2021 15/09/2021	Registered for project
Darug Land Observations	Jamie Workman and Anna Workman 0418 494 951 or 0413 687 279 daruglandobservations@gmail.com PO Box 173 Ulladulla NSW 2539	Sent 09/09/2021	
Dharug	Andrew Bond dharugchts@gmail.com	Sent 09/09/2021	

Didge Ngunawal Clan	Paul Boyd and Lillie Carroll 0426 823 944 didgegunawalclan@yahoo.com.au 33 Carlyle Crescent Cambridge Gardens NSW 2747	Sent 09/09/2021 Replied 09/09/2021	Registered.
DJMD Consultancy	Darren Duncan 0410 510 397 darrenjohnduncan@gmail.com	Sent 09/09/2021	
Eric Keidge	Eric Keidge 0431 166 423 11 Olsson Close Hornsby Heights NSW 2077	Sent 10/09/21	
Ginninderra Aboriginal Corporation	Steven Johnson and Krystle Carroll 0406 991 221 ginninderra.corp@gmail.com PO Box 3143 Grose Vale NSW 2754	Sent 09/09/2021	
Goobah Developments	Basil Smith 0405 995 725 goobahchts@gmail.com 66 Grantham Road Batehaven NSW 2536	Sent 09/09/2021	
Goodradigbee Cultural & Heritage Aboriginal Corporation	Caine Carroll 0410 974 236 goodradigbee1@outlook.com 1 Morilla Road East Kurrajong NSW 2758	Sent 09/09/2021	
Gulaga	Wendy Smith gulagachts@gmail.com	Sent 09/09/2021	
Gunyu	Kylie Ann Bell gunyuuchts@gmail.com	Sent 09/09/2021	
Guringai Tribal Link Aboriginal Corporation	Tracey Howie 0404 182 049 tracey@guringai.com.au PO Box 4061 Wyong NSW 2259	Sent 09/09/2021	
Jerringong	Joanne Anne Stewart 0422 800 049 jerringong@gmail.com	Sent 09/09/2021	
Kamilaroi Yankuntjatjara Working Group	Phil Khan 0434 545 982 philipkhan.acn@live.com.au 78 Forbes Street Emu Plains NSW 2750	Sent 09/09/2021 Replied 10/09/2021	Registered.
Metropolitan Local Aboriginal Land Council	Nathan Moran (02) 8394 9666 officeadmin@metrolalc.org.au PO Box 1103 Strawberry Hills NSW 2016	Sent 09/09/2021 1/10/2021	Registered
Minnamunnung	Aaron Broad 0402 526 888	Sent 10/09/21	

	1 Waratah Avenue Albion Park Rail NSW 2527		
Munyunga	Kaya Dawn Bell munyungachts@gmail.com	Sent 09/09/2021	
Mura Indigenous Corporation	Phillip Carroll 0448 824 188 mura.indigenous@bigpond.com 11 Nargal Street Flinders NSW 2529	Sent 10/09/21	Email undeliverable, invite sent as letter.
Murra Bidgee Mullangari Aboriginal Corporation	Darleen Johnson and Ryan Johnson 0490 051 102 or 0475 565 517 murrabidgeemullangari@yahoo.com.au PO Box 3035 Rouse Hill NSW 2155	Sent 09/09/2021	
Murramarang	Roxanne Smith murramarangchts@gmail.com	Sent 09/09/2021	
Murrumbul	Mark Henry murrumbul@gmail.com	Sent 09/09/2021	
Ngambaa Cultural Connections	Kaarina Slater 0422 729 117 ngambaaculturalconnections@hotmail.com 6 Natchez Crescent Greenfield Park NSW 2176	Sent 09/09/2021	
Nundagurri	Newton Carriage nundagurri@gmail.com	Sent 09/09/2021	
Pemulwuy CHTS	Pemulwuy Johnson 0425 066 100 pemulwuyd@gmail.com 14 Top Place Mt Annan NSW	Sent 09/09/2021	
Thauaira	Shane Carriage thauairachts@gmail.com	Sent 09/09/2021	
Thoorga Nura	John Carriage (Chief Executive Officer) 0401 641 299 thoorganura@gmail.com 50B Hilltop Crescent Surf Beach NSW 2535	Sent 09/09/2021	
Tocomwall	Scott Franks 0404 171 544 PO Box 145 Miranda NSW 1490	Sent 09/09/2021	
Waawaar Awaar Aboriginal Corporation	Rodney Gunther and Barry Gunther Rodney: 0410 580 962; Barry: 0451 176 473 waawaar.awaa@gmail.com 15Bungonia Street Prestons NSW 2170	Sent 09/09/2021	
Wailwan Aboriginal Group	Philip Boney 0436 483 210 waarlan12@outlook.com	Sent 09/09/2021	
Walbunja	Hika Te Kowhai 0402 730 612	Sent 09/09/2021	

	walbunja@gmail.com		
Walgalu	Ronald Stewart walgaluchts@gmail.com	Sent 09/09/2021	
Wingikara	Hayley Bell wingikarachts@gmail.com	Sent 09/09/2021	
Wori Woolywa	Daniel Chalker 0409 006216 woriwoolywa@gmail.com 261 Mockingbird Road Pheasants Nest NSW 2574	Sent 09/09/2021	
Wullung	Lee-Roy James Boota 0403 703 942 54 Blackwood Street Gerringong NSW 2534	Sent 10/09/21	
Wurrumay Pty Ltd	Kerrie Slater and Vicky Slater 0421 077 521 wurrumay@hotmail.com 33 Gardener Cct Singleton NSW 2330	Sent 09/09/2021	
Yerramurra	Robert Parson yerramurra@gmail.com	Sent 09/09/2021	

Newspaper	Date Published
Manly Daily Digital Edition	17/09/2021

Registration cut-off date: 1 October 2021 (14 days must be allowed for Aboriginal people to register an interest in the project)

Stage 1, Step 3—Registered Aboriginal Parties (RAPs) and LALC/Heritage NSW Notification

List of Registered Aboriginal Parties (RAPs)

Registered Aboriginal Party	Contact Information
A1 Indigenous Services	Caroline Hickey 0411 650 057 cazadirect@live.com
Butucarbin Aboriginal Corporation	Jennifer Beale (02) 9832 7167 butuheritage@gmail.com
Darug Custodian Aboriginal Corporation	Justine Coplin 0414 926 766 justinecoplin@optusnet.com.au
Didge Ngunawal Clan	Paul Boyd and Lillie Carroll 0426 823 944 didgengunawalclan@yahoo.com.au
Kamilaroi Yankuntjatjara Working Group	Phil Khan 0434 545 982 philipkhan.acn@live.com.au
Metropolitan LALC	Rowena Welsh-Jarrett (02) 8394 9666 culturalheritage@metrolalc.org.au officeadmin@metrolalc.org.au
Tocomwall	Scott Franks 0404171544 scott@tocomwall.com.au

A copy of the registered Aboriginal parties, invitation to register and newspaper notice must be provided to the LALC and Heritage NSW within 28 days of the closing data for registering an interest.

Organisation	Date Sent
LALC	5/10/2021
Heritage NSW	5/10/2021

Stage 2–Project Presentation and Gathering Information about Cultural Significance of the Proposed Project

Stage 2, Step 1–RAP Review of ARD/Methodology

Registered Aboriginal Party	Date Sent/Date Reply	Response/Comment
A1 Indigenous Services	5/10/2021	No comment
Butucarbin Aboriginal Corporation	5/10/2021	No comment
Darug Custodian Aboriginal Corporation	5/10/2021	No comment
Didge Ngunawal Clan	5/10/2021	No comment
Kamilaroi Yankuntjatjara Working Group	5/10/2021	No comment
Metropolitan LALC	5/10/2021	No comment
Tocomwall	5/10/2021	No comment

ARD review period ends: Tuesday 2 November 2021. (Minimum 28 days must be provided to review the ARD.)

Stage 2, Step 2–Archaeological Survey/Test Excavation

Heritage NSW must be notified at least 14 days before start of test excavation.

Organisation	Date Sent
Heritage NSW	5/11/2021

Opportunity for RAPs to visit study area/participate in fieldwork.

Registered Aboriginal Party	Date Sent/Date Reply	Response/Comment/Representative
Tocomwal	Sent 11/11/2021 Replied 11/11/2021	Called to confirm fieldwork
Darug Custodian Aboriginal Corporation	Sent 11/11/2021 Replied 24/11/2021	Saw the email after fieldwork
Metropolitan LALC	Sent 15/11/2021	Registered interest on the phone 11/11/2021
Kamilaroi Yankuntjatjara Working Group	Sent 17/11/2021 Replied 17/11/2021	Registered for fieldwork

Stage 3—Review of draft Aboriginal Cultural Heritage Assessment Report

Stage 3, Step 1—RAP Review of draft ACHAR

Registered Aboriginal Party	Date Sent/Date Reply	Response/Comment
A1 Indigenous Services	20/01/2022	
Butucarbin Aboriginal Corporation	20/01/2022	
Darug Custodian Aboriginal Corporation	20/01/2022	
Didge Ngunawal Clan	20/01/2022	
Kamilaroi Yankuntjatjara Working Group	20/01/2022	
Metropolitan LALC	20/01/2022	
Tocomwal	20/01/2022	

ACHAR review period ends: 17 February 2022. (Minimum 28 days must be provided to review the ACHAR.)

Stage 3, Step 2—AHIP submission

Organisation	Date Sent
Heritage NSW	

RAPs and LALC (whether or not they registered for the project) must be provided with a copy of the final ACHAR and the AHIP application within 14 days of submission ([Click or tap here to enter text.](#)).

Stage 3, Step 3—RAP notification of AHIP submission

Registered Aboriginal Party	Date Sent

Stage 4—Project Updates

Organisation	Date	Date	Date	Date	Date

Coulson, Andie

From: LLS GS Service Mailbox <gs.service@lls.nsw.gov.au>
Sent: Friday, 3 September 2021 10:39 AM
To: Aboriginal Heritage
Subject: Re: 20-0444A Allambie Heights The Forest High School Relocation Project Community Consultation

Dear Ms Holm

Thank you for your recent letter seeking assistance to identify Aboriginal stakeholder organisations and persons who may hold an interest in Country at the project area designated in your correspondence.

Greater Sydney Local Land Services (GS LLS) acknowledges that Local Land Services (formerly as Catchment Management Authorities) has been listed in Section 4.1.3.(g) of the Aboriginal Cultural Heritage Consultation requirements for proponents 2010, to support Part 6, of the NSW National Parks and Wildlife Act 1974 as a source of information to obtain the 'names of Aboriginal people who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/or places'.

GS LLS understands and respects the significant role and values that tangible and intangible Aboriginal Cultural Heritage holds for First Nations/Aboriginal people with Country. GS LLS also partners with many First Nations communities on Caring for Country projects that aim to protect and enhance those tangible and intangible values in Country including Aboriginal Cultural Heritage. GS LLS considers Aboriginal Cultural Heritage matters in relation to its role in land management and considers cultural heritage issues in the context of Natural Resource Management.

However, GS LLS feels that it is not a primary source of contact for First Nations (Aboriginal) communities or persons that may inform or provide comment on development or planning issues.

GS LLS strongly recommends you contact Heritage NSW to seek their advice on all-inclusive contact lists of persons and organisations who 'speak for Country' and that may assist with your investigation.

Regards

Customer Service Team

Greater Sydney Local Land Services

Level 4, 2 - 6 Station St Penrith | PO Box 4515, Westfield Penrith NSW 2750

T: 02 4724 2100

E: gs.service@lls.nsw.gov.au | **W:** www.greatersydney.lls.nsw.gov.au

You can also contact us through our [online enquiry form](#)

Greater Sydney Local Land Services acknowledges we operate in and deliver services throughout Country of First Nations people in the Greater Sydney Region.

We recognise and respect Elders and cultural knowledge holders, past and present, while acknowledging the unique and diverse enduring cultures and histories of all First Nations people.

Always was and always will be Aboriginal land.



From: Aboriginal Heritage <ach@gml.com.au>

Sent: Friday, 3 September 2021 9:50 AM

To: LLS GS Service Mailbox <gs.service@lls.nsw.gov.au>

Subject: 20-0444A Allambie Heights The Forest High School Relocation Project Community Consultation

Dear Sir/Madam,

The opportunity has arisen for archaeological works in Allambie Heights. These works will involve community consultation.

Please find attached a request for information in relation to potentially interested Aboriginal parties.

Kind regards,
Andie Coulson

GML Heritage

Level 6 372 Elizabeth St, Surry Hills NSW 2010

T Reception: 02 9319 4811

www.gml.com.au



GML Heritage respects and acknowledges Australia's First Peoples and Traditional Custodians of the lands and waterways on which we live and work. We acknowledge Elders past and present. We advocate social and cultural justice and support the Uluru Statement from the Heart.

The information contained in this e-mail message and any attached files may be confidential and may contain copyright material of GML Heritage Pty Ltd or third parties. Any unauthorised use, disclosure or copying of this e-mail and/or its attachments is prohibited. If you have received this e-mail in error please notify the sender immediately by return e-mail and delete all copies of the message and attachments. Before opening or using attachments, please check them for viruses or defects. Our liability is limited to resupplying the e-mail and attached files. Content and views expressed in this e-mail may be those of the sender, and are not necessarily endorsed by GML Heritage Pty Ltd.

Please think before you print.

Talei Holm, GML Heritage Consultants
GML Heritage
6/372 Elizabeth Street
Surry Hills NSW 2010
ach@gml.com.au

RE: Request for information on Aboriginal stakeholders for an Aboriginal cultural heritage assessment for the “Proposed Forest High School relocation project, Allambie Heights, NSW”

Dear Talei,

Thank you for your letter of 3 September 2021 about Aboriginal cultural heritage consultation for the proposed “Proposed Forest High School relocation project, Allambie Heights, NSW”, within the Northern Beaches local government area. I appreciate the opportunity to provide input.

Please find enclosed a list of known Aboriginal parties for Northern Beaches local government area (Attachment 1) that we consider likely to have an interest in the proposal. Note this is not an exhaustive list of all interested Aboriginal parties. Receipt of this list does not remove the requirement for a proponent/consultant to advertise the proposal in the local print media and contact other bodies and community groups seeking interested Aboriginal parties, in accordance with the ‘*Aboriginal cultural heritage consultation requirements for proponents 2010*’ (the CRs).

We would also like to take this opportunity to remind the proponent and consultant to:

- Ensure that consultation is fair, equitable and transparent. If the Aboriginal parties express concern or are opposed to parts of or the entire project, we expect that evidence will be provided to demonstrate the efforts made to find common ground between the

opponents and the proponent.

If you have any questions about this advice, please do not hesitate to contact me via paul.houston@environment.nsw.gov.au or 02 68835361.

Yours sincerely

A handwritten signature in black ink, appearing to read "Paul Houston", with a stylized flourish at the end.

Paul Houston
Aboriginal Heritage Planning Officer
Aboriginal Cultural Heritage Regulation - Northern
Heritage NSW
Department of Premier and Cabinet
9 September 2021

ATTACHMENT A

Table 1: List of Aboriginal stakeholder groups within the Northern Beaches LGA. - that may have an interest in the project; provided as per the “OEH Aboriginal cultural heritage requirement for proponents 2010”.

Northern Beaches Local Government Area

Organisation/ Individual	Contact Name	Email Address/ Fax / Phone	Postal Address	Additional information
Guringai Tribal Link Aboriginal Corporation	Tracey Howie	0404 182 049	tracey@guringai.com.au	PO Box 4061 Wyongah NSW 2259
Metropolitan Local Aboriginal Land Council	Nathan Moran	(02) 83949666 officeadmin@metrolalc.org.au	PO Box 1103 Strawberry Hills NSW 2016	
Darug Aboriginal Cultural Heritage Assessments	Gordon Morton	02 9410 3665 or 0422 865 831	Unit 9, 6 Chapman Avenue, Chatswood, NSW 2067	
Darug Land Observations	Jamie Workman and Anna Workman	0418 494 951 0413 687 279 daruglandobservations@gmail.com	PO Box 173, Ulladulla, NSW 2539	
A1 Indigenous Services	Carolyn Hickey	0411 650 057 cazadirect@live.com	10 Marie Pitt Place Glenmore Park 2745 NSW.	
Eric Keidge	Eric Keidge	04311 66423	11 Olsson Close Hornsby Heights NSW 2077	
Kamilaroi Yankuntjatjara Working Group	Phil Khan	0434 545 982 philipkhan.acn@live.com.au	78 Forbes Street, Emu Plains, NSW 2750	
Tocomwall	Scott Franks	0404 171 544	Po box 145, Miranda NSW 1490	
Amanda Hickey Cultural Services	Amanda Hickey	0434 480 588 amandahickey@live.com.au	57 Gough st emu plains 2750	
Gunyu	Kylie Ann Bell	gunyuuchts@gmail.com		
Walbunja	Hika Te Kowhai	0402 730 612 walbunja@gmail.com		
Badu	Karia Lea Bond	0476 381 207	11 Jeffery Place, Moruya, NSW 2537	

Goobah Developments	Basil Smith	0405 995 725 goobahchts@gmail.com	66 Grantham Road, Batehaven NSW, 2536	
Wullung	Lee-Roy James Boota	0403 703 942	54 Blackwood Street, Gerringong, NSW, 2534	
Yerramurra	Robert Parson	yerramurra@gmail.com		
Nundagurri	Newton Carriage	nundagurri@gmail.com		
Murrumbul	Mark Henry	murrumbul@gmail.com		
Jerringong	Joanne Anne Stewart	0422 800 184 jerringong@gmail.com		
Pemulwuy CHTS	Pemulwuy Johnson	0425 066 100 pemulwuyd@gmail.com	14 Top Place, Mt Annan	
Bilinga	Simalene Carriage	bilingachts@gmail.com		
Munyunga	Kaya Dawn Bell	munyangchts@gmail.com		
Wingikara	Hayley Bell	wingikarachts@gmail.com		
Minnamunning	Aaron Broad	0402 526 888	1 Waratah Avenue, Albion Park Rail NSW 2527	
Walgalu	Ronald Stewart	walgaluchts@gmail.com		
Thauaira	Shane Carriage	thauairachts@gmail.com		
Dharug	Andrew Bond	dharugchts@gmail.com		
Gulaga	Wendy Smith	gulagachts@gmail.com		
Biamanga	Seli Storer	biamangachts@gmail.com		
Callendulla	Corey Smith	cullendullachts@gmail.com		
Murramarang	Roxanne Smith	murramarangchts@gmail.com		
DJMD Consultancy	Darren Duncan	0410 510 397 darrenjohnduncan@gmail.com		
Butucarbin Aboriginal Corporation	Jennifer Beale	(02)9832 7167 butuheritage@gmail.com	PO Box E18, Emerton, NSW 2770	
Didge Ngunawal Clan	Lillie Carroll Paul Boyd	0426 823 944 didgengunawalclan@yahoo.com.au	33 Carlyle Crescent Cambridge Gardens NSW 2747	

Ginninderra Aboriginal Corporation	Steven Johnson and Krystle Carroll	0406991221 Ginninderra.corp@gmail.com	PO BOX 3143 Grose Vale NSW 2754	
Wailwan Aboriginal Group	Philip Boney	0436 483 210 waarlan12@outlook.com		
Barking Owl Aboriginal Corporation	Mrs Jody Kulakowski (Director)	0426 242 015 barkingowlcorp@gmail.com	2-65/69 Wehlow St. Mt Druitt	
Thoorga Nura	John Carriage (Chief Executive Officer)	0401 641 299 thoorganura@gmail.com	50B Hilltop Crescent, Surf Beach, 2536, NSW	
Darug Boorooberongal Elders Aboriginal Corporation	Paul Hand (chairperson)	0456786738 paulhand1967@gmail.com	PO.Box 14 Doonside NSW 2767	
B.H. Heritage Consultants	Ralph Hampton Nola Hampton	0435 785 138 0401 662 531 hamptonralph46@gmail.com kinghampton@77gmail.com	184 Captain Cook Drive Willmot 2770 NSW 95 Mount Ettalong Road Umina Beach 2257 NSW	
Ngambaa Cultural Connections	Kaarina Slater	0422 729 117 ngambaaculturalconnections@hotmail.com	6 Natchez Cresent, Greenfield Park NSW 2176	
Goodradigbee Cultural & Heritage Aboriginal Corporation,	Caine Carroll	0410974236 goodradigbee1@outlook.com	<u>1 Morilla Road, East Kurrajong NSW 2758</u>	
Mura Indigenous Corporation,	Phillip Carroll	0448824188 mura.indigenous@bigpond.com	<u>11 Nargal Street Flinders NSW 2529</u>	
Aragung Aboriginal Cultural Heritage Site Assessments	Jamie Eastwood	0427793334 0298323732 James.eastwood@y7mail.com	<u>33 Bulolo Drive Whalan NSW 2770</u>	
Waawaar Awaab Aboriginal Corporation	Rodney Gunther Barry Gunther	Rodney Gunther – 0410580962 Barry Gunther – 0451 176 473 Waawaar.awaab@gmail.com	15 Bungonia Street Prestons NSW 2170	
Wori Woilywa	Daniel Chalker	woriwoilywa@gmail.com 0409006216	261 Mockingbird Rd Pheasants Nest NSW 2574	
Darug Custodian Aboriginal Corporation	Justine Coplin	0414 962 766 justinecoplin@optusnet.com.au	PO Box 81, Windsor NSW 2756	
Wurrumay Pty Ltd	Kerrie Slater and Vicky Slater	0421077521 wurrumay@hotmail.com	33 Gardner Cct Singleton NSW 2330	
Murra Bidgee Mullangari Aboriginal Corporation	Darleen Johnson Ryan Johnson	0490 051 102 0475565517 murrabidgeemullangari@yahoo.com.au	PO Box 3035 Rouse Hill NSW 2155	

Coulson, Andie

From: Paul Houston <Paul.Houston@environment.nsw.gov.au>
Sent: Thursday, 9 September 2021 8:23 AM
To: Aboriginal Heritage
Subject: RAP letter for Proposed Forest High School relocation project, Allambie Heights, NSW
Attachments: DOC21-787798- Proposed Forest High School relocation project, Allambie Heights, NSW.pdf

Talei

Please find attached RAP letter for Proposed Forest High School relocation project, Allambie Heights, NSW.

If you have any questions please contact me.

Thanxs
Paul

Paul Houston, Aboriginal Heritage Planning Officer
Heritage NSW, Community Engagement, Department of Premier and Cabinet
142 Brisbane St, Dubbo NSW 2830
T: 02 68835361, M: 0427832205 | Paul.Houston@environment.nsw.gov.au

Please lodge all Applications to Heritagemailbox@environment.nsw.gov.au

I acknowledge and respect the traditional custodians and ancestors of the lands I work across.

Heritage NSW and coronavirus (COVID-19)

Heritage NSW has taken steps to protect the safety, health and wellbeing of our staff, communities and customers. Whilst our offices remain open, we have put in place flexible working arrangements for our teams across NSW and continue to adapt our working arrangements as necessary. Face-to-face meetings and field work/site visits with our customers are subject to rules on gatherings and social distancing measures. We thank you for your patience and understanding at this time.

This email is intended for the addressee(s) named and may contain confidential and/or privileged information. If you are not the intended recipient, please notify the sender and then delete it immediately. Any views expressed in this email are those of the individual sender except where the sender expressly and with authority states them to be the views of the NSW Office of Environment, Energy and Science.

PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS EMAIL

Coulson, Andie

From: Geospatial Search Requests <GeospatialSearch@NNTT.gov.au>
Sent: Friday, 3 September 2021 12:50 PM
To: Aboriginal Heritage
Subject: RE: SR21/1361 - 20-0444A Allambie Heights The Forest High School Relocation Project Community Consultation - SR21/1361

UNCLASSIFIED

Native title search – NSW Parcels – Lots 1 & 13 on DP1112906 & Lot 11 on DP1194177
Your ref: 20-0444 - Our ref: SR21/1361

Dear Talei Holm,

Thank you for your search request received on 03 September 2021 in relation to the above area, please find your results below.

Please note: The following parcel listed in your correspondence was not found on the National Native Title Tribunal's records as 03 September 2021 : *Lot 1 on DP1112906* however we have provided results for both *Lots 11 & 12 on DP1112906*.

Search Results

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

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

Cadastral data as at: 01/02/2021

Parcel ID	Feature Area SqKm	Overlapping Native Title Feature			
		Tenure	NNTT File Number	Name	Catego
11//DP1112906	0.0134	CROWN	No overlap		
		FREEHOLD	No overlap		
11//DP1194177	0.0444	CROWN	No overlap		
		FREEHOLD	No overlap		
12//DP1112906	0.0135	CROWN	No overlap		
		FREEHOLD	No overlap		
13//DP1112906	0.0027	CROWN	No overlap		
		FREEHOLD	No overlap		

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

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

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

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

Search results and the existence of native title

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

The Tribunal accepts no liability for reliance placed on enclosed information

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

Cultural Heritage Searches in NSW

The National Native Title Tribunal (the Tribunal) has undertaken steps to remove itself from the formal list of sources for information about indigenous groups in development areas. The existence or otherwise of native title is quite separate to any matters relating to Aboriginal cultural heritage. Information on native title claims, native title determinations and Indigenous Land Use Agreements is available on the Tribunal's website.

Interested parties are invited to use Native Title Vision (NTV) the Tribunal's online mapping system to discover native title matters in their area of interest. Access to NTV is available at

<http://www.nntt.gov.au/assistance/Geospatial/Pages/NTV.aspx>

Training and self-help documents are available on the NTV web page under "Training and help documents". For additional assistance or general advice on NTV please contact GeospatialSearch@NNTT.gov.au

Additional information can be extracted from the Registers available at

<http://www.nntt.gov.au/searchRegApps/Pages/default.aspx>

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

Regards,

Geospatial Searches

National Native Title Tribunal | Perth

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

From: Aboriginal Heritage <ach@gml.com.au>

Sent: Friday, 3 September 2021 7:51 AM

To: Geospatial Search Requests <GeospatialSearch@NNTT.gov.au>

Subject: SR21/1361 - 20-0444A Allambie Heights The Forest High School Relocation Project Community Consultation

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

Dear Sir/Madam,

The opportunity has arisen for archaeological works in Allambie Heights. These works will involve community consultation.

Please find attached a request for information in relation to potentially interested Aboriginal parties, and a request for a spatial search of the Tribunal.

Kind regards,
Andie Coulson

GML Heritage

Level 6 372 Elizabeth St, Surry Hills NSW 2010

T Reception: 02 9319 4811

www.gml.com.au



GML Heritage respects and acknowledges Australia's First Peoples and Traditional Custodians of the lands and waterways on which we live and work. We acknowledge Elders past and present. We advocate social and cultural justice and support the Uluru Statement from the Heart.

The information contained in this e-mail message and any attached files may be confidential and may contain copyright material of GML Heritage Pty Ltd or third parties. Any unauthorised use, disclosure or copying of this e-mail and/or its attachments is prohibited. If you have received this e-mail in error please notify the sender immediately by return e-mail and delete all copies of the message and attachments. Before opening or using attachments, please check them for viruses or defects. Our liability is limited to resupplying the e-mail and attached files. Content and views expressed in this e-mail may be those of the sender, and are not necessarily endorsed by GML Heritage Pty Ltd.

Please think before you print.



Request for Spatial Search of Tribunal Registers

1: Your details

Your name:	<i>Talei Holm</i>		
Your company:	<i>GML Heritage</i>		
E-mail address:	<i>ach@gml.com.au</i>	Phone:	<i>02 9319 4811</i>
Your reference:	<i>20-0444</i>	Your state:	<i>New South Wales</i>
<input checked="" type="checkbox"/>	<i>I have read and acknowledge the terms and conditions on the next page.</i>		

2: Areas to be searched

Jurisdiction to be searched:	<i>New South Wales</i>	Tenure to be searched:	<i>Select one.</i>
------------------------------	------------------------	------------------------	--------------------

Non freehold parcel or tenement identifiers (add up to 20 separate identifiers)

Parcel 1:	<i>Lot 1, DP1112906</i>	Parcel 2:	<i>Lot 13, DP1112906</i>
Parcel 3:	<i>Lot 11, DP1194177</i>	Parcel 4:	<i>Click or tap here to enter text.</i>
Parcel 5:	<i>Click or tap here to enter text.</i>	Parcel 6:	<i>Click or tap here to enter text.</i>
Parcel 7:	<i>Click or tap here to enter text.</i>	Parcel 8:	<i>Click or tap here to enter text.</i>
Parcel 9:	<i>Click or tap here to enter text.</i>	Parcel 10:	<i>Click or tap here to enter text.</i>
Parcel 11:	<i>Click or tap here to enter text.</i>	Parcel 12:	<i>Click or tap here to enter text.</i>
Parcel 13:	<i>Click or tap here to enter text.</i>	Parcel 14:	<i>Click or tap here to enter text.</i>
Parcel 15:	<i>Click or tap here to enter text.</i>	Parcel 16:	<i>Click or tap here to enter text.</i>
Parcel 17:	<i>Click or tap here to enter text.</i>	Parcel 18:	<i>Click or tap here to enter text.</i>
Parcel 19:	<i>Click or tap here to enter text.</i>	Parcel 20:	<i>Click or tap here to enter text.</i>

If your search area is not a non-freehold parcel or mining or petroleum tenement, you can enter other tenure or administrative regions here (e.g. local government area, townsite or county). Please provide as much detail as you can.

Click or tap here to enter text.

E-mail the completed form to GeospatialSearch@NNTT.gov.au

Terms and Conditions

1. Specify only one jurisdiction (e.g. Queensland) and one type of tenure (e.g. mining tenement) per form. You can add up to 20 separate tenements or parcels per search request. For more than 20 parcels or tenements please submit additional search requests or contact GeospatialSearch@NNTT.gov.au to discuss your requirements.

Note: if your area of interest cannot be clearly identified from the search form, or is not held in NNTT datasets, we may instead provide search results for a surrounding local government area, or other suitable regional area.

2. The NNTT does not conduct searches over freehold land (other than freehold land identified as aboriginal freehold)

Under the Native Title Act 1993 (Cth), the valid grant of a freehold estate (other than certain types of Aboriginal and Torres Strait Islander land) on or before 23 December 1996 is known as a 'previous exclusive possession act'. This means that native title has been extinguished over the area. Native title claimants are not allowed to include land and waters covered by previous exclusive possession acts in their applications; therefore they would normally exclude freehold areas. A native title application may, however, be made over freehold land on the basis that freehold was invalidly granted, but the chances of this happening are very low.

The NNTT is not the custodian of the data for freehold estates. To determine whether a particular parcel of land is freehold land, you may wish to seek such information from the relevant state government custodian.

3. Cultural Heritage in NSW.

The National Native Title Tribunal has undertaken steps to remove itself from the formal list of sources for information about indigenous groups in development areas. The existence or otherwise of native title is quite separate to any matters relating to Aboriginal cultural heritage. Information on native title claims, native title determinations and Indigenous Land Use Agreements is available on the Tribunal's website.

4. Spatial searches rely on data obtained from the relevant custodian. Whilst efforts are taken to update such datasets on a regular basis, the collection and interpretation of such datasets may be influenced by a number of factors that can impact of the completeness and accuracy of your search results.

Disclaimer

While the National Native Title Tribunal (NNTT) and the Native Title Registrar (Registrar) have exercised due care in ensuring the accuracy of the information provided, it is provided for general information only and on the understanding that neither the NNTT, the Registrar nor the Commonwealth of Australia is providing professional advice. Appropriate professional advice relevant to your circumstances should be sought rather than relying on the information provided. In addition, you must exercise your own judgment and carefully evaluate the information provided for accuracy, currency, completeness and relevance for the purpose for which it is to be used.

The information provided is often supplied by, or based on, data and information from external sources, therefore the NNTT and Registrar cannot guarantee that the information is accurate or up-to-date.

The NNTT and Registrar expressly disclaim any liability arising from the use of this information.

This information should not be relied upon in relation to any matters associated with cultural heritage.

Coulson, Andie

From: Aboriginal Heritage
Sent: Friday, 3 September 2021 9:51 AM
To: metrolalc@metrolalc.org.au
Subject: 20-0444A Allambie Heights The Forest High School Relocation Project Community Consultation
Attachments: 20-0444AMLALCc1.pdf

Dear Sir/Madam,

The opportunity has arisen for archaeological works in Allambie Heights. These works will involve community consultation.

Please find attached a request for information in relation to potentially interested Aboriginal parties.

Kind regards,
Andie Coulson

Coulson, Andie

From: Aboriginal Heritage
Sent: Friday, 3 September 2021 9:50 AM
To: heritagemailbox@environment.nsw.gov.au
Subject: 20-0444A Allambie Heights The Forest High School Relocation Project Community Consultation
Attachments: 20-0444AHNSWc1.pdf

Dear Sir/Madam,

The opportunity has arisen for archaeological works in Allambie Heights. These works will involve community consultation.

Please find attached a request for information in relation to potentially interested Aboriginal parties.

With regards to section 4.1.3 of the *Aboriginal cultural heritage consultation requirements for proponents 2010*, which requires a newspaper notification to be issued; the local newspaper for the Allambie Heights area, The Manly Daily, became fully online as of 2020. GML intends to lodge the required notice on the online notices of the Manly Daily. Please advise if this does not meet the requirements, and an alternative will be sought.

Best,
Andie Coulson

Coulson, Andie

From: Aboriginal Heritage
Sent: Friday, 3 September 2021 9:51 AM
To: council@northernbeaches.nsw.gov.au
Subject: 20-0444A Allambie Heights The Forest High School Relocation Project Community Consultation
Attachments: 20-0444ANBLCc1.pdf

Dear Sir/Madam,

The opportunity has arisen for archaeological works in Allambie Heights. These works will involve community consultation.

Please find attached a request for information in relation to potentially interested Aboriginal parties.

Kind regards,
Andie Coulson

Coulson, Andie

From: Aboriginal Heritage
Sent: Friday, 3 September 2021 9:51 AM
To: gs.service@lls.nsw.gov.au
Subject: 20-0444A Allambie Heights The Forest High School Relocation Project Community Consultation
Attachments: 20-0444AGSLLSc1.pdf

Dear Sir/Madam,

The opportunity has arisen for archaeological works in Allambie Heights. These works will involve community consultation.

Please find attached a request for information in relation to potentially interested Aboriginal parties.

Kind regards,
Andie Coulson

Coulson, Andie

From: Aboriginal Heritage
Sent: Friday, 3 September 2021 9:51 AM
To: information@ntscorp.com.au
Subject: 20-0444A Allambie Heights The Forest High School Relocation Project Community Consultation
Attachments: 20-0444ANTSCc1.pdf

Dear Sir/Madam,

The opportunity has arisen for archaeological works in Allambie Heights. These works will involve community consultation.

Please find attached a request for information in relation to potentially interested Aboriginal parties.

Kind regards,
Andie Coulson

Coulson, Andie

From: Aboriginal Heritage
Sent: Friday, 3 September 2021 9:51 AM
To: 'GeospatialSearch@NNTT.gov.au'
Subject: 20-0444A Allambie Heights The Forest High School Relocation Project Community Consultation
Attachments: 20-0444 Request for Spatial Search of Tribunal.pdf; 20-0444ANNTTc1.pdf

Dear Sir/Madam,

The opportunity has arisen for archaeological works in Allambie Heights. These works will involve community consultation.

Please find attached a request for information in relation to potentially interested Aboriginal parties, and a request for a spatial search of the Tribunal.

Kind regards,
Andie Coulson

Coulson, Andie

From: Aboriginal Heritage
Sent: Friday, 3 September 2021 9:51 AM
To: 'adminofficer@oralra.nsw.gov.au'
Subject: 20-0444A Allambie Heights The Forest High School Relocation Project Community Consultation
Attachments: 20-0444ARALRc1.pdf

Dear Sir/Madam,

The opportunity has arisen for archaeological works in Allambie Heights. These works will involve community consultation.

Please find attached a request for information in relation to potentially interested Aboriginal parties.

Kind regards,
Andie Coulson

2 September 2021

Greater Sydney Local Land Services
PO Box 4515
Westfield Penrith 2750 NSW

Our Ref: 20-0444AGSLLSc1

Re: Aboriginal Registration for Community Consultation— Allambie Heights, The Forest High School relocation project.

Dear Sir or Madam,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under *Part 6 of the National Parks and Wildlife Act 1974*.

The land subject to an AHIP is in Allambie Heights within the Northern Beaches Council. The study area comprises 187 Allambie Heights (Lot 12 in DP1112906, Lot 13 in DP1112906, and part Lot 11 in DP1194177), which is bounded by Allambie Road to the east and Aquatic Drive to the north (Figure 1).

The proposed development involves the construction of the relocated The Forest High School. The purpose of community consultation with Aboriginal people is to assist School Infrastructure in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW, formally Department of Environment and Planning (DPIE), in their consideration and determination of the application.

In accordance with the DECCW's *Aboriginal cultural heritage consultation requirements for proponents 2010*, GML is required to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determine cultural significance of Aboriginal objects and/or places.

Would you please provide in writing (a letter or email) a list of any relevant Aboriginal people/groups who should be consulted with respect to this project. Your earliest attention to this matter would be appreciated.

The list of Aboriginal people/groups should be sent to:

Talei Holm
GML Heritage Consultants
6/372 Elizabeth Street
Surry Hills
NSW 2010

Sydney Office

Level 6
372 Elizabeth Street
SURRY HILLS NSW Australia 2010
T +61 2 9319 4811
E heritage@gml.com.au

Canberra Office

2A Mugga Way
RED HILL ACT Australia 2603
T +61 2 6273 7540
E heritage@gml.com.au

GML Heritage Pty Ltd

ABN 60 001 179 362

Alternatively, the list can be emailed to ach@gml.com.au.

If you have any questions about this project please call me on 9319 4811.

Yours sincerely
GML Heritage Pty Ltd



Talei Holm
Graduate Consultant



Figure 1 General study area location plan. (Source: Google Maps with GML overlay)

2 September 2021

Heritage NSW
Locked Bag 5020
Parramatta 2124 NSW

Our Ref: 20-0444AHNSWc1

Re: Aboriginal Registration for Community Consultation— Allambie Heights, The Forest High School relocation project.

Dear Sir or Madam,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under *Part 6 of the National Parks and Wildlife Act 1974*.

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If you have any questions about this project please call me on 9319 4811.

Yours sincerely
GML Heritage Pty Ltd



Talei Holm
Graduate Consultant



Figure 1 General study area location plan. (Source: Google Maps with GML overlay)

2 September 2021

Metropolitan LALC
72 Renwick Street
Redfern 2016 NSW

Our Ref: 20-0444AMLALCc1

Re: Aboriginal Registration for Community Consultation— Allambie Heights, The Forest High School relocation project.

Dear Sir or Madam,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under *Part 6 of the National Parks and Wildlife Act 1974*.

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Surry Hills
NSW 2010

Sydney Office

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E heritage@gml.com.au

Canberra Office

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E heritage@gml.com.au

GML Heritage Pty Ltd

ABN 60 001 179 362

Alternatively, the list can be emailed to ach@gml.com.au.

If you have any questions about this project please call me on 9319 4811.

Yours sincerely
GML Heritage Pty Ltd



Talei Holm
Graduate Consultant



Figure 1 General study area location plan. (Source: Google Maps with GML overlay)

2 September 2021

Northern Beaches Local Council
PO Box 82
Manly 1655 NSW

Our Ref: 20-0444ANBLCc1

Re: Aboriginal Registration for Community Consultation— Allambie Heights, The Forest High School relocation project.

Dear Sir or Madam,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under *Part 6 of the National Parks and Wildlife Act 1974*.

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NSW 2010

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E heritage@gml.com.au

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ABN 60 001 179 362

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Yours sincerely
GML Heritage Pty Ltd



Talei Holm
Graduate Consultant



Figure 1 General study area location plan. (Source: Google Maps with GML overlay)

2 September 2021

National Native Title Tribunal (NNTT)
GPO Box 9973
Sydney 2001 NSW

Our Ref: 20-0444ANNTTc1

Re: Aboriginal Registration for Community Consultation— Allambie Heights, The Forest High School relocation project.

Dear Sir or Madam,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under *Part 6 of the National Parks and Wildlife Act 1974*.

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Surry Hills
NSW 2010

Sydney Office

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E heritage@gml.com.au

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E heritage@gml.com.au

GML Heritage Pty Ltd

ABN 60 001 179 362

Alternatively, the list can be emailed to ach@gml.com.au.

If you have any questions about this project please call me on 9319 4811.

Yours sincerely
GML Heritage Pty Ltd



Talei Holm
Graduate Consultant



Figure 1 General study area location plan. (Source: Google Maps with GML overlay)

2 September 2021

Native Title Services Corporation (NTSCORP Limited)
PO Box 2105
Strawberry Hills 2012 NSW

Our Ref: 20-0444ANTSCc1

Re: Aboriginal Registration for Community Consultation— Allambie Heights, The Forest High School relocation project.

Dear Sir or Madam,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under *Part 6 of the National Parks and Wildlife Act 1974*.

The land subject to an AHIP is in Allambie Heights within the Northern Beaches Council. The study area comprises 187 Allambie Heights (Lot 12 in DP1112906, Lot 13 in DP1112906, and part Lot 11 in DP1194177), which is bounded by Allambie Road to the east and Aquatic Drive to the north (Figure 1).

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GML Heritage Consultants
6/372 Elizabeth Street
Surry Hills
NSW 2010

Sydney Office

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SURRY HILLS NSW Australia 2010
T +61 2 9319 4811
E heritage@gml.com.au

Canberra Office

2A Mugga Way
RED HILL ACT Australia 2603
T +61 2 6273 7540
E heritage@gml.com.au

GML Heritage Pty Ltd

ABN 60 001 179 362

Alternatively, the list can be emailed to ach@gml.com.au.

If you have any questions about this project please call me on 9319 4811.

Yours sincerely
GML Heritage Pty Ltd



Talei Holm
Graduate Consultant



Figure 1 General study area location plan. (Source: Google Maps with GML overlay)

2 September 2021

The Registrar, Aboriginal Land Rights Act 1983
PO Box 787
Parramatta 2124 NSW

Our Ref: 20-0444ARALRc1

Re: Aboriginal Registration for Community Consultation— Allambie Heights, The Forest High School relocation project.

Dear Sir or Madam,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under *Part 6 of the National Parks and Wildlife Act 1974*.

The land subject to an AHIP is in Allambie Heights within the Northern Beaches Council. The study area comprises 187 Allambie Heights (Lot 12 in DP1112906, Lot 13 in DP1112906, and part Lot 11 in DP1194177), which is bounded by Allambie Road to the east and Aquatic Drive to the north (Figure 1).

The proposed development involves the construction of the relocated The Forest High School. The purpose of community consultation with Aboriginal people is to assist School Infrastructure in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW, formally Department of Environment and Planning (DPIE), in their consideration and determination of the application.

In accordance with the DECCW's *Aboriginal cultural heritage consultation requirements for proponents 2010*, GML is required to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determine cultural significance of Aboriginal objects and/or places.

Would you please provide in writing (a letter or email) a list of any relevant Aboriginal people/groups who should be consulted with respect to this project. Your earliest attention to this matter would be appreciated.

The list of Aboriginal people/groups should be sent to:

Talei Holm
GML Heritage Consultants
6/372 Elizabeth Street
Surry Hills
NSW 2010

Sydney Office

Level 6
372 Elizabeth Street
SURRY HILLS NSW Australia 2010
T +61 2 9319 4811
E heritage@gml.com.au

Canberra Office

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If you have any questions about this project please call me on 9319 4811.

Yours sincerely
GML Heritage Pty Ltd



Talei Holm
Graduate Consultant



Figure 1 General study area location plan. (Source: Google Maps with GML overlay)

Aboriginal Registration for Community Consultation— Allambie Heights, The Forest High School Relocation Project.

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (heritage consultants) seek registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under *Part 6 of the National Parks and Wildlife Act 1974*. The land subject to an AHIP is located in the Northern Beaches LGA. The study area comprises of Lot 12, DP1112906; Lot 13 in DP1112906; and part Lot 11 in DP1194177, marked on the map below. The proposed development involves the construction of the relocated The Forest High School.

The purpose of community consultation with Aboriginal people is to assist School Infrastructure NSW in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW in their consideration and determination of the application.

GML invite local Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) in the study area to register an interest in community consultation regarding the proposed activity. If you wish to register please provide in writing (a letter or email) a brief statement clarifying that you wish to be involved in future Aboriginal community consultation and how you will assist with the assessment of cultural significance associated with the subject land.

All registrations should be received by GML no later than 28 September 2021.

Andie Coulson, at ach@gml.com.au.

GML Heritage, Level 6, 372 Elizabeth St, Surry Hills NSW 2010

Please be advised that the details of all parties who register an interest will be forwarded to Heritage NSW and the Local Aboriginal Land Council unless it is specified that these details should not be released.



PUBLIC NOTICE



17/9/2021



Aboriginal Registration for Community Consultation— Allambie Heights, The Forest High School Relocation Project.

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (heritage consultants) seek registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the National Parks and Wildlife Act 1974. The land subject to an AHIP is located in the Northern Beaches LGA. The study area comprises of Lot 12, DP1112906; Lot 13 in DP1112906; and part Lot 11 in DP1194177, marked on the map below. The proposed development involves the construction of the relocated The Forest High School.

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All registrations should be received by GML no later than 1 October 2021.

Andie Coulson, at ach@gml.com.au.

GML Heritage, Level 6, 372 Elizabeth St, Surry Hills NSW 2010

Please be advised that the details of all parties who register an interest will be forwarded to Heritage NSW and the Local Aboriginal Land Council unless it is specified that these details should not be released.

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PROPOSAL TO UPGRADE VODAFONE MOBILE PHONE BASE STATION AT 29 ALBERT STREET, INGLEBURN NSW 2565 WITH 5G



📞 Call

✉ Email



📍 Allambie Height...

🔒 Public Notices

PUBLIC NOTICE

Aboriginal Registration for Community Consultation— Allambie Heights, The Forest High School Relocation Project...

📞 Call

✉ Email

📍 Parramatta, 2150

🔒 Public Notices

PROPOSAL TO UPGRADE EXISTING MOBILE PHONE BASE STATION



9 September 2021

Karia Lea Bond
Badu
11 Jeffery Place
Moruya NSW 2537

Our Ref: 20-0444

Re: Aboriginal Registration for Community Consultation—Allambie Heights, The Forest High School relocation project.

Dear Karia Lea Bond,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

The land subject to an AHIP is located in Allambie Heights, within the Northern Beaches Council. The study area is marked on the map below, the Lot and DPs are:

- Lot 12, DP1112906;
- Lot 13, DP1112906; and
- part Lot 11 in DP1194177.

The proposed development involves the construction of the relocated The Forest High School.

The purpose of community consultation with Aboriginal people is to assist School Infrastructure NSW in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW in their consideration and determination of the application.

In accordance with the DECCW's *Aboriginal cultural heritage consultation requirements for proponents 2010* GML is required to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining cultural significance of Aboriginal objects and/or places.

GML invite local Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) in the study area to register an interest in community consultation regarding the proposed activity. If you wish to register please provide in writing (a letter or email) a brief statement clarifying that you wish to be involved in future Aboriginal community consultation and how you will assist with the assessment of cultural significance associated with the subject land.

Sydney Office

Level 6
372 Elizabeth Street
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Canberra Office

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T +61 2 6273 7540
E heritage@gml.com.au

GML Heritage Pty Ltd

ABN 60 001 179 362

All registrations should be received by GML no later than 24 September 2021.

Andie Coulson
GML Heritage
Level 6, 372 Elizabeth Street
Surry Hills NSW 2010

ach@gml.com.au

Please be advised that the details of all parties who register an interest will be forwarded to Heritage NSW and the Local Aboriginal Land Council unless it is specified that these details should not be released.

If you have any questions about this project please call me on 9319 4811.

Yours sincerely,
GML Heritage Pty Ltd



Andie Coulson
Graduate Heritage Consultant



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

9 September 2021

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

Our Ref: 20-0444

Re: Aboriginal Registration for Community Consultation—Allambie Heights, The Forest High School relocation project.

Dear Gordon Morton,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

The land subject to an AHIP is located in Allambie Heights, within the Northern Beaches Council. The study area is marked on the map below, the Lot and DPs are:

- Lot 12, DP1112906;
- Lot 13, DP1112906; and
- part Lot 11 in DP1194177.

The proposed development involves the construction of the relocated The Forest High School.

The purpose of community consultation with Aboriginal people is to assist School Infrastructure NSW in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW in their consideration and determination of the application.

In accordance with the DECCW's *Aboriginal cultural heritage consultation requirements for proponents 2010* GML is required to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining cultural significance of Aboriginal objects and/or places.

GML invite local Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) in the study area to register an interest in community consultation regarding the proposed activity. If you wish to register please provide in writing (a letter or email) a brief statement clarifying that you wish to be involved in future Aboriginal community consultation and how you will assist with the assessment of cultural significance associated with the subject land.

Sydney Office

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SURRY HILLS NSW Australia 2010
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E heritage@gml.com.au

Canberra Office

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RED HILL ACT Australia 2603
T +61 2 6273 7540
E heritage@gml.com.au

GML Heritage Pty Ltd

ABN 60 001 179 362

All registrations should be received by GML no later than 24 September 2021.

Andie Coulson
GML Heritage
Level 6, 372 Elizabeth Street
Surry Hills NSW 2010

ach@gml.com.au

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If you have any questions about this project please call me on 9319 4811.

Yours sincerely,
GML Heritage Pty Ltd



Andie Coulson
Graduate Heritage Consultant



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: wurrumay@hotmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Kerrie Slater and Vicky Slater,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

The land subject to an AHIP is located in Allambie Heights, within the Northern Beaches Council. The study area is marked on the map below, the Lot and DPs are:

- Lot 12, DP1112906;
- Lot 13, DP1112906; and
- part Lot 11 in DP1194177.

The proposed development involves the construction of the relocated The Forest High School.

The purpose of community consultation with Aboriginal people is to assist School Infrastructure NSW in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW in their consideration and determination of the application.

In accordance with the DECCW's *Aboriginal cultural heritage consultation requirements for proponents 2010* GML is required to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining cultural significance of Aboriginal objects and/or places.

GML invite local Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) in the study area to register an interest in community consultation regarding the proposed activity. If you wish to register please provide in writing (a letter or email) a brief statement clarifying that you wish to be involved in future Aboriginal community consultation and how you will assist with the assessment of cultural significance associated with the subject land.

All registrations should be received by GML no later than 24 September 2021.

Andie Coulson
GML Heritage
Level 6, 372 Elizabeth Street
Surry Hills NSW 2010

ach@gml.com.au

Please be advised that the details of all parties who register an interest will be forwarded to Heritage NSW and the Local Aboriginal Land Council unless it is specified that these details should not be released.

If you have any questions about this project please call me on 9319 4811.

Yours sincerely,
GML Heritage Pty Ltd



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: yerramurra@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Robert Parson,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

The land subject to an AHIP is located in Allambie Heights, within the Northern Beaches Council. The study area is marked on the map below, the Lot and DPs are:

- Lot 12, DP1112906;
- Lot 13, DP1112906; and
- part Lot 11 in DP1194177.

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GML invite local Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) in the study area to register an interest in community consultation regarding the proposed activity. If you wish to register please provide in writing (a letter or email) a brief statement clarifying that you wish to be involved in future Aboriginal community consultation and how you will assist with the assessment of cultural significance associated with the subject land.

All registrations should be received by GML no later than 24 September 2021.

Andie Coulson
GML Heritage
Level 6, 372 Elizabeth Street
Surry Hills NSW 2010

ach@gml.com.au

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If you have any questions about this project please call me on 9319 4811.

Yours sincerely,
GML Heritage Pty Ltd



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: woriwoolywa@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Daniel Chalker,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

The land subject to an AHIP is located in Allambie Heights, within the Northern Beaches Council. The study area is marked on the map below, the Lot and DPs are:

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- Lot 13, DP1112906; and
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In accordance with the DECCW's *Aboriginal cultural heritage consultation requirements for proponents 2010* GML is required to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining cultural significance of Aboriginal objects and/or places.

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All registrations should be received by GML no later than 24 September 2021.

Andie Coulson
GML Heritage
Level 6, 372 Elizabeth Street
Surry Hills NSW 2010

ach@gml.com.au

Please be advised that the details of all parties who register an interest will be forwarded to Heritage NSW and the Local Aboriginal Land Council unless it is specified that these details should not be released.

If you have any questions about this project please call me on 9319 4811.

Yours sincerely,
GML Heritage Pty Ltd



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: wingikarachts@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Hayley Bell,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

The land subject to an AHIP is located in Allambie Heights, within the Northern Beaches Council. The study area is marked on the map below, the Lot and DPs are:

- Lot 12, DP1112906;
- Lot 13, DP1112906; and
- part Lot 11 in DP1194177.

The proposed development involves the construction of the relocated The Forest High School.

The purpose of community consultation with Aboriginal people is to assist School Infrastructure NSW in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW in their consideration and determination of the application.

In accordance with the DECCW's *Aboriginal cultural heritage consultation requirements for proponents 2010* GML is required to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining cultural significance of Aboriginal objects and/or places.

GML invite local Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) in the study area to register an interest in community consultation regarding the proposed activity. If you wish to register please provide in writing (a letter or email) a brief statement clarifying that you wish to be involved in future Aboriginal community consultation and how you will assist with the assessment of cultural significance associated with the subject land.

All registrations should be received by GML no later than 24 September 2021.

Andie Coulson
GML Heritage
Level 6, 372 Elizabeth Street
Surry Hills NSW 2010

ach@gml.com.au

Please be advised that the details of all parties who register an interest will be forwarded to Heritage NSW and the Local Aboriginal Land Council unless it is specified that these details should not be released.

If you have any questions about this project please call me on 9319 4811.

Yours sincerely,
GML Heritage Pty Ltd



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: walbunja@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Hika Te Kowhai,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

The land subject to an AHIP is located in Allambie Heights, within the Northern Beaches Council. The study area is marked on the map below, the Lot and DPs are:

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- Lot 13, DP1112906; and
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The proposed development involves the construction of the relocated The Forest High School.

The purpose of community consultation with Aboriginal people is to assist School Infrastructure NSW in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW in their consideration and determination of the application.

In accordance with the DECCW's *Aboriginal cultural heritage consultation requirements for proponents 2010* GML is required to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining cultural significance of Aboriginal objects and/or places.

GML invite local Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) in the study area to register an interest in community consultation regarding the proposed activity. If you wish to register please provide in writing (a letter or email) a brief statement clarifying that you wish to be involved in future Aboriginal community consultation and how you will assist with the assessment of cultural significance associated with the subject land.

All registrations should be received by GML no later than 24 September 2021.

Andie Coulson
GML Heritage
Level 6, 372 Elizabeth Street
Surry Hills NSW 2010

ach@gml.com.au

Please be advised that the details of all parties who register an interest will be forwarded to Heritage NSW and the Local Aboriginal Land Council unless it is specified that these details should not be released.

If you have any questions about this project please call me on 9319 4811.

Yours sincerely,
GML Heritage Pty Ltd



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: walgaluchts@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Ronald Stewart,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

The land subject to an AHIP is located in Allambie Heights, within the Northern Beaches Council. The study area is marked on the map below, the Lot and DPs are:

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- part Lot 11 in DP1194177.

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The purpose of community consultation with Aboriginal people is to assist School Infrastructure NSW in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW in their consideration and determination of the application.

In accordance with the DECCW's *Aboriginal cultural heritage consultation requirements for proponents 2010* GML is required to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining cultural significance of Aboriginal objects and/or places.

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All registrations should be received by GML no later than 24 September 2021.

Andie Coulson
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ach@gml.com.au

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If you have any questions about this project please call me on 9319 4811.

Yours sincerely,
GML Heritage Pty Ltd



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: waawaar.awaa@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Rodney Gunther and Barry Gunther,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

The land subject to an AHIP is located in Allambie Heights, within the Northern Beaches Council. The study area is marked on the map below, the Lot and DPs are:

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Yours sincerely,
GML Heritage Pty Ltd



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: waarlan12@outlook.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Philip Boney,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

The land subject to an AHIP is located in Allambie Heights, within the Northern Beaches Council. The study area is marked on the map below, the Lot and DPs are:

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- Lot 13, DP1112906; and
- part Lot 11 in DP1194177.

The proposed development involves the construction of the relocated The Forest High School.

The purpose of community consultation with Aboriginal people is to assist School Infrastructure NSW in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW in their consideration and determination of the application.

In accordance with the DECCW's *Aboriginal cultural heritage consultation requirements for proponents 2010* GML is required to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining cultural significance of Aboriginal objects and/or places.

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Level 6, 372 Elizabeth Street
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If you have any questions about this project please call me on 9319 4811.

Yours sincerely,
GML Heritage Pty Ltd



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: thoorganura@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Chief Executive Officer John Carriage,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

The land subject to an AHIP is located in Allambie Heights, within the Northern Beaches Council. The study area is marked on the map below, the Lot and DPs are:

- Lot 12, DP1112906;
- Lot 13, DP1112906; and
- part Lot 11 in DP1194177.

The proposed development involves the construction of the relocated The Forest High School.

The purpose of community consultation with Aboriginal people is to assist School Infrastructure NSW in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW in their consideration and determination of the application.

In accordance with the DECCW's *Aboriginal cultural heritage consultation requirements for proponents 2010* GML is required to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining cultural significance of Aboriginal objects and/or places.

GML invite local Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) in the study area to register an interest in community consultation regarding the proposed activity. If you wish to register please provide in writing (a letter or email) a brief statement clarifying that you wish to be involved in future Aboriginal community consultation and how you will assist with the assessment of cultural significance associated with the subject land.

All registrations should be received by GML no later than 24 September 2021.

Andie Coulson
GML Heritage
Level 6, 372 Elizabeth Street
Surry Hills NSW 2010

ach@gml.com.au

Please be advised that the details of all parties who register an interest will be forwarded to Heritage NSW and the Local Aboriginal Land Council unless it is specified that these details should not be released.

If you have any questions about this project please call me on 9319 4811.

Yours sincerely,
GML Heritage Pty Ltd



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: thauairachts@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Shane Carriage,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: pemulwuyd@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Pemulwuy Johnson,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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GML Heritage Pty Ltd



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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: nundagurri@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Newton Carriage,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: ngambaaculturalconnections@hotmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Kaarina Slater,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: murrumbul@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Mark Henry,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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GML Heritage Pty Ltd



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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: murrabidgeemullangari@yahoo.com.au
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Darleen Johnson and Ryan Johnson,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: murramarangchts@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Roxanne Smith,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: munyungachts@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Kaya Dawn Bell,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: mura.indigenous@bigpond.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Phillip Carroll,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: philipkhan.acn@live.com.au
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Phil Khan,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: officeadmin@metrolalc.org.au
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Nathan Moran,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: tracey@guringai.com.au
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Tracy Howie,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: jerringong@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Joanne Anne Stewart,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: gulagachts@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Wendy Smith,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

The land subject to an AHIP is located in Allambie Heights, within the Northern Beaches Council. The study area is marked on the map below, the Lot and DPs are:

- Lot 12, DP1112906;
- Lot 13, DP1112906; and
- part Lot 11 in DP1194177.

The proposed development involves the construction of the relocated The Forest High School.

The purpose of community consultation with Aboriginal people is to assist School Infrastructure NSW in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW in their consideration and determination of the application.

In accordance with the DECCW's *Aboriginal cultural heritage consultation requirements for proponents 2010* GML is required to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining cultural significance of Aboriginal objects and/or places.

GML invite local Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) in the study area to register an interest in community consultation regarding the proposed activity. If you wish to register please provide in writing (a letter or email) a brief statement clarifying that you wish to be involved in future Aboriginal community consultation and how you will assist with the assessment of cultural significance associated with the subject land.

All registrations should be received by GML no later than 24 September 2021.

Andie Coulson
GML Heritage
Level 6, 372 Elizabeth Street
Surry Hills NSW 2010

ach@gml.com.au

Please be advised that the details of all parties who register an interest will be forwarded to Heritage NSW and the Local Aboriginal Land Council unless it is specified that these details should not be released.

If you have any questions about this project please call me on 9319 4811.

Yours sincerely,
GML Heritage Pty Ltd



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: gunyuuchts@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Kylie Ann Bell,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: goodradigbee1@outlook.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Caine Carroll,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: goobahchts@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Basil Smith,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: darrenjohnduncan@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Darren Duncan,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: ginninderra.corp@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Steven Johnson and Krystle Carroll,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Yours sincerely,
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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: didgengunawalclan@yahoo.com.au
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Paul Boyd,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Yours sincerely,
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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: dharugchts@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Andrew Bond,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Yours sincerely,
GML Heritage Pty Ltd



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: justinecoplin@optusnet.com.au
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Justine Coplin,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: daruglandobservations@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Jamie Workman and Anna Workman,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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GML Heritage Pty Ltd



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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: paulhand1967@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Paul Hand,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: butuheritage@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Jennifer Beale,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: cullendullachts@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Corey Smith,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Sent: Thursday, 9 September 2021 11:08 AM
To: bilingachts@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Simalene Carriage,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Surry Hills NSW 2010

ach@gml.com.au

Please be advised that the details of all parties who register an interest will be forwarded to Heritage NSW and the Local Aboriginal Land Council unless it is specified that these details should not be released.

If you have any questions about this project please call me on 9319 4811.

Yours sincerely,
GML Heritage Pty Ltd



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: biamangachts@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Seli Storer,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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The purpose of community consultation with Aboriginal people is to assist School Infrastructure NSW in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW in their consideration and determination of the application.

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All registrations should be received by GML no later than 24 September 2021.

Andie Coulson
GML Heritage
Level 6, 372 Elizabeth Street
Surry Hills NSW 2010

ach@gml.com.au

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Yours sincerely,
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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: barkingowlcorp@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Jody Kulakowski,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Yours sincerely,
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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: kinghampton77@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Nola Hampton,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: hamptonralph46@gmail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Ralph Hampton,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Yours sincerely,
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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: amandahickey@live.com.au
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Amanda Hickey,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Yours sincerely,
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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: james.eastwood@y7mail.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Jamie Eastwood,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Yours sincerely,
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Coulson, Andie

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 9 September 2021 11:08 AM
To: cazadirect@live.com
Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Caroline Hickey,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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9 September 2021

Eric Keidge
Eric Keidge
11 Olsson Close
Hornsby Heights NSW 2077

Our Ref: 20-0444

Re: Aboriginal Registration for Community Consultation—Allambie Heights, The Forest High School relocation project.

Dear Eric Keidge,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Sydney Office

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E heritage@gml.com.au

Canberra Office

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GML Heritage Pty Ltd

ABN 60 001 179 362

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Yours sincerely,
GML Heritage Pty Ltd



Andie Coulson
Graduate Heritage Consultant



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

9 September 2021

Aaron Broad
Minnamunnung
1 Waratah Avenue
Albion Park Rail NSW 2527

Our Ref: 20-0444

Re: Aboriginal Registration for Community Consultation—Allambie Heights, The Forest High School relocation project.

Dear Aaron Broad,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Graduate Heritage Consultant



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9 September 2021

Phillip Carroll

Mura Indigenous Corporation
11 Nargal Street
Flinders NSW 2529

Our Ref: 20-0444

Re: Aboriginal Registration for Community Consultation—Allambie Heights, The Forest High School relocation project.

Dear Phillip Carroll,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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Aboriginal community consultation and how you will assist with the assessment of cultural significance associated with the subject land.

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Andie Coulson
Graduate Heritage Consultant



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

9 September 2021

Scott Franks
Tocomwall
PO Box 145
Miranda NSW 1490

Our Ref: 20-0444

Re: Aboriginal Registration for Community Consultation—Allambie Heights, The Forest High School relocation project.

Dear Scott Franks,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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9 September 2021

Lee-Roy James Boota
Wullung
54 Blackwood Street
Gerringong NSW 2534

Our Ref: 20-0444

Re: Aboriginal Registration for Community Consultation—Allambie Heights, The Forest High School relocation project.

Dear Lee-Roy James Boota,

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11 Jeffery Place

Moruya NSW 2537



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To: *Tocomwall*

Contact name

Scott Franks

Traditional place name (if known)

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Street address or PO Box number

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Suburb or town, State, Postcode

Miranda NSW 1490

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Company name

Contact name

Traditional place name (if known)

Street address or PO Box number

Suburb or town, State, Postcode

To: Eric Keidge

Eric Keidge

11 Olsson Close

Hornsby Heights NSW 2077

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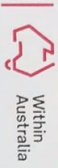


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To: Darug Aboriginal Cultural Heritage Assessments
Gordon Morton
Unit 9, 6 Chapman Avenue
Chatswood NSW 2067



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1 Naratoh Avenue

Albion Park Rail NSW 2527

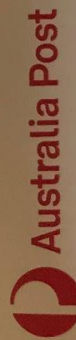


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To: Mura Indigenous Corporation

Phillip Carroll

11 Nargal Street

Flinders NSW 2529

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Cameron, Jodi

From: Aboriginal Heritage
Sent: Thursday, 16 September 2021 9:55 AM
To: Carolyn .H; Aboriginal Heritage; schoolinfrastructure@det.nsw.edu.au
Subject: RE: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Hi Carolyn,

Thank you for your email, we have registered you for the project.

Kind regards,
Jodi

GML Heritage

Level 6 372 Elizabeth St, Surry Hills NSW 2010
T Reception: 02 9319 4811
www.gml.com.au



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Please think before you print.

From: Carolyn .H <cazadirect@live.com>
Sent: Thursday, 16 September 2021 9:42 AM
To: Aboriginal Heritage <ach@gml.com.au>; schoolinfrastructure@det.nsw.edu.au
Subject: Re: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project



Contact: Carolyn Hickey

M: 0411650057

E: Cazadirect@live.com

A: 10 Marie Pitt Place, Glenmore Park, NSW 2745

ACN: 639 868 876

ABN: 31 639 868 876

Hi,

Thank you for your email, I would like to register in being involved in all levels of consultation for this project.

Including, Meetings, Reports, Sharing Cultural Information, and available Field Work.

Carolyn Hickey

I am a traditional custodian with over 20 years experience in helping preserve Aboriginal cultural heritage on projects.

I hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and values that exist in the project area.

I have attached A1 Indigenous Services Insurances.

COVID 19 VACCINATION;

Carolyn ; 1st & 2nd Vaccination (Finished) Emu Plains (Vaccination certificate attached)

Steven ; 1st & 2nd Vaccination (Finished) Emu Plains

Julie ; 1st & 2nd Vaccination (Finished) Emu Plains

Amanda ; 1st Vaccination (Done) Emu Plains waiting for dose 2

Anthony ; 1st Vaccination (Done) Mount Druitt waiting for dose 2

Ronald ; 1st Vaccination (Done) Mount Druitt waiting for dose 2

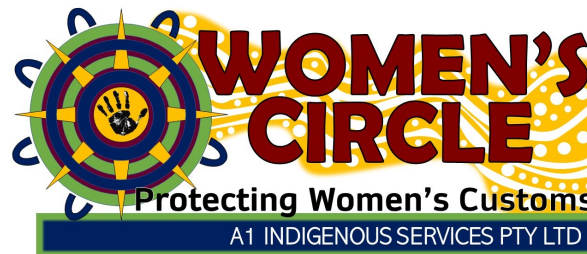
-Other employees are awaiting appointments.

-All staff will comply with all workplace, covid health and safety protocols. (including, Regular Covid Testing if needed)

We would like the Proponent to consider including A1's, Kawalkan youth and the Women's Circle Employees for all future field work.



The Kawalkan Youth Program is a designed program created to employ young indigenous youths between the ages of (18-29) years of age.



The Women's Circle was created with the need to always have Experienced Indigenous Women present in all field work.

To aim for not only gender equality in the workplace but, to help identify and protect any women's sacred places.

OUR MISSION

Building strength in aboriginal families, communities, and services.

It is our mission to commit to an innovative approach to a better future for indigenous employment.

Giving our people the opportunity to gain employment in a culturally sensitive work environment also giving them the opportunity to work on country and continue the tradition of protecting and passing down

Cultural knowledge from one generation to the next – continuing the importance of keeping culture.

Please feel free to contact me on details supplied

Kind Regards,

Carolyn Hickey

Managing Director

From: Aboriginal Heritage <ach@gml.com.au>

Sent: Thursday, 9 September 2021 11:07 AM

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

Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Caroline Hickey,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

The land subject to an AHIP is located in Allambie Heights, within the Northern Beaches Council. The study area is marked on the map below, the Lot and DPs are:

- Lot 12, DP1112906;
- Lot 13, DP1112906; and
- part Lot 11 in DP1194177.

The proposed development involves the construction of the relocated The Forest High School.

The purpose of community consultation with Aboriginal people is to assist School Infrastructure NSW in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW in their consideration and determination of the application.

In accordance with the DECCW's *Aboriginal cultural heritage consultation requirements for proponents 2010* GML is required to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining cultural significance of Aboriginal objects and/or places.

GML invite local Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) in the study area to register an interest in community consultation regarding the proposed activity. If you wish to register please provide in writing (a letter or email) a brief statement clarifying that you wish to be involved in future Aboriginal community consultation and how you will assist with the assessment of cultural significance associated with the subject land.

All registrations should be received by GML no later than 24 September 2021.

Andie Coulson
GML Heritage
Level 6, 372 Elizabeth Street
Surry Hills NSW 2010

ach@gml.com.au

Please be advised that the details of all parties who register an interest will be forwarded to Heritage NSW and the Local Aboriginal Land Council unless it is specified that these details should not be released.

If you have any questions about this project please call me on 9319 4811.

**Yours sincerely,
GML Heritage Pty Ltd**

**Andie Coulson
Graduate Heritage Consultant**



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

GML Heritage
Level 6 372 Elizabeth St, Surry Hills NSW 2010
T Reception: 02 9319 4811
www.gml.com.au



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Cameron, Jodi

From: Butucarbin Heritage <butuheritage@gmail.com>
Sent: Friday, 24 September 2021 11:56 PM
To: Aboriginal Heritage
Subject: Re: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project
Attachments: Allambie Heights EOI- GML.docx

Hi,
Please see attached registration.

Kind regards,
Lowanna

On Thu, Sep 9, 2021 at 11:07 AM Aboriginal Heritage <ach@gml.com.au> wrote:

Dear Jennifer Beale,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

The land subject to an AHIP is located in Allambie Heights, within the Northern Beaches Council. The study area is marked on the map below, the Lot and DPs are:

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- Lot 13, DP1112906; and
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Andie Coulson
GML Heritage

Level 6, 372 Elizabeth Street
Surry Hills NSW 2010

ach@gml.com.au

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If you have any questions about this project please call me on 9319 4811.

Yours sincerely,
GML Heritage Pty Ltd

Andie Coulson
Graduate Heritage Consultant



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Please think before you print.

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



BUTUCARBIN ABORIGINAL CORPORATION

PO Box E18, Emerton NSW 2770
28 Pringle Road, Hebersham NSW 2770
Ph: 9832 7167 Fax: 9832 7263
koori@ozemail.com.au
ABN: 83 535 742 276

24th September 2021

To whom it may concern,

On behalf of Butucarbin, I would like to register for the consultation in relation to the project at Allambie Heights.

About Butucarbin

Butucarbin Aboriginal Corporation is a successful not for profit community organisation that was established in 1989 to provide Community Development, Education and Training to organisations and individuals in the Blacktown and Penrith LGA's of Western Sydney. The organisation has won many awards for outstanding service delivery over the past 23 years. The latest being our Executive Officer Jennifer Beale being a finalist in the 2014 NSW Australian of the Year awards.

Due to the changes in funding for Aboriginal organisations and for Butucarbin to continue the service that they have been providing, the organisation has developed an Aboriginal Cultural Heritage Assessment business. All profits go back into the organisation to provide services to the community. As community workers we believe it is our duty to involve the Aboriginal community of Western Sydney in this work, as it enables the community to be involved in decision-making in relation to their culture and therefore, promotes self-determination.

Butucarbin is a contemporary example of cultural heritage in that it is a product of the 1970's resettlement program and self-determination policy (see, Aboriginal Community Controlled Organisations). Due to this resettlement policy, there are generations of Aboriginal people who have been born in Western Sydney and have been raised in the Mount Druitt Community (which has the highest Aboriginal urban population in Australia) and thus, this is where their connection lies. Ultimately, our cultural connection lies in our community work and assistance to the people of wider Western Sydney.

In conclusion, we also believe it is essential to pass on knowledge from generation to generation. Butucarbin provides cultural knowledge to the wider community through Aboriginal Cultural workshops and community development programs.

Previous experience

We have participated in projects with such companies as, Extent, Niche, Kelleher Nightingale, Artefact, AMBS, Virtus Heritage, Navin Officer, Curio and Biosis. This work has involved activities such as, site-walkovers, surface collections, ACHA reviews and excavations.

When on site, our workers were on time, professional and participate in all tasks set for them. It is essential for our community members to participate in Aboriginal Community Consultations and other cultural work as we believe it is of the utmost importance that cultural heritage skills and knowledge are passed on to our younger Aboriginal generations.

Overall, our team is highly skilled and has over ten years' experience in cultural heritage assessment field work. Currently, our team consists of several skilled field officers. We ensure there is diversity amongst our workers in that we do not discriminate against gender and age, as it important to gain insight into cultural heritage from varying perspectives.

Schedule of Rates

In the event Butucarbin is selected for fieldwork or site meetings, please consider our rates. Ultimately, Butucarbin can negotiate fees however, our standard fee is \$120 per hour.

Our rates are as follows:

Consultation Meetings/site inspection : \$120 - \$480 + expenses

Fieldwork: \$120.00 per hour

Perusal and comment of reports: \$120.00 per hour

Mileage Allowance: 0.75 cents per kilometre

Pursuant to section 3.4, 'the proponent may reimburse Aboriginal people for any demonstrated reasonable out-of-pocket expenses directly incurred in order to participate in the consultation process.' An example of 'a demonstrated reasonable expense' could be the 'documented loss of wages caused by the need to take time from paid employment to participate in meetings' or travel expenses. Ultimately, Butucarbin's consultation rate includes \$120 per hour + reimbursed expenses.

If you require further information, you can contact Jennifer Beale on 0409924409 or Lowanna Gibson on 0458537666.

Yours Sincerely,

Lowanna Gibson

Project Manager for Butucarbin Cultural Heritage

B.A Archaeology/Anthropology USYD

Juris Doctor UTS

DARUG CUSTODIAN

ABORIGINAL CORPORATION



DARUG CUSTODIAN
ABORIGINAL
CORPORATION

PO BOX 81 WINDSOR 2756
PHONE: 0245775181 FAX: 0245775098
MOBILE: 0414962766 Justine Coplin
EMAIL: justinecoplin@optusnet.com.au

Attention GML

Date: 150921

Subject: The Forest High School.

Dear Andie

Our group is a non-profit organisation that has been active for over forty years in Western Sydney, we are a Darug community group with over three hundred members. The main aim in our constitution is the care of Darug sites, places, wildlife and to promote our culture and provide education on the Darug history.

The Northern Beaches area is an area that our group has a vast knowledge of, we have worked and lived in for many years, this area is significant to the Darug people due to the connection of sites and the continued occupation. Our group has been involved in all previous assessments and works in this area as a traditional owner Darug group for the past 40 plus years.

People from other mobs should be respectful of our country and people if they are not respectful that the Darug are the knowledge holders then they are not cultural, therefore should not be involved on cultural heritage on Darug land.

Therefore, we would like to register our interest for full consultation and involvement in the above project area.

Please contact us with all further enquiries on the above contacts.

Regards



Justine Coplin

We acknowledge and pay respect to the Darug people, the traditional Aboriginal custodians of this land.

Cameron, Jodi

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Thursday, 16 September 2021 9:27 AM
To: justinecoplin@optusnet.com.au
Subject: RE: reg of interest The Forest High School.

Hi Justine,

Thank you for your email.

I have registered Darug Custodian Aboriginal Corporation for this project.

Kind regards,
Jodi

From: justinecoplin@optusnet.com.au <justinecoplin@optusnet.com.au>
Sent: Wednesday, 15 September 2021 2:42 PM
To: Aboriginal Heritage <ach@gml.com.au>
Subject: reg of interest The Forest High School.

Coulson, Andie

From: lilly carroll <didgengunawalclan@yahoo.com.au>
Sent: Thursday, 9 September 2021 11:09 AM
To: Aboriginal Heritage
Subject: Re: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Hi guys

DNC would like to register an interest into The Forest Hill high school relocation project

[Sent from Yahoo Mail for iPhone](#)

On Thursday, September 9, 2021, 11:07 am, Aboriginal Heritage <ach@gml.com.au> wrote:

Dear Paul Boyd,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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The purpose of community consultation with Aboriginal people is to assist School Infrastructure NSW in the preparation of an application for an AHIP and to assist the Director General of Heritage NSW in their consideration and determination of the application.

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GML invite local Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) in the study area to register an interest in community consultation regarding the proposed activity. If you wish to register please provide in writing (a letter or email) a brief statement clarifying that you wish to be involved in future Aboriginal community consultation and how you will assist with the assessment of cultural significance associated with the subject land.

All registrations should be received by GML no later than 24 September 2021.

Andie Coulson
GML Heritage
Level 6, 372 Elizabeth Street
Surry Hills NSW 2010

ach@gml.com.au

Please be advised that the details of all parties who register an interest will be forwarded to Heritage NSW and the Local Aboriginal Land Council unless it is specified that these details should not be released.

If you have any questions about this project please call me on 9319 4811.

Yours sincerely,
GML Heritage Pty Ltd

Andie Coulson
Graduate Heritage Consultant



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

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Please think before you print.

Talei Holm

From: Aboriginal Heritage <ach@gml.com.au>
Sent: Tuesday, 5 October 2021 6:29 AM
To: officeadmin@metrolalc.org.au; heritagemailbox@environment.nsw.gov.au
Subject: Forest High School Community Consultation List of RAPs 4.1.6
Attachments: 20-0444A11v2.pdf

Dear Metropolitan Local Aboriginal Land Council and Heritage NSW,

Please refer below for the official list of RAPs for the Forest High School Relocation project. The letter inviting RAPs to register is also attached.

Number	Registered Aboriginal Party
# 1	A1 Indigenous Services
# 2	Anonymous #1
# 3	Butucarbin Aboriginal Corporation
# 4	Darug Custodian Aboriginal Corporation
# 5	Didge Ngunawal Clan
# 6	Kamilaroi Yankuntjatjara Working Group
# 7	Metropolitan LALC

Best,
Talei

Coulson, Andie

From: Philip Khan <philipkhan.acn@live.com.au>
Sent: Friday, 10 September 2021 4:04 PM
To: Aboriginal Heritage
Subject: RE: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project
Attachments: ICARE workers comp. insurance Kamilaroi Yankuntjatjara Working Group 2021.pdf; Public Liability Kamilaroi 2021 to 2022.pdf

Hi Andie,

Thank you for informing us that **GML Heritage** will be involved in an Aboriginal Cultural Heritage Assessment at **Allambie Heights, The Forest High School relocation project** & that you are inviting Aboriginal organisations to register, if they wish too be involved in the community consultation process.

As a senior Aboriginal person for the past 50yrs, I actively participate in the protection of the Aboriginal Cultural Heritage throughout the Sydney Basin, & particularly throughout Western Sydney, on behalf of Kamilaroi Yankuntjatjara Working Group I wish to provide to you my organisation's registration of interest.

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

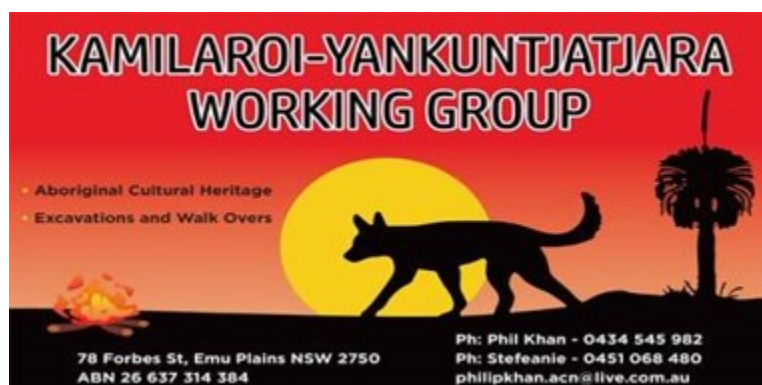
I have attached a copy of Kamilaroi Yankuntjatjara Working group's Public Liability Insurance & Workers Compensation certificate.

Our Rates - \$100 per hour, \$400 half day & \$800 full day (Exc. GST)

Our RAPS have up to 15yrs Cultural Heritage experience in – field work which involves manual excavation (digging), sieving, identifying artefacts, setting up transits, setting up equipment, packing equipment, site surveys & attending meetings.

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

Kind Regards
Phil Khan



Sent from [Mail](#) for Windows 10

From: [Aboriginal Heritage](#)

Sent: Thursday, 9 September 2021 11:08 AM

To: philipkhan.acn@live.com.au

Subject: Aboriginal Registration for Community Consultation-Allambie Heights, The Forest High School relocation project

Dear Phil Khan,

On behalf of School Infrastructure NSW (Client contact: schoolinfrastructure@det.nsw.edu.au), GML Heritage (GML) seeks registration from local Aboriginal groups and people with respect to the future application for an Aboriginal Heritage Impact Permit (AHIP) under Part 6 of the *National Parks and Wildlife Act 1974*.

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GML invite local Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) in the study area to register an interest in community consultation regarding the proposed activity. If you wish to register please provide in writing (a letter or email) a brief statement clarifying that you wish to be involved in future Aboriginal community consultation and how you will assist with the assessment of cultural significance associated with the subject land.

All registrations should be received by GML no later than 24 September 2021.

Andie Coulson
GML Heritage
Level 6, 372 Elizabeth Street
Surry Hills NSW 2010

ach@gml.com.au

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If you have any questions about this project please call me on 9319 4811.

**Yours sincerely,
GML Heritage Pty Ltd**

**Andie Coulson
Graduate Heritage Consultant**



Figure 1 Location of the study area (Source: SIXMaps 2016 with GML additions 2021).

GML Heritage

Level 6 372 Elizabeth St, Surry Hills NSW 2010

T Reception: 02 9319 4811

www.gml.com.au



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Please think before you print.

Talei Holm

From: Aboriginal Heritage
Sent: Tuesday, 5 October 2021 4:17 PM
To: Aboriginal Heritage
Subject: 20-0444A Forest High School Relocation ARD

Dear Registered Aboriginal Parties for the Forest High School,

You have been Bcc'd into this email.

Please find the line to the ARD for the project. The closing dates for comments is Tuesday 2nd November 2021.

 [20-0444A Draft FNARD v2.pdf](#)

Please let me know if you have any comments, questions or concerns.

Best,
Talei

Dear Heritage NSW,

In accordance with requirement 15c of the *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW* (DECCW 2010), I'm writing to inform you that archaeological test excavation for the Forest High School Relocation project is proposed to commence on 22nd November 2021.

School Infrastructure (Ryan Thoroughgood, ryan.thoroughgood7@det.nsw.edu.au) is the overall project manager. For the archaeological works, Talei Holm (talei.holm@gml.com.au) is the excavation director and will be running the test excavation.

Fieldwork is due to start on 22nd November 2021 and is estimated to run for 4 days. All artefacts recovered during the excavation will be temporarily stored in a locked location during the excavation and transferred to the GML office in Sydney as soon as practicable.

The study area is located 187 Allambie Road, Allambie Heights, and test excavation will be undertaken within the sensitive area identified, as detailed in the project Archaeological Research Design (ARD). Please find the ARD attached.

If you have any questions or concerns with the ARD or if you would like to join us during the excavation, please let me know. My contact details are 0498 662 122.

Kind regards,



Talei Holm

Heritage Consultant

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GML Heritage Pty Ltd

ABN 60 001 179 362

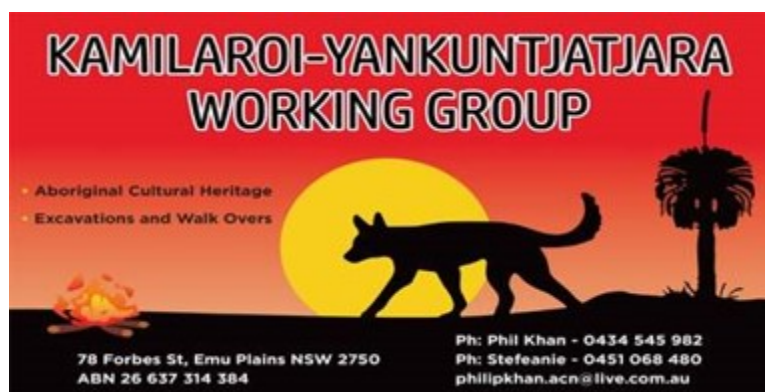
Kennedy, Drew

From: Philip Khan <philipkhan.acn@live.com.au>
Sent: Wednesday, 17 November 2021 11:26 AM
To: Kennedy, Drew
Subject: RE: 20-0444A Forest High School project
Attachments: Public Liability Kamilaroi 2021 to 2022.pdf; ICARE workers comp. insurance Kamilaroi Yankuntjatjara Working Group 2021.pdf

Hi Drew,

We are defiantly available to work those dates, lock us in.

Kind Regards
Phil Khan



Sent from [Mail](#) for Windows 10

From: [Kennedy, Drew](#)
Sent: Wednesday, 17 November 2021 10:49 AM
To: philipkhan.acn@live.com.au
Subject: 20-0444A Forest High School project

Hi Phil,

I tried to call you earlier, however couldn't get through.

I am just contacting you with information for the archaeological testing for the Forest High School Project. We require 1 representative on site from the **22nd-25th of November**.

Dates: **22nd-25th of November**.

Site hours: **7am-3:30pm**

Address: **187 Allambie Rd Allambie Heights**

If you have any questions please feel free to contact me via email or on my mobile on 0412 567 975.

Thanks,
Drew Kennedy
Drew Kennedy
Graduate Heritage Consultant

(she/her)

GML Heritage

Level 6 372 Elizabeth St, Surry Hills NSW 2010
T Direct: 02 9319 4554 | T Reception: 02 9319 4811
Availability: Monday - Friday
www.gml.com.au



We respect and acknowledge the First Nations of the lands and waters on which we live and work, their rich cultural heritage and deep connection to Country, and we acknowledge their Elders past and present. We are committed to truth-telling and to engaging with First Nations to support the protection of their culture and heritage. We strongly advocate social, cultural and political justice and support the Uluru Statement from the Heart.

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Kennedy, Drew

From: Kennedy, Drew
Sent: Monday, 15 November 2021 9:12 AM
To: officeadmin@metrolalc.org.au
Subject: Atten: Rowena Welsh-Jarrett. 20-0444A Forest High School Project

Hi Rowena,

Thank you for chatting to me last week. I'm just sending you a follow up email with the details discussed on the phone. I have used this email, as a text with the alternative email didn't come through.

We require 1 representation on site each day from the **22nd – 25th of November**.

Site hours – **7-3.30pm**

Site address - **187 Allambie Rd Allambie Heights**

I will be in touch via email early next week with the contract. If you have any further questions, please feel free to contact me.

Thanks,

Appendix D

Archaeological Research Design



First Nations Archaeological Research Design Report

Report prepared for School Infrastructure NSW

October 2021

Forest High School

Acknowledgement of Country

At GML we acknowledge that we work and live on the land of the First Australians. We know that this land was never ceded, and we respect the rights and interests of Australia's first people in land, culture, and heritage. We acknowledge their Elders past and present and support the concepts of voice, treaty, and truth in the Uluru Statement from the Heart.

Report Register

The following report register documents the development and issue of the report entitled Forest High School—Archaeological Research Design, undertaken by GML Heritage Pty Ltd in accordance with its quality management system.

Job Number	Issue Number	Notes/Description	Issue Date
20-0444A	1	Draft Report for Client Review	21 September 2021
20-0444A	2	Draft Report for RAP Review	5 October 2021

Quality Assurance

GML Heritage Pty Ltd operates under a quality management system which has been certified as complying with the Australian/New Zealand Standard for quality management systems AS/NZS ISO 9001:2016.

The report has been reviewed and approved for issue in accordance with the GML quality assurance policy and procedures.

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Contents

1	Introduction.....	2
1.1	Study Area.....	2
1.2	Proposed Works.....	2
1.3	Statutory Context	2
1.4	Objectives of this Aboriginal Archaeological Research Design	3
1.5	Authors	3
1.6	Endnotes	6
2	Archaeological and Environmental Context	8
2.1	Archaeological Context	8
2.1.1	<i>Aboriginal Heritage Information Management System Search</i>	<i>8</i>
2.1.2	<i>Relevant Local Literature</i>	<i>9</i>
2.2	Landscape Context	11
2.2.1	<i>Landforms and Landscape Features</i>	<i>11</i>
2.2.2	<i>Landforms and Hydrology</i>	<i>11</i>
2.2.3	<i>Fauna and Flora</i>	<i>13</i>
2.2.4	<i>Land Use History</i>	<i>13</i>
2.3	Summary of Archaeological and Environmental Context	18
2.4	Predictive Model.....	18
2.5	Inspection for Due Diligence	18
2.6	Endnotes	19
3	Aboriginal Community Consultation	22
3.1	Aboriginal Community Consultation To Date	22
3.2	Cultural Heritage Assessment Program.....	22
3.3	Roles and Expectations	23
3.4	Endnotes	24
4	Archaeological Research Design	27
4.1	Archaeological Survey	27
4.2	Mechanism for Archaeological Test Excavation	27
4.3	Test Excavation Sampling Strategy	28
4.3.1	<i>Archaeological Sampling Strategy</i>	<i>28</i>
4.4	Significance Assessment	34
4.5	Impact Assessment and Management Strategies	34
4.6	Reporting.....	34
4.7	Community Input	34
4.8	Endnotes	35

Appendices **38**

- Appendix A
New South Wales Legislation
- Appendix B
AHIMS Search Results
- Appendix C
Due Diligence 2020

Introduction

1 Introduction

GML Heritage (GML) Pty Ltd has been engaged by School Infrastructure NSW (SI NSW) to prepare an Aboriginal cultural heritage assessment report (ACHAR) for the Forest High School Relocation project, located at 187 Allambie Road, Allambie Heights (the study area). This will support a DA for early works and a State Significant Development (SSD) application.

In 2020 we prepared an Aboriginal due diligence report for the school site, in collaboration with the Metro Local Aboriginal Land Council (MLALC). This is included for your reference and provide a background to the project, as well as establishing a need for further Aboriginal heritage consideration. As part of the ACHAR, this Aboriginal Archaeological Research Design (ARD) has been prepared to define the methodology and research parameters for the investigation of Aboriginal heritage.

This methodology fulfils Stage 2 and Stage 3 of the Department of Environment, Climate Change and Water (DECCW) Aboriginal cultural heritage consultation requirements for proponents (Section 4, Consultation Stages).¹ The current methodology aims to:

- ensure Aboriginal archaeological constraints and opportunities are adequately addressed and appropriately managed throughout the life of the project;
- consult with the Aboriginal community regarding the cultural significance of the study area; and
- ensure that any risks to Aboriginal heritage values (both intangible and tangible) are appropriately identified and mitigated.

1.1 Study Area

The land subject to the assessment is in the Northern Beaches Local Government Area (LGA) (Figure 1.1 and Figure 1.2). The study area is comprised of:

- Lot 12, DP1112906;
- Lot 13 in DP1112906; and
- part Lot 11 in DP1194177.

1.2 Proposed Works

The masterplan for the study area is currently being developed. The proposed scope of works is as follows:

- a high school to accommodate 1500 students; and
- a synthetic grass sports field.

1.3 Statutory Context

The following statutory controls (detailed in Appendix A) are relevant to the study area and therefore this report:

- the *National Parks and Wildlife Act 1974* (NPW Act); and
- the *Environmental Planning and Assessment Act 1979* (EP&A Act);

Under Section 90 of NPW Act, SI NSW would require an AHIP should the development activities harm any Aboriginal object or Aboriginal place. However, as the project is SSD adherence with the project's Secretaries Environmental Assessment Report (SEARs) will be required, which should lead to an instrument of approval. This document would identify any post approval conditions.

We are undertaking preparation of an ACHAR for the study area, along with Aboriginal community consultation following current NSW Heritage policy.

1.4 Objectives of this Aboriginal Archaeological Research Design

To understand, assess and provide management for Aboriginal heritage, an ACHAR is being produced. Development of the ACHAR requires a series of stages be undertaken, including a program of Aboriginal community consultation, an archaeological survey, and archaeological test excavation (where relevant). This ARD provides the framework for the program of archaeological survey and test excavation, which has been identified as a necessary work element following the due diligence report.

Archaeological survey and test excavation will be undertaken in collaboration and consultation with the project's Registered Aboriginal Parties (RAPs). The aim of consulting with Aboriginal people is to facilitate a process for RAPs to contribute culturally appropriate information, as well as to participate in the determination of the cultural significance of Aboriginal objects and/or places that may be present within the study area. Consultation also provides an opportunity for RAPs to have input into the development of cultural heritage management options.

The objectives of the survey and test excavation will be to understand the location of any Aboriginal sites (both tangible and intangible) within the study area, to investigate their landscape connection at the wider level, and to determine their significance to the Aboriginal and archaeological communities.

1.5 Authors

This report has been prepared by Talei Holm, Consultant, and Andie Coulson, Graduate Consultant, with review and strategic input by Dr Tim Owen, Principal.

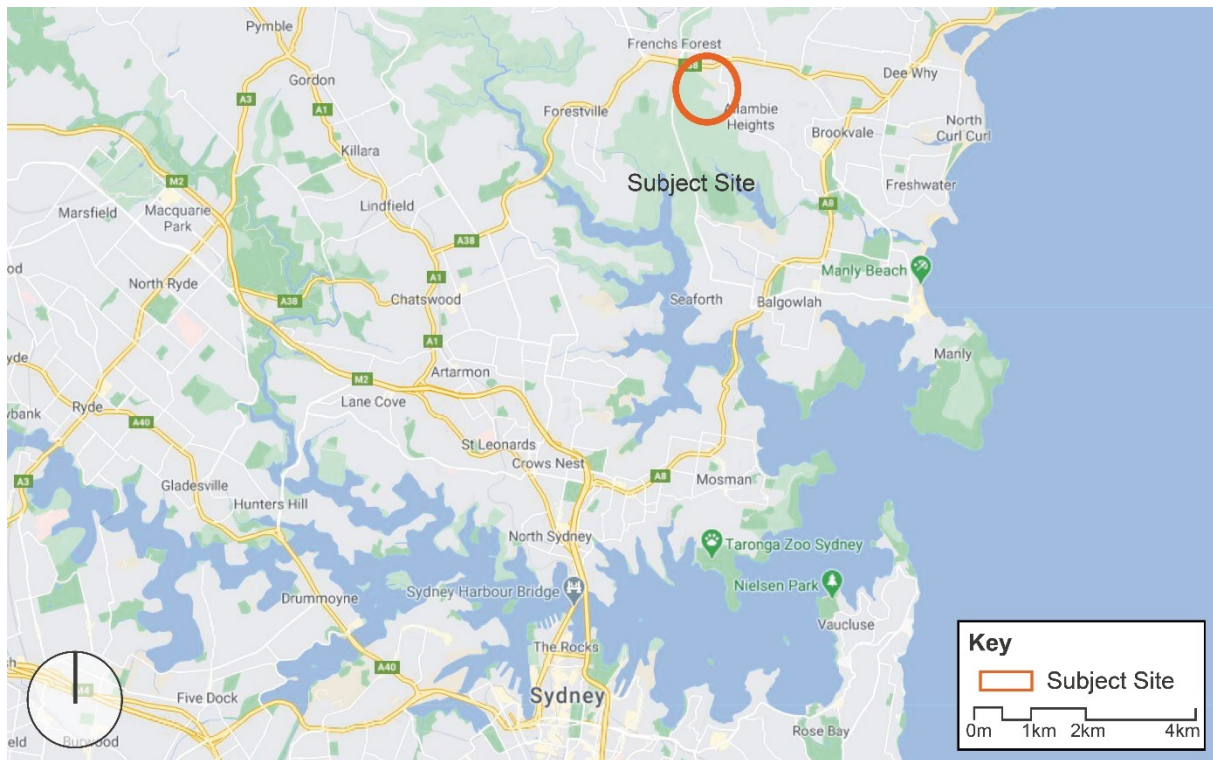


Figure 1.1 The study area in the context of the Sydney region. (Source: GML 2021, over Google Maps 2020)



Figure 1.2 The study area in the context of the suburb of Allambie Heights. (Source: GML 2021, over SIXMaps)

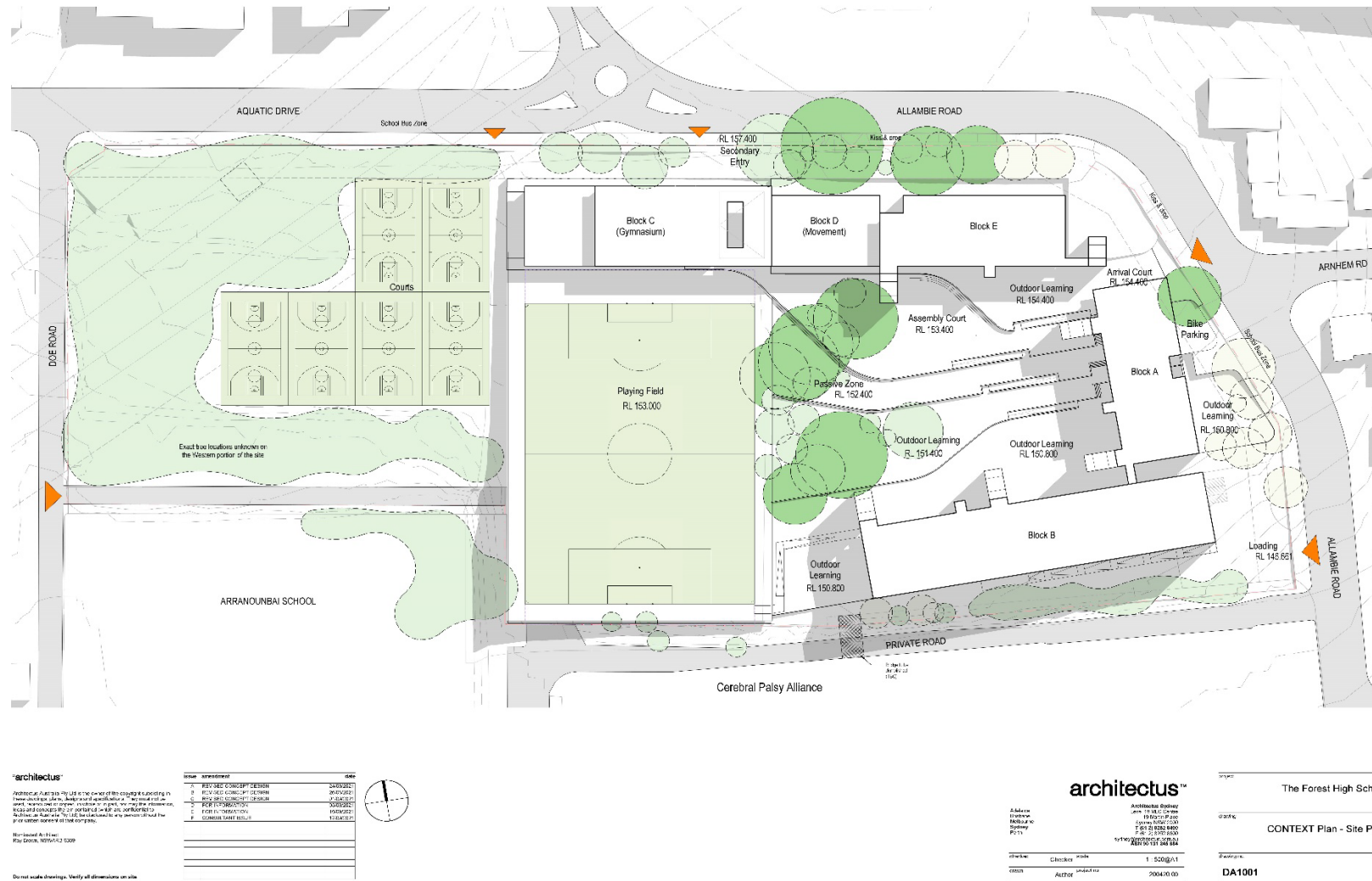


Figure 1.3 Proposed concept plan. (Source: Schools Infrastructure NSW 2021)

1.6 Endnotes

- ¹ Department of Environment, Climate Change and Water, Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010.

Archaeological and Environmental Context

2 Archaeological and Environmental Context

2.1 Archaeological Context

The purpose of this section is to synthesise available information from previous archaeological studies and to provide context and a baseline for what is known about Aboriginal cultural heritage in the study area.

2.1.1 Aboriginal Heritage Information Management System Search

A search of the Heritage NSW Aboriginal Heritage Information Management System (AHIMS) database was undertaken on 2 December 2020 (reference number 554146) (Appendix B). The search covered a zone from latitude, longitude -33.7807, 151.2091 to -33.7408, 151.2723. A basic search was conducted on 1 September 2021 (AHIMS ID 618880), which showed no change in search results. The results of the search are shown in Table 2.1 and Figure 2.1 and Figure 2.2. A total of 100 Aboriginal sites/places have been recorded within the search area. One of these sites has been determined not to be an Aboriginal site since its original recording and has been discounted from this report.

Table 2.1 Results of Aboriginal Heritage Information Management System Search.

Site Feature	Frequency
Art	8
Art and artefacts	2
Art and water hole	1
Art, grinding groove and PAD	1
Art, water hole and PAD	1
Artefact	4
Grinding groove, rock engraving and water hole	2
Habitation structure and PAD	1
Midden	14
Potential Archaeological Deposit (PAD)	1
Rock engraving	41
Rock engraving and midden	1
Shelter with art	6
Shelter with art and midden	2
Shelter with midden	14
Total	99

There are no previously recorded Aboriginal sites located within the study area. However, there are several sites within its proximity which gives us a better understanding of its context in the surrounding

region. Of note are the high number of rock engravings (42% of the local archaeological record). The location and position of these indicates prior Aboriginal cultural landscape connection and use (Figure 2.1 and Figure 2.2).

The closest engraving to the study area is site 45-6-0905 (Figure 2.2). Located 100m south of the study area, site 45-6-0905 is a rock engraving depicting a single kangaroo/wallaby in a leaping pose. It faces northwest, has been engraved into a flat piece of exposed bedrock, and has a faint but smooth outline. This site was visited during the preparation of the due diligence report. Site 45-6-0668 has two recorded motifs and another noted anecdotally. A cluster of engraving sites are positioned to the northeast of the study area. Site 45-6-0752 (which appears to be the same site as 45-6-0753), site 45-6-2402 and site 45-6-0745 have 20 recorded motifs. Given the frequency of rock engravings in the surrounding area and the pattern of engravings appearing in clusters with multiple figures, there could be some potential for engravings to be found on panels of intact sandstone bedrock within the study area.

The regional AHIMS record also identifies some other Aboriginal site types and features in a similar landform context to the study area, including stone artefacts and areas with potential archaeological deposits (PAD). Other site types, such as middens and rock shelters, are associated with the steep sandstone valleys abutting Middle Harbour and would not be expected on the elevated landforms of the study area.

2.1.2 Relevant Local Literature

There have been very few archaeological reports prepared for this area, with the majority focusing on rock engravings. One book has been written regarding the social archaeology of the Northern Beaches area.

Northern Beaches—The Tale of a Whale: Significant Aboriginal Landscapes of the Northern Beaches—Emma Lee, 2002

This book was written by Tasmanian Aboriginal archaeologist Emma Lee in association with the Metropolitan Local Aboriginal Land Council (MLALC). It tells the story of the Aboriginal people of the Northern Beaches of Sydney. Lee details the history and culture of the Aboriginal people of the Northern Beaches and completes an in-depth analysis of 'heritage places', associations and their significance. In addition to discussing the culture, Lee also describes the landscape and lifestyle of the saltwater people who were living on North Head and near surrounding lagoons and creeks. The publication outlines connections between places, landscapes and Aboriginal heritage, notably around North Head.

28 Rodborough Road, Frenchs Forest—Due Diligence—Oliver Brown Consulting Archaeology, 2011

This report was prepared for Platino Properties. Engraving site 45-56-0668 was initially recorded in 1977, and Warringah Council was concerned that construction of the Warringah Park Business Centre had harmed the engraving. This report located and rerecorded the site. There were no further sites recorded and a previously noted single flaked quartz object could not be relocated. The location of 45-56-0668 is 500m northeast of the study area and in a similar soil and landform context to the study area.

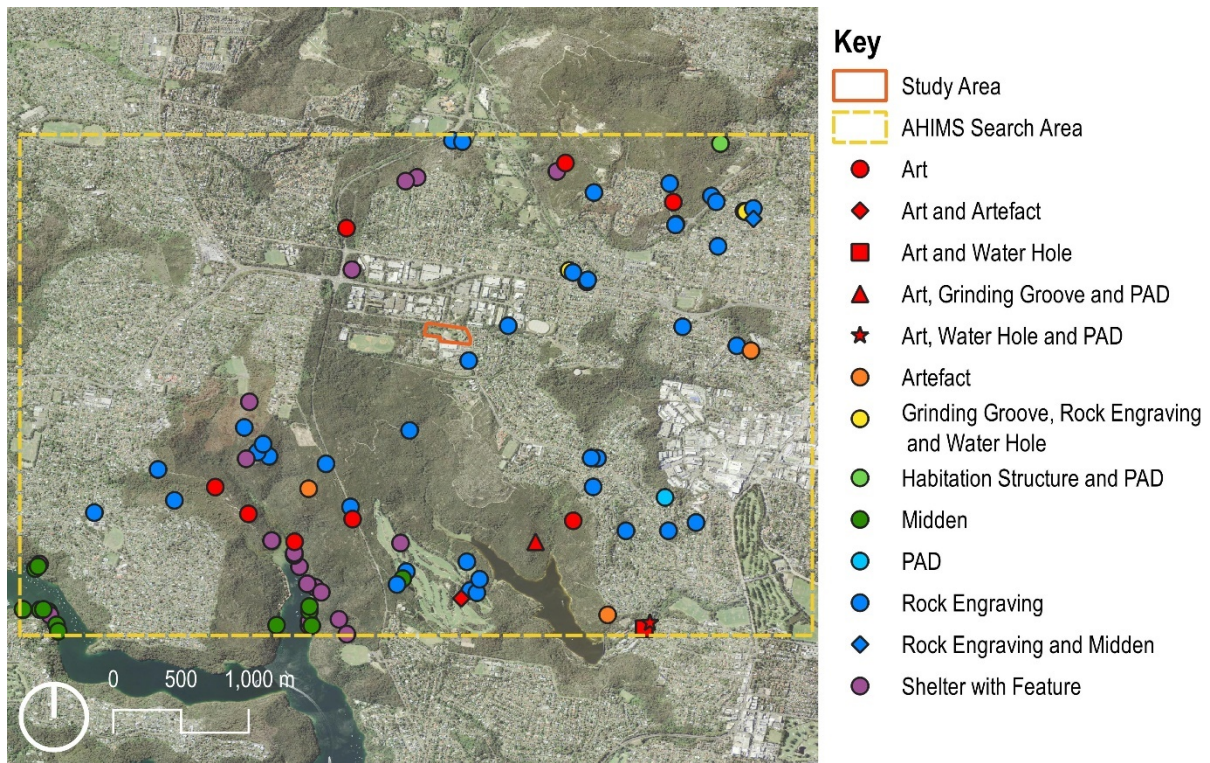


Figure 2.1 AHIMS search results. (Source: NSW LPI with GML additions 2020)



Figure 2.2 AHIMS search results—detail. (Source: NSW LPI with GML additions 2020)

2.2 Landscape Context

The purpose of this section is to provide environmental contextual information for use in developing a predictive model of Aboriginal site locations associated with the study area. Interactions between people and their surroundings are of integral importance in both the initial formation and the subsequent preservation of the archaeological record. The nature and availability of resources, including water, flora and fauna, and suitable raw materials for the manufacture of stone tools and other items, had (and continues to have) a significant influence over the way in which people utilise the landscape.

Alterations to the natural environment also impact upon the preservation and integrity of any cultural materials, whether Aboriginal or non-Aboriginal, and current vegetation and erosional regimes affect the visibility and detectability of sites and objects. For these reasons, it is essential to consider the environmental context as a component of any heritage assessment.

2.2.1 Landforms and Landscape Features

The study area is located on the Hornsby Plateau. The geology of the study area is Hawkesbury Sandstone. Regional soil landscape mapping indicates that most of the study area is on disturbed land, yet aerial photography and the known history of the area indicates that the pattern of soil disturbance may not be total (Figure 2.3).

Two soil landscapes could intersect across the study area: Lucas Heights across the northern half, and Lambert across the southern (Figure 2.3). Both the A₁ and A₂ horizons of these two residual soil landscapes can retain Aboriginal archaeological deposits. The formation process for each soil horizon (the breakdown of bedrock) suggests these are unlikely to retain stratified (time-based) deposits.

Lambert¹

The Lambert soil landscape (la) is a typically shallow residual soil on undulating to rolling hills. Topsoil (A₁ horizon) is typically a loose, stony, yellowish-brown sandy loam with inclusions of charcoal. On terrain such as the study area, it can be up to 300mm in depth or not present at all. Underlying this is a yellow-brown, light sandy clay loam (A₂ horizon), which can reach a depth of 400mm. Exposed bedrock benches can reach up to 100m in length.

Lucas Heights²

Lucas Heights (lh) is a residual soil landscape associated with the majority of the study area. It is characterised by gently undulating crests and ridges on the plateau surfaces of the Mittagong Formation. The landscape generally consists of up to 30cm of loose, dark brown to yellowish brown sandy loam (A₁ horizon) and 10–30cm of bleached, stony, hard-setting sandy loam (A₂ horizon) which overlies earthy, yellowish brown sandy clay loam (B horizon). Low eucalypt open forests and low eucalypt woodlands are the major vegetation covers in the Lucas Heights soil landscape.

2.2.2 Landforms and Hydrology

Allambie Heights is situated on the Hornsby Plateau, which has been eroded by streams that flowed to Holocene coastal lagoons. As such, topography varies drastically between steep sandstone ridges and their flat hill tops.

The study area is located on the southeastern edge of the Hornsby Plateau, connected to the Manly Creek 750m to the west by a spur, which forms a clear ridgeline route downhill to the water (Figure 2.4). To the northeast, two hill tops create a shallow valley that extends into and across the study area and down the spur.

No creek lines are associated with the study area (Figure 2.4), although a potential ephemeral first order creek could have been located on the slopes to the east of the study area (indicated by the contour lines in Figure 2.4).



Figure 2.3 Soil landscapes of the study area. (Source: GML 2020, over SIXMaps)



Figure 2.4 Hydrology and contour lines across the study area. (Source: GML 2020, over SIXMaps)

2.2.3 Fauna and Flora

Vegetation across the study area has predominantly been cleared, yet it was once covered in low eucalypt woodlands, with species such as red bloodwood (*Corymbia gummifera*), scribbly gum (*Eucalyptus haemastoma*), turpentine (*Syncarpia glomulifera*) and yellow-top ash (*Eucalyptus luemanniana*).³

2.2.4 Land Use History

The study area has been subject to historical and recent development activities. However, there are some areas that have only experienced partial land stripping and have the potential for old growth trees and intact soil horizons to remain undisturbed. Aerial photography from 1943 to 1994 provides evidence for the history of twentieth-century alterations and impacts. These are reviewed and presented below:

- 1943 aerial (Figure 2.5)—a small area with quarrying is evident in the northwest corner. Tracks and paths cross the study area. Vegetation has been stripped from the central and eastern parts.
- 1951 aerial (Figure 2.6)—further vegetation stripping has occurred. The network of paths has become more incised. A scoured and quarried area is present to the immediate south of the study area.
- 1961 aerial (Figure 2.7)—vegetation has been stripped to make way for buildings constructed in the northeast corner of the study area. Several large trees have also been removed from the western portion of the study area. The quarry is still present to the immediate south of the study area.

- 1976 aerial (Figure 2.8)—the western portion of the study area has been stripped and cut. Development has occurred across its central and eastern portions. Two mature trees have been retained within a central garden area. These appear to be the only trees retained from 1943.
- 1986 aerial (Figure 2.9)—further impacts have occurred across the western part of the study area.
- 1994 aerial (Figure 2.10)—the western part of the study area is grassed, and no further major alterations have occurred.

The analysis of past impacts through aerial photographs has identified some areas with less disturbance (Figure 2.11). These zones were further assessed during the study area inspection.

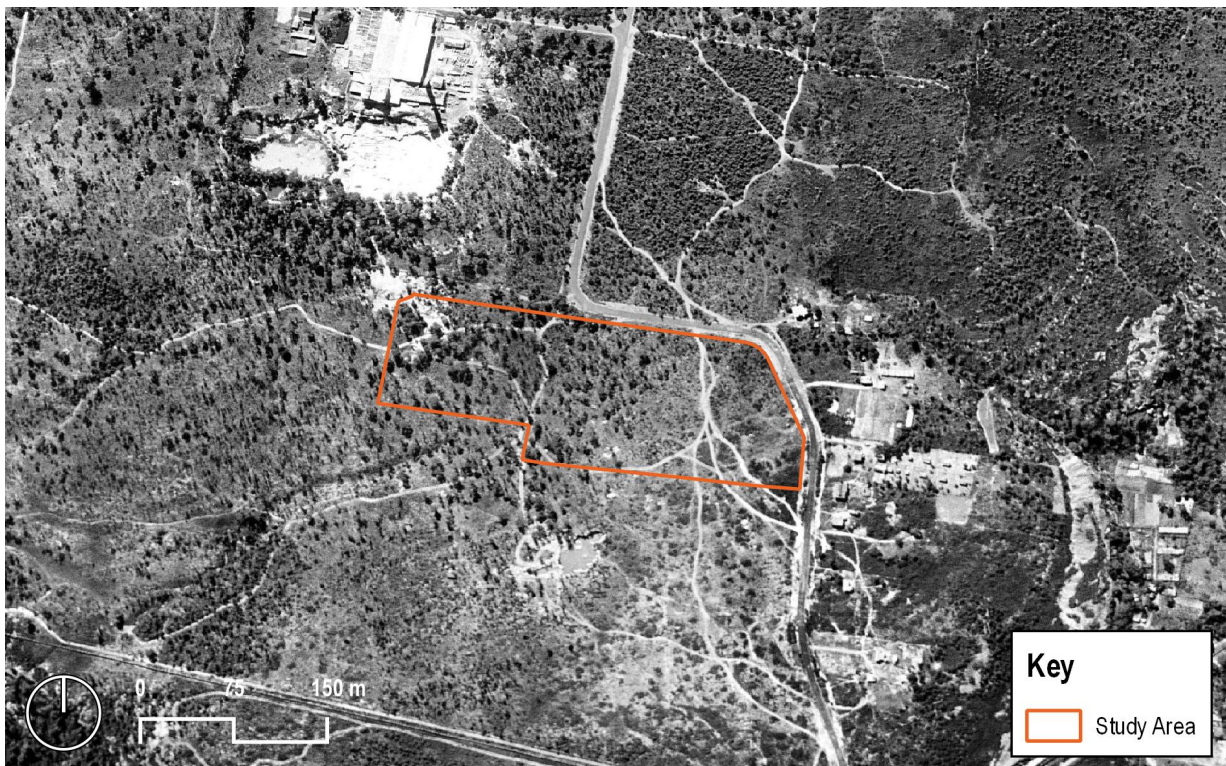


Figure 2.5 1943 historical aerial showing the study area. (Source: SIXMaps with GML overlay 2020)



Figure 2.6 1951 historical aerial showing the study area. (Source: NSW Spatial Collaboration Portal with GML overlay, 2020)

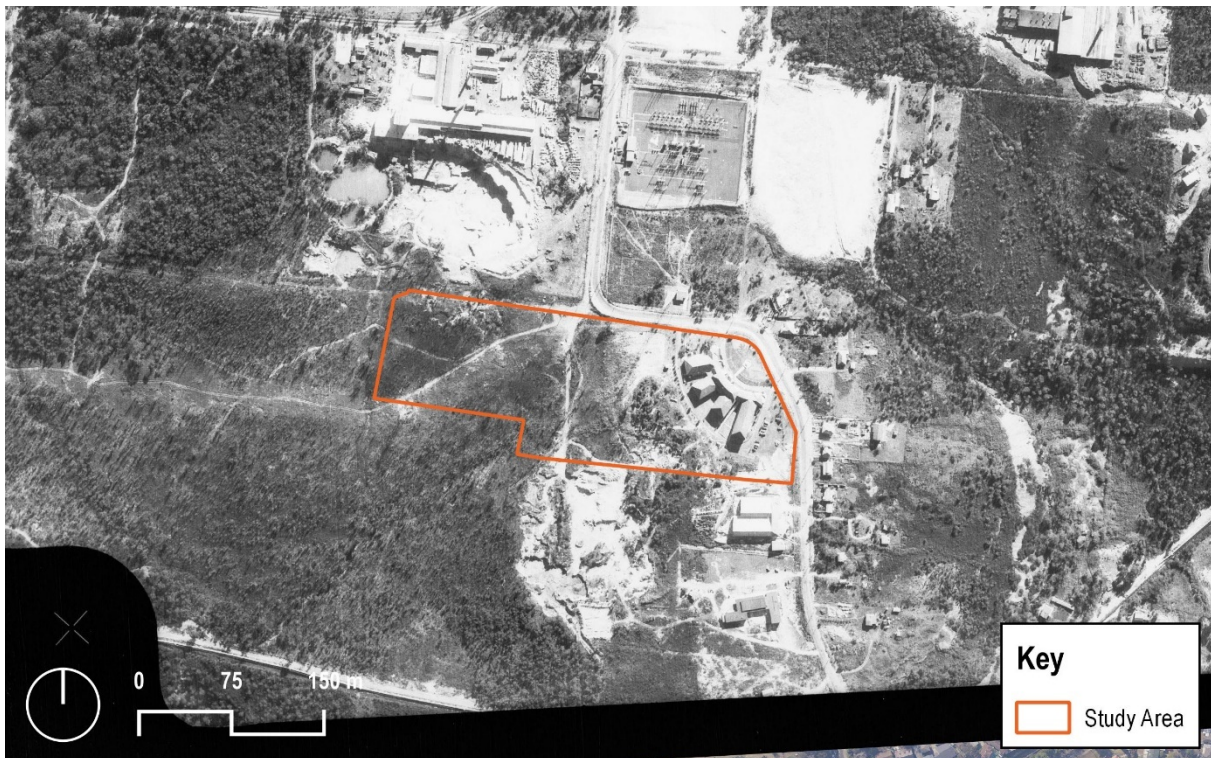


Figure 2.7 1961 historical aerial showing the study area. (Source: NSW Spatial Collaboration Portal with GML overlay, 2020)



Figure 2.8 1976 historical aerial showing the study area. (Source: NSW Spatial Collaboration Portal with GML overlay, 2020)



Figure 2.9 1986 historical aerial showing the study area. (Source: NSW Spatial Collaboration Portal with GML overlay, 2020)



Figure 2.10 1994 historical aerial showing the study area. (Source: NSW Spatial Collaboration Portal with GML overlay, 2020)



Figure 2.11 Areas with potential minimal land disturbance, based on an analysis of aerial photography. (Source: SIXMaps with GML overlay, 2020)

2.3 Summary of Archaeological and Environmental Context

No Aboriginal sites have been recorded within the study area in the AHIMS database, but there is a rock engraving 100m south of the study area, and a cluster of engravings to the study area's northeast. The frequency of rock engravings in the vicinity indicates potential for engravings on sandstone bedrock within the study area. These may not be visible due to soil accumulation over previously exposed bedrock, but may be encountered during excavation. The elevated landforms of the study area suggest midden and rock shelter site types are unlikely but that PADs may be present.

The study area is located on the Hornsby Plateau, with expected Lambert and Lucas Heights soil landscapes. Mapped soil landscape locations should be treated with caution and ground-truthed during excavation. Regional soil mapping indicates large swathes of disturbed terrain cross the study area, though aerial photography from prior decades indicate areas of undisturbed soils may still be present on site. There are no creek lines associated with the study area, though ephemeral streams would once have been present on the slopes east of the study area. The study area would also have been covered in low eucalypt woodlands in the past, but aerial photography indicates that vegetation had been stripped from the central and eastern portions of the site by 1943. Subsequent decades saw further vegetation stripping, alongside quarrying and construction of buildings.

2.4 Predictive Model

Using the contextual information discussed above as well as other known available resources, including Julie Dibden's 2011 PhD thesis on the rock art of the upper Nepean, a predictive model for the study area has been developed.⁴ This predictive model focuses on the sites that are most prominent within the region surrounding the site.

Rock engraving art sites are the most common in the region, comprising almost 50% of recorded sites. They are often found on flat platforms that have 360-degree views of the surrounding landscape or in areas that are special for animal or people.⁵ At the regional level, specific landforms, particularly upper slopes, crests and first order streams, are associated with rock engravings. These landforms also mark primary movement corridors.⁶ For the local level, the AHIMS data appears to support this modelling, with clusters of engraving sites located on specific landform types. Rock engravings could be identified within the study area should intact, horizontal, exposed sandstone bedrock be present.

Recorded grinding groove sites are often associated with engraved rock art sites and their locations across a landscape follow a similar pattern. Such sites are often associated with the slopes and open depressions of first and second order creeks, with upper slopes favoured.⁷ However, the AHIMS results for the study area show a lack of grinding grooves in the searched area (Figure 2.1) when compared to other regions of Sydney with similar landform patterns.⁸ Grinding grooves are therefore not expected to occur within it.

The study area could also contain Aboriginal stone artefacts in locations which retain intact soils and that are connected with landforms conducive with manufacture, maintenance and use of the items.

2.5 Inspection for Due Diligence

On 15 December 2020 GML and the MLALC undertook a simple inspection for the purpose of understanding local impacts, the context of the recorded rock art (outside the study area), and

determining whether any locations remained inside the study area which had not been impacted by prior excavation and development.

It was found the landforms along the northern boundary of the study area had been cut during prior development, with consequent vegetation regrowth. Extensive platforms of soil had been introduced to form a level platform through the centre of the study area. These impacts had not been observed during the analysis of aerial photography (Figure 2.11). The inspection identified the central zone, associated with old growth trees, had been subject to minimal prior impacts, and as such represented the only portion of the study area with Aboriginal heritage sensitivity. It was determined that soils on this flat landform could hold Aboriginal objects in a subsurface context (Figure 2.12).



Figure 2.12 Aboriginal archaeological potential across the study area. (Source: SIXMaps with GML additions, 2020)

2.6 Endnotes

- 1 Chapman, G et al. 1989, Soil Landscapes of the Sydney Region 1:100 000 Sheet, Soil Conservation Service of NSW, Sydney, p 76 – 81.
- 2 Chapman, G et al. 1989, Soil Landscapes of the Sydney Region 1:100 000 Sheet, Soil Conservation Service of NSW, Sydney, p 36 – 39.
- 3 Dibden, J A 2011, 'Drawing in the Land: Rock-art in the Upper Nepean, Sydney Basin, New South Wales', PhD Thesis, Australian National University, Canberra.
- 4 Byrne, D 1986, Proposed Warringah Park Business Centre, Beacon Hill: Survey for Archaeological Sites and Report on Aboriginal Rock Engravings, report prepared for Givans Brothers Pty Ltd.

- ⁵ Lee, E 2002, The Tale of a Whale – Significant Aboriginal Landscapes of the Northern Beaches, Warringah Council.
- ⁶ Dibden, J A 2011, 'Drawing in the Land: Rock-art in the Upper Nepean, Sydney Basin, New South Wales', PhD Thesis, Australian National University, Canberra, p 127.
- ⁷ Dibden, J A 2011, 'Drawing in the Land: Rock-art in the Upper Nepean, Sydney Basin, New South Wales', PhD Thesis, Australian National University, Canberra, p 127.
- ⁸ Dibden, J A 2011, 'Drawing in the Land: Rock-art in the Upper Nepean, Sydney Basin, New South Wales', PhD Thesis, Australian National University, Canberra, p 123.

Aboriginal Community Consultation

3 Aboriginal Community Consultation

3.1 Aboriginal Community Consultation To Date

Aboriginal community consultation was initiated in accordance with the DECCW publication *Aboriginal cultural heritage consultation requirements for proponents*.¹ Stage 1, Step 1 letters to statutory bodies were sent on 3 September 2021, requesting contact details for Aboriginal people who may have an interest in the study area. These statutory bodies included:

- Heritage NSW;
- the Metropolitan Local Aboriginal Land Council;
- the Office of The Registrar, Aboriginal Lands Right Act 1983;
- the National Native Title Tribunal;
- the Native Titles Service Corporation;
- Northern Beaches Council; and
- Greater Sydney Local Land Services.

Following the receipt of responses from Stage 1, Step 1, a number of potential Aboriginal stakeholders were identified. Stage 1, Step 2 letters were sent to the identified Aboriginal people on, and an advertisement was placed in the Manly Daily (online) on 17 September 2021. Both the Stage 1, Step 2 letters and the advertisement invited Aboriginal people with an interest in the study area to register as a stakeholder in order to be involved in consultations. Registrations were accepted until 24 September.

Seven Aboriginal parties registered an interest in the project. The following list of stakeholders are the RAPs for the project:

- A1 Indigenous Service
- Anonymous 1
- Butucarbin Aboriginal Corporation
- Darug Custodian Aboriginal Corporation
- Didge Ngunawal Clan
- Kamilaroi-Yankuntjatarra Working Group
- Metropolitan Local Aboriginal Land Council

All registrations of interest were acknowledged via phone or email.

3.2 Cultural Heritage Assessment Program

Heritage NSW has defined a number of stages during the Aboriginal consultation process.² The following table provides a synopsis of the process to date.

Stage	Status
Write to statutory bodies to obtain contact details for Aboriginal people who may have an interest in the project.	Complete
Write to identified Aboriginal people, inviting them to register an interest in the project.	Complete
Place an advertisement in local print media, inviting Aboriginal people with cultural knowledge of the area to register an interest in the project.	Complete
Record names of Aboriginal people who have registered an interest in the project.	Complete
Advise the Local Aboriginal Land Councils (LALCs) and Heritage NSW of RAPs' details (subject to privacy requests).	Complete
Present information regarding proposed project to RAPs.	This document
Provide methodology for the cultural heritage and archaeological assessment to RAPs.	This document
Invite RAPs to provide input for the assessment methodology.	Pending
Invite RAPs to identify: <ul style="list-style-type: none"> whether any Aboriginal objects of cultural value are present within the study area; and whether any places of cultural value are present within the study area. 	Forthcoming
Invite RAPs to comment on potential management outcomes.	Forthcoming
Prepare draft ACHAR and provide to RAPs for comment.	Forthcoming
Incorporate RAPs' comments into final ACHAR.	Forthcoming
Provide final ACHAR (and AHIP application) to the RAPs, LALC and Heritage NSW.	Forthcoming

3.3 Roles and Expectations

The DECCW Consultation Requirements³ list a number of responsibilities and expectations for both the Aboriginal community and the proponent regarding the assessment of the study area's cultural heritage.

The Aboriginal community is responsible for determining who is authorised to speak for Country and its associated cultural heritage. If there is a dispute regarding who has the right to speak for Country, it is up to the Aboriginal community, not the proponent or Heritage NSW, to resolve the dispute in a timely manner.⁴

RAPs are also responsible for providing information relating to Aboriginal cultural heritage relevant to the study area to assist in managing its cultural significance in an appropriate manner.⁵

It is expected that:

- Aboriginal people providing knowledge regarding the cultural heritage of the study area are trusted and allowed by the rest of the Aboriginal community to speak for Country;⁶
- people speaking for Country hold knowledge about the cultural significance of their heritage and are able to provide input into appropriate management strategies;⁷
- RAPs have an understanding of the commercial environment in which the proponent is operating and the constraints associated with this environment;⁸ and
- RAPs understand that the Chief Executive of Heritage NSW is the final decision maker when considering applications under Part 6 of the NPW Act, and that these decisions may not be consistent with the views of the RAPs.⁹

SINSW is responsible for consulting with the Aboriginal community and managing the consultation process in accordance with the Consultation Requirements.¹⁰

It is expected that:

- it will develop and implement appropriate consultation methods, in accordance with the Consultation Requirements;¹¹
- Aboriginal views are considered and appropriately incorporated into the assessment process;¹² and
- the consultation process is accurately documented, including both the consultation undertaken and the input from the RAPs.¹³

Heritage NSW is responsible for assessing any application under Part 6 of the NPW Act and is the decision maker regarding whether an AHIP application is refused or granted. Heritage NSW is responsible for ensuring any conditions attached to an AHIP are complied with by the AHIP holder.¹⁴ Internal policies for assessing AHIP applications will be followed by Heritage NSW and all information provided as part of an AHIP application will be considered.

3.4 Endnotes

- ¹ Department of Environment Climate Change and Water NSW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment, Climate Change and Water (NSW).
- ² Department of Environment Climate Change and Water NSW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment, Climate Change and Water (NSW).
- ³ Department of Environment Climate Change and Water NSW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment, Climate Change and Water (NSW).
- ⁴ Department of Environment Climate Change and Water NSW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment, Climate Change and Water (NSW), p 15.
- ⁵ Department of Environment Climate Change and Water NSW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment, Climate Change and Water (NSW), p 15.
- ⁶ Department of Environment Climate Change and Water NSW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment, Climate Change and Water (NSW), p 8.

- ⁷ Department of Environment Climate Change and Water NSW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment, Climate Change and Water (NSW), p 8.
- ⁸ Department of Environment Climate Change and Water NSW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment, Climate Change and Water (NSW), p 16.
- ⁹ Department of Environment Climate Change and Water NSW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment, Climate Change and Water (NSW) p, 15.
- ¹⁰ Department of Environment Climate Change and Water NSW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment, Climate Change and Water (NSW), p 16.
- ¹¹ Department of Environment Climate Change and Water NSW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment, Climate Change and Water (NSW), p 6.
- ¹² Department of Environment Climate Change and Water NSW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment, Climate Change and Water (NSW), p 16.
- ¹³ Department of Environment Climate Change and Water NSW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment, Climate Change and Water (NSW), p 16.
- ¹⁴ Department of Environment Climate Change and Water NSW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment, Climate Change and Water (NSW), p 15.

Archaeological Research Design

4 Archaeological Research Design

Two phases of assessment work are proposed: archaeological survey and archaeological test excavation. This section provides the parameters for both proposed works.

4.1 Archaeological Survey

An archaeological survey will be undertaken with the aim of identifying, recording and assessing the condition of previously unrecorded Aboriginal sites within the study area. Whilst the due diligence inspection examined the study area, the formal survey will represent an opportunity to walk over the study area and discuss this area and its Aboriginal heritage context with local Aboriginal people.

The archaeological survey will be undertaken in accordance with the Code of Practice¹ and the results will be recorded in an Archaeological Technical Report (ATR), which will be an appendix to the ACHAR. The study area is approximately 4ha. It is proposed to survey the area on foot, in a single team comprised of two archaeologists with experience in Aboriginal cultural heritage assessment and representatives from the project's RAPs. It will be systematically surveyed in transects where possible. Opportunistic inspection will be undertaken of areas and features that have been identified as having potential to be associated with Aboriginal cultural heritage, or which are identified by the RAPs as requiring investigation. The investigation will also be used to confirm locations of disturbance as identified in Section 2. Notes will be made regarding the soil condition and evidence of disturbance.

Any newly identified sites will have their location recorded and their extent mapped on the aerial and/or topographic maps. They will be photographed and AHIMS cards completed—these will be submitted to Heritage NSW. The landscape of the study area will be characterised and areas with Potential Archaeological Deposit (PAD) will be designated.

Any areas which cannot be inspected due to occupational health and safety concerns will be visually assessed (as far as possible) and the limitation recorded.

4.2 Mechanism for Archaeological Test Excavation

Archaeological test excavation is permitted under the Code of Practice without the need for approval under Section 90 of the NPW Act.² That is, it is excluded from the definition of 'harm' under the NPW Act provided that the subsurface investigations are not carried out in the following areas:

- in or within 50m of an area where burial sites are known or are likely to exist;
- in or within 50m of a declared Aboriginal place;
- in or within 50m of a rock shelter, shell midden or earth mound; and/or
- in areas known or suspected to be Aboriginal missions or previous Aboriginal reserves or institutes.

As described by Heritage NSW, the purpose of test excavation is to:

*... collect information about the nature and extent of sub-surface Aboriginal objects, based on a sample derived from sub-surface investigations. Test excavations contribute to the understanding of site characteristics and local and regional prehistory and they can be used to inform conservation goals and harm mitigation measures for the proposed activity.*³

4.3 Test Excavation Sampling Strategy

An appropriate methodology for archaeological test excavation has been defined by Heritage NSW.⁴ The sampling strategy for undertaking test excavation should be developed in accordance with the needs of each project and be subject to the specific requirements of its study area.

An understanding of previous archaeological work and AHIMS data provides a context for previously identified Aboriginal objects. Acknowledging the data and recording limitations of the AHIMS system, there is a basic correlation between densities of previously recorded Aboriginal features and zoning identified as having a PADs.

In an ideal situation, where no post-Aboriginal occupation impacts have occurred, all the zones identified as possessing archaeological potential would be sampled. However, in order to develop a strategic sampling model, consideration needs to be given to natural and historical processes that have impacted, and/or removed, archaeological deposits associated with the study area. Therefore, areas known to have been impacted by previous construction will not be tested.

4.3.1 Archaeological Sampling Strategy

The archaeological sampling strategy to be employed during the excavation is based on the methodology for sampling developed by Orton.⁵ Orton presents a 12-step process for determining a suitable process of sampling and test excavation methodology. The test methodology developed by GML for the study area follows Orton's categories and is presented below.

Existing Knowledge

The existing knowledge collected for this report comprises:

- registered site data and prior reports;
- the landscape context; and
- known impacts to the study area that will affect archaeological potential.

Test excavation units have been located in areas with archaeological potential, as identified during the inspection for the due diligence. Whilst not anticipated, should additional zones with archaeological potential be identified during the archaeological survey, these could also be subject to archaeological test excavation.

Objectives (and Research Questions)

The first objective of the archaeological test excavation within the study area is to clarify, characterise and describe the condition and integrity of soils—a geoarchaeological approach.

The second objective is to determine whether the soil profiles contain archaeological materials (Aboriginal objects), and to undertake an assessment of these objects within a regional context.

In order to achieve these two objectives, research questions have been established to guide the archaeological process and provide the basis for questioning the data collected. At the current time these research questions are basic, this is because little prior archaeological work has been undertaken in this part of Sydney. Relevant research questions include:

1. What are the characteristics of soil horizons across the study area?

- a. How has the land use history impacted the study area and survival of soils, and thus archaeological material?
 - b. Is the deposit consistent across the study area? Or does it possess characteristics that tell of different depositional or formation events?
2. Is there an archaeological deposit present?
 - a. Where is the nature of the archaeological deposit?
 - b. Is there archaeological evidence that can be dated (by carbon dating, optically-stimulated luminescence and/or relative dating)?
 - c. What evidence—if any—other than stone artefacts is present for Aboriginal occupation and/or use of the study area? Although not expected, is there evidence for contact-period archaeology?
3. What is the general nature of stone artefacts recovered from the site? How can the stone artefact assemblage be characterised?
 - a. What raw materials are represented in the stone artefact assemblage? Is there any difference between locations in terms of the raw materials comprising the deposit?
 - b. Can any information be ascertained from the stone artefact assemblage regarding the intensity of stone artefact reduction and discard?
 - c. Can a difference between stone artefact deposits be identified by different strata in the assemblage over time? If so, what is the nature of that difference?
4. How can the deposit be interpreted?
 - a. Is there any evidence for variation in landscape use and selection strategies?
 - b. Does the archaeological deposit vary spatially across the study area? How?
 - c. What does the archaeological deposit tell us about Aboriginal use of this specific landscape?
5. Can the archaeology be interpreted in a regional context?
 - a. Can the deposit be related to a wider cultural landscape? Is there connection between locations with archaeology and the engraved art sites? Could these be associated temporarily?
 - b. Does the stone artefact deposit represent part of the wider cultural landscape use? What does the deposit tell us about this use?
 - c. What is the source of the artefactual stone? How does this correlate with current regional research and knowledge of stone resources?
 - i. Is raw stone material for artefact manufacture readily present within or near to the study area?

- ii. Has stone been brought into the study area? From how far away has the stone been brought?
 - iii. Why might stone have been imported (eg because it is high value/quality material or due to raw material scarcity or lack of variety)?
 - iv. What is the main discard and reduction strategy pattern that can be observed for different raw materials across the study area? How does this compare with other sites in the region?
 - v. Does the archaeological deposit within this study area conform to the distance from water regional predictive model and theories or not? Does it fit better with other predictive models?
6. Is the archaeological deposit culturally significant?
 - a. What is the heritage value of the deposit, both scientifically and culturally?
 - b. How does the Aboriginal community view and value the deposit identified?
7. Is there a deposit worthy of conservation or of future research?
 - a. Where and what deposits should be conserved for future generations?
 - b. Which deposits should be subject to more extensive investigations?

Population

The targeted population is defined by the extent of the study area boundary and the extent of significant impacts within the study area. Archaeological sampling will be further targeted to those areas that have archaeological potential (those zones that are likely to contain a residual deposit) and those that are not highly disturbed and/or do not pose a danger to the fieldworkers.

Test units (TUs) will be placed within the areas of potential that will be subject to disturbance as part of the proposed works. The proposed TU layout is presented in Figure 4.1. The location of TU would be subject to minor alteration prior to excavation, so that prior impacts and impediments to excavation are avoided.

Data to be Collected

Data will be collected for each TU during the test excavation on a specific TU context sheet. Test excavation will be undertaken in accordance with Heritage NSW guidelines:

- TUs must be excavated in 50cm x 50cm units.
- The first TU must be excavated and documented in 5cm spits. Based on the evidence of the first excavation unit, 10cm spits or stratigraphic excavation (whichever is smaller) may then be implemented.
- All material excavated from the TUs must be dry sieved using a 5mm sieve. If possible a 3mm sieve will be used.
- Test excavation units must be excavated to at least the base of the identified Aboriginal object-bearing units, and must continue to confirm the soils below are culturally sterile.

Data collected will include:

- TU number;
- TU location;
- TU landform;
- TU aspect;
- depth of each spit as excavated;
- number of stone objects (or other feature/s) per spit;
- total number of objects;
- any features or inclusions (such as carbon);
- taphonomic factors (disturbance, bioturbation etc); and
- soil characteristics.

Section and plan diagrams (especially where features are present) will be created where appropriate, and recommendations made as to whether the TU should be expanded (in accordance with Heritage NSW guidelines) or if further TUs should be located surrounding the one excavated in order to better understand the extent of an archaeological deposit.

The excavation director will supervise all TU recording and determine whether further TUs should be opened (in addition to those defined by the sample grid), or whether a TU should be expanded.

A running total of features and Aboriginal objects will be kept determining an in-the-field comparison between sample areas.

Degree of Precision Required

The location of each sample transect has been established using GIS—it is based on landforms, disturbance factors and archaeological potential. For every sample transect, TUs will be positioned using GIS on transects at 10m intervals. The accuracy of this initial layout is high (Figure 4.1). All TU locations will be set out by a surveyor, based upon the sample pattern developed (with minor variation only where physical features on the ground necessitate this). Additional TUs will be set out in the field by hand using standard surveying techniques when and if required. Excavation of each spit will be determined by an archaeologist using a hand tape—the vertical control for excavating should be around 100mm.

Spatial control of TU locations and vertical excavation will be sufficiently precise to define the location of Aboriginal deposits across the study area and to allow the research questions to be addressed.

Method of Measure

The natural background density of Aboriginal objects across the wider region is low: that is, less than one artefact per square metre (based upon an understanding of archaeological excavation results from regional work). In this region, it is suggested that object densities over 10 per square metre represent a denser focused deposit.

Some zones may have limited evidence relating to Aboriginal objects but could yield other significant deposits, such as hearths, oven/fire pits, heat-retaining stone, etc—although this is not expected in the study area. Archaeological investigation of such features will be considered, irrespective of the associated stone artefact deposit, as they could reflect domiciliary areas. Locations with such features appear to be related to long-term subsistence strategies used by Aboriginal people and may provide new information relating to Aboriginal economy, demography, and society.

The Frame for Sampling

With reference to the units of sampling, Orton states that:

... survey does not have to be based on grid squares or transects: other shapes (even ones without straight lines) are statistically permitted...⁶

Heritage NSW's requirements for sampling are fairly basic—the sampling framework for the test excavation has been based upon grids (where TUs will be excavated in transects, with appropriate spacing [intervals] between TUs). This testing program will use 10m intervals due to the size of the study area. The testing program is therefore effective for Aboriginal archaeology. All transects are located within the Lambert soil landscape, avoiding all known limitations. These are positioned to sample areas that have been identified as potentially associated with Aboriginal traditions and activity.

Selection of the Sample

Orton notes that the appropriate sample size is very important to survey and testing. If miscalculated, there is the risk of the sample being too small and thus inadequate to support the results. Alternatively, the sample could be too large, whereby adequate results could have been obtained from a smaller sample and therefore those resources could have been better used elsewhere. Obviously, a sample that is too small is more problematic for the assessment than a sample that is too large.

The study area is 4ha, with a proposed 12 TUs being used to assess Aboriginal archaeology (Figure 4.1). We propose that RAPs should advise where some additional TU should be placed, within or external to the area of archaeological sensitivity. Around 5-10 additional TU could be excavated, if required. This sample extent should provide an adequate sample to support consequent analysis under the ACHAR.

The Pre-Test or Pilot Survey

Orton notes that the best field research designs can be made when the activity is over and that a pilot can serve to remove some of the 'bugs' from the sampling process.⁷ The current test excavation design has been based upon detailed background research and will be updated with any new information arising from the proposed field survey, with GPS-based identification of areas that are suitable for subsurface sampling.

During the test excavation, Aboriginal representatives and field archaeologists will be able to respond to the initial results of excavation and determine whether further transects and/or TUs should be sampled.

Organisation

The test excavation team will include an archaeological excavation director, two field archaeologists and three Aboriginal representatives (from the RAPs). Excavation teams of two people will hand-excavate sequential TUs along sample transects. All deposits will be individually dry sieved through a 5mm (possible 3mm) sieve and any archaeological material retained with respect to its TU and spit. Following recording by the archaeologists, each TU will be backfilled by SI NSW. All information relating to each TU will be recorded on a context sheet.

Running totals of artefacts and features will be kept in order to keep track of yields on a sample transect so that a logical progression to expanding a sample transect can be made if required.

Summary and Analysis

Following test excavation, all recovered Aboriginal stone objects (artefacts) will be subject to analysis by one of GML's stone artefact specialists. Depending on the quantity of material recovered and work flow, we may undertake this analysis in the field at the end of the excavation.

Recording of all relevant attributes will be undertaken in a comparable manner to other studies from the region in accordance with Requirement 19 of the Code of Practice and widely used Australian stone object analysis techniques.⁸ A technical report will be prepared that addresses the research questions presented above.

Following test excavation, a discussion will be held with the Aboriginal community to assess the excavation results and determine the mechanism for ongoing management of any recovered artefacts.

Should human skeletal material be identified during the test excavation, work will cease in the immediate area and Heritage NSW and the New South Wales Police Department will be notified.

If recovered, carbon samples associated with any cultural features would be submitted for carbon dating.

Landscape analysis and all other reporting will be undertaken by GML, assisted by the field archaeologists present during the test excavation. All results will be analysed with the assistance of GIS, and consequential mapping of sites, places, landscapes and heritage values will be GIS based.

In accordance with Heritage NSW requirements, this report will be provided to the RAPs for review and comment (with a minimum period of 28 days to comment). Following Aboriginal review, the report will be forwarded to Heritage NSW prior to investigation works commencing.

Information Gained for Future Study

The information derived from test excavation will be used to expand the heritage values assessment of the study area. The report will provide direction for conservation of Aboriginal heritage and an impact analysis for all known objects, sites, places and values within the study area. The report will detail any sites and places that require further study and excavation (if they cannot be conserved during the development process).

The report will also compare and contrast the study area within the wider region and provide direction for future studies and predictive models.

4.4 Significance Assessment

Management of Aboriginal cultural heritage within the study area is largely based on an assessment of its significance.⁹ Generally, an assessment of the significance of Aboriginal cultural heritage considers two factors—archaeological (or scientific) values and the cultural values identified by the RAPs.

Consideration of these two values will allow the significance of cultural heritage within the study area to be assessed. An assessment of the cultural significance of any objects or places identified within the study area will be sought from the RAPs prior to the finalisation of the ACHAR. Should any restrictions apply to the cultural knowledge supplied (for example, male-only information), these will be strictly adhered to by SINSW.

The archaeological significance of any Aboriginal objects or places identified within the study area will be assessed in accordance with *The Burra Charter: the Australia ICOMOS Charter for Places of Cultural Significance* (the Burra Charter).¹⁰ Any archaeological potential will be mapped and zoned as high, moderate or low, based on consideration of the predictive model for the study area and the assessed archaeological significance criteria/on.

4.5 Impact Assessment and Management Strategies

The potential of the development to impact identified Aboriginal cultural values within the study area will be assessed. Statements of impact will be provided and recorded in the ACHAR.

Based on the proposed impact and the assessed significance (both cultural and archaeological) of the site, management strategies will be produced in consultation with the RAPs. Input from the RAPs will be considered and documented in the final ACHAR and an explanation of how suggestions were considered and/or implemented in the final management recommendations for the site will be provided.

4.6 Reporting

A report detailing the results of the archaeological assessment will be produced in accordance with the Consultation Requirements, *Heritage NSW's Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW*¹¹ and the Code of Practice.¹² The draft of this report will be provided to the RAPs for their review and comment prior to the finalisation of this report. The ATR will expand this initial document to include the outcomes of the survey, test excavation, significance assessment and impact assessment.

4.7 Community Input

This methodology has been provided to all RAPs for their review and comment. Any input from the RAPs will be considered in the final methodology for the project.

GML is currently planning the archaeological survey component of this project. We will soon contact all RAPs to discuss their involvement in this work. The archaeological survey will occur following the 28-day review period for this methodology.

In accordance with Heritage NSW guidelines, please provide written and/or oral comments by 1 November 2021. Please advise when commenting if you wish to be involved in the physical

archaeological site inspection and test excavation phases of this project. All participants will be required to have a good level of physical fitness.

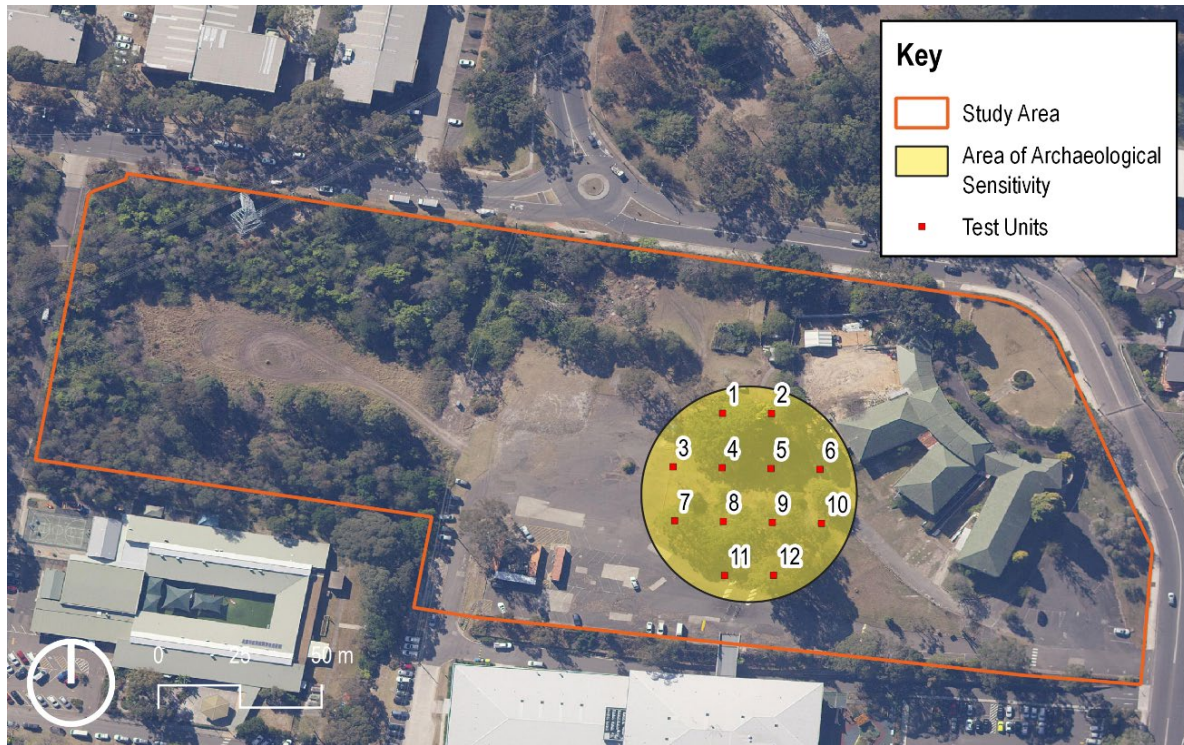


Figure 4.1 Proposed Aboriginal archaeological test unit locations. (Source: SIXMaps with GML additions 2021)

4.8 Endnotes

- 1 Department of Environment Climate Change and Water NSW, Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales, 2010, pp 12-19.
- 2 Department of Environment Climate Change and Water NSW, Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales, 2010, pp 24-25.
- 3 Department of Environment Climate Change and Water NSW, Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales, 2010, p 24.
- 4 Department of Environment Climate Change and Water NSW, Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales, 2010, pp 26-27.
- 5 Orton, C 2000, *Sampling in Archaeology*. Cambridge Manuals in Archaeology. Cambridge University Press. Cambridge.
- 6 Orton, C 2000, *Sampling in Archaeology*, Cambridge Manuals in Archaeology, Cambridge University Press, Cambridge, p 29.
- 7 Orton, C 2000, *Sampling in Archaeology*, Cambridge Manuals in Archaeology, Cambridge University Press, Cambridge, p 29.
- 8 Holdaway, S and Stern, N 2004, *A Record in Stone: The Study of Australia's Flaked Stone Artefacts*, Museum of Victoria and Aboriginal Studies Press, Melbourne.
- 9 Department of Environment, Climate Change and Water 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*.

- ¹⁰ Marquis-Kyle, P and Walker, M 2004, The Illustrated Burra Charter, third revision, Australia ICOMOS.
- ¹¹ Office of Environment and Heritage, Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW, Sydney, Office of Environment and Heritage, April 2011.
- ¹² Department of Environment Climate Change and Water NSW, Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales, 2010.

Appendices

Appendices

Appendix A

New South Wales Legislation

Appendix B

AHIMS Search Results

Appendix C

Due Diligence 2020

Appendix A—New South Wales Legislation

National Parks and Wildlife Act 1974

Section 90 of the NPW Act provides statutory protection for all Aboriginal 'objects' consisting of any material evidence of the Indigenous occupation of New South Wales. It also enables (under Section 84) the declaration of 'Aboriginal places' which are areas of cultural significance to the Aboriginal community.

Aboriginal objects and places are given automatic statutory protection in New South Wales and it is an offence to harm an Aboriginal object or declared Aboriginal place without the Ministers consent.

The NPW Act defines an Aboriginal object as:

... any deposit, object or material evidence (not being a handicraft made for sale) relating to the Aboriginal habitation of the area that comprises New South Wales, being habitation before or concurrent with (or both) the occupation of that area by persons of non-Aboriginal extraction, and includes Aboriginal remains.

Protection of Aboriginal objects and places applies irrespective of the level of their significance or issues of land tenure. Sites of traditional significance that do not necessarily contain material remains may be gazetted as Aboriginal places and thereby be protected under the NPW Act. Areas are only gazetted if the Minister is satisfied that enough evidence exists to demonstrate that the location was and/or is of special significance to Aboriginal culture.

A strict liability offence applies for harm to an Aboriginal object or declared Aboriginal places. This means that even if an Aboriginal object is unwittingly harmed, a crime has been committed and prosecution can still occur. The definition of 'harm' under the NPW Act includes destroying, defacing, damaging or moving an Aboriginal object or declared Aboriginal place. The strict liability offence of harming Aboriginal objects has a number of defences. The two defences relevant to the proposed development are the statutory defence of due diligence (through complying with an adopted industry code) or compliance with the conditions of an Aboriginal Heritage Impact Permit (AHIP).

Environmental Planning and Assessment Act 1979

The EP&A Act provides a statutory framework for the determination of development proposals. It provides for the identification, protection and management of heritage items through inclusion in schedules to planning instruments such as Local Environmental Plans (LEPs) or Regional Environmental Plans (REPs). Heritage items in planning instruments can include Aboriginal objects and places, historical sites, landscapes and parks. The EP&A Act requires that appropriate measures be taken for the management of the potential archaeological resource consistent with the requirements of the NPW Act.

The study area is located within the Northern Beaches Local Government Area (LGA), and is subject to the Warringah Local Environmental Plan (LEP) 2011. The heritage conservation objectives of the Warringah Local Environmental Plan (LEP) 2011:

- a) to conserve the environmental heritage of Warringah,
- b) to conserve the heritage significance of heritage items and heritage conservation areas, including associated fabric, settings and views,

- c) to conserve archaeological sites,
- d) to conserve Aboriginal objects and Aboriginal places of heritage significance.

Appendix B—AHIMS Search Results



SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-2589	Brentwood Place;Frenchs Forest;	AGD	56	336929	6264622	Closed site	Valid	Art (Pigment or Engraved) : -, Artefact : -	Shelter with Art,Shelter with Deposit	
	Contact	Recorders	Michael Guider					Permits		
45-6-2360	Flat Rock Track 1	AGD	56	334210	6261160	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	2442
	Contact	Recorders	Val Attenbrow,A Acret,F Tighe					Permits		
45-6-2361	Flat Rock Track 3	AGD	56	334180	6261120	Open site	Valid	Shell : -, Artefact : -	Midden	2442
	Contact	Recorders	Val Attenbrow,A Acret,F Tighe					Permits		
45-6-2371	Perfect shell shelter;	GDA	56	334200	6260945	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	2047
	Contact	Recorders	Val Attenbrow					Permits		
45-6-2376	SSM 22563;	GDA	56	334390	6260930	Open site	Valid	Shell : -, Artefact : -	Midden	2047
	Contact	Recorders	Val Attenbrow					Permits	844	
45-6-2274	Frenchs Forest - (refer to 45-6-1273)	AGD	56	337195	6264955	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Mr.Phil Hunt,Melanie Kennedy					Permits		
45-6-1089	Frenchs Forest;Dee Why;	AGD	56	339117	6264497	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1891
	Contact	Recorders	Mr.R Taplin					Permits		
45-6-2044	Bantry bay 3;	AGD	56	336210	6260650	Open site	Valid	Artefact : -	Open Camp Site	1809
	Contact	Recorders	Michael Guider					Permits		
45-6-2045	Bantry bay 4;	AGD	56	336210	6260690	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	Contact	Recorders	Michael Guider					Permits		
45-6-2046	Bantry bay 5;	AGD	56	336210	6260780	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809,102473
	Contact	Recorders	Michael Guider					Permits		
45-6-0689	Frenchs Forest;Allambie Road;	AGD	56	338536	6261528	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		
45-6-0695	Beacon Hill;Frenchs Forest;	AGD	56	338924	6263338	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Unknown Author					Permits		
45-6-0699	Frenchs Forest;Flat Rocks;	AGD	56	338850	6261534	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Lisa Campbell					Permits		
45-6-0700	Beacon Hill;Frenchs Forest;	AGD	56	339327	6263177	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders						Permits		
45-6-0702	Frenchs Forest;	AGD	56	339173	6264053	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders						Permits		
45-6-2047	Bantry bay 6;	AGD	56	336210	6260820	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact	Recorders						Permits		
45-6-2048	Bantry bay 7;	AGD	56	336250	6260990	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,102473
	Contact	Recorders						Permits		
45-6-2049	Bantry bay 1;	AGD	56	336490	6260580	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,102473
	Contact	Recorders						Permits		
45-6-2050	Bantry bay 8;	AGD	56	336190	6261020	Closed site	Valid	Art (Pigment or Engraved) : -, Shell : -, Artefact : -	Shelter with Art,Shelter with Midden	1809
	Contact	Recorders						Permits		
45-6-2051	Bantry bay 9;	AGD	56	336130	6261170	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,102473
	Contact	Recorders						Permits		
45-6-2052	Bantry bay 10;	AGD	56	336090	6261270	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809,102473
	Contact	Recorders						Permits		
45-6-2053	Bantry bay 11;	AGD	56	336090	6261290	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	Contact	Recorders						Permits		
45-6-2067	Foot Cave;	GDA	56	335840	6262810	Closed site	Valid	Art (Pigment or Engraved) : -, Shell : -, Artefact : -	Shelter with Art,Shelter with Midden	1809,102473
	Contact	Recorders						Permits		
45-6-2073	Echidna cave;	GDA	56	335993	6262331	Closed site	Valid	Artefact : -, Art (Pigment or Engraved) : -	Rock Engraving,Shelter with Deposit	1809,102473
	Contact	Recorders						Permits		
45-6-1255	Allambie Heights;	AGD	56	338287	6261912	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders						Permits		
45-6-1275	Belrose;	AGD	56	337270	6264946	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders						Permits		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-1129	Lindfield;Midden Joined Cave;	GDA	56	334400	6260900	Closed site	Valid	Shell : -, Artefact : -	Midden,Shelter with Midden	
	Contact	Recorders	ASRSYS					Permits		
45-6-1130	Lindfield;	GDA	56	334449	6260815	Open site	Valid	Shell : -, Artefact : -	Midden	
	Contact	Recorders	ASRSYS					Permits		
45-6-1373	French Trig;	GDA	56	335500	6264710	Open site	Not a Site	Artefact : -	Not an Aboriginal Site	
	Contact	Recorders	Mr.Phil Hunt,M Young					Permits		
45-6-0634	French's Forest;Bantry Bay;	AGD	56	334607	6261622	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Unknown Author					Permits		
45-6-0637	Bantry Bay;French's Forest	GDA	56	335301	6261930	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	102473
	Contact	Recorders	Unknown Author					Permits		
45-6-0638	Frenchs Forest;Bantry Bay;	AGD	56	335071	6262011	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Unknown Author					Permits		
45-6-0655	Frenchs Forest;Bantry Bay Road;	GDA	56	336415	6262272	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	2183,2184,102473
	Contact	Recorders	Alexandra Kelly					Permits	347	
45-6-2093	Anadara cluster	GDA	56	334200	6260948	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact	Recorders	Val Attenbrow,K Cutmore					Permits		
45-6-2402	Maillolo Engraving;	AGD	56	338209	6263722	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Janice Cawthorn					Permits		
45-6-2165	Lens in bank;	GDA	56	334326	6260947	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact	Recorders	Val Attenbrow,K Cutmore					Permits		
45-6-2166	Leaning casuarina	GDA	56	334350	6260950	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact	Recorders	Val Attenbrow,K Cutmore					Permits		
45-6-2177	Malinya Rd;	AGD	56	339052	6261610	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Michael Guider					Permits		
45-6-2182	Bluff Track;	GDA	56	335906	6262366	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	102473
	Contact	Recorders	Michael Guider					Permits		
45-6-2205	Magazine Track 1;	AGD	56	335970	6260650	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	102473

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Michael Guider					Permits		
45-6-2043	Bantry bay 2;	AGD	56	336430	6260710	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	Contact	Recorders	Michael Guider					Permits		
45-6-0745	Beacon Hill;	AGD	56	338216	6263740	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	2212
	Contact	Recorders	R.H Mathews					Permits		
45-6-0752	Beacon Hill;	AGD	56	338105	6263805	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		
45-6-0753	Beacon Hill;	AGD	56	338077	6263821	Open site	Valid	Art (Pigment or Engraved) : -, Grinding Groove : -, Water Hole : -	Axe Grinding Groove,Rock Engraving,Water Hole/Well	2212
	Contact	Recorders	ASRSYS					Permits		
45-6-0114	Dee Why;Manly Cove;	AGD	56	339360	6264365	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	R.H Mathews					Permits		
45-6-0115	Dee Why;Parr Parade;	AGD	56	339374	6264362	Open site	Valid	Art (Pigment or Engraved) : -, Grinding Groove : -	Axe Grinding Groove,Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0116	Dee Why;Narraweena (Manly Cove);	AGD	56	339154	6264446	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0053	Dee Why.	AGD	56	338807	6264602	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Lisa Campbell,Mr.Paul Irish					Permits		
45-6-0934	Belrose; Warr-223B	AGD	56	338249	6264513	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1989,4422
	Contact	Recorders	ASRSYS					Permits	175	
45-6-0963	Frenchs Forest;	AGD	56	336920	6261140	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	254,102473
	Contact	Recorders	Mary Dallas Consulting Archaeologists (MDCA),Mr.R Taplin					Permits		
45-6-0130	Campbell;Belrose;Wheeler Creek;	AGD	56	339429	6264392	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		
45-6-0662	Frenchs Forest;Bantry Bay;Wakehurst Parkway;	AGD	56	336498	6261705	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	102473
	Contact	Recorders	Unknown Author					Permits		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-0667	Frenchs Forest;Curl Curl Creek;	AGD	56	336923	6262388	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	2988
	Contact									
	Recorders			Unknown Author				Permits		
45-6-0668	Allambie Heights Warringah Rd Allambie Rd	GDA	56	337740	6263515	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1043,102261
	Contact									
	Recorders			Mr.Phil Hunt,Mr.Bob Conroy				Permits	57,727	
45-6-0669	Seaforth;Wakehurst Golf Club	GDA	56	337470	6261425	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	254
	Contact									
	Recorders			Mr.Phil Hunt				Permits		
45-6-0670	Seaforth;Wakehurst Golf Club;	AGD	56	337394	6260981	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	254
	Contact									
	Recorders			D Beasley				Permits		
45-6-0671	Seaforth;Wakehurst Golf Club;	AGD	56	337444	6260962	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	254
	Contact									
	Recorders			D Beasley				Permits		
45-6-0672	Seaforth;Wakehurst Golf Club;	AGD	56	337462	6261082	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	254
	Contact									
	Recorders			D Beasley				Permits		
45-6-0881	Allambie Heights;	AGD	56	338315	6262166	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders			Charles.D Power				Permits		
45-6-0884	Middle Harbour Creek;East Lindfield;Switching Station Shelter;dredged shell;	AGD	56	336895	6261078	Open site	Valid	Shell : -, Artefact : -	Midden	2047
	Contact									
	Recorders			Val Attenbrow				Permits		
45-6-0899	Balgowlah;Bantry;	AGD	56	336853	6261025	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	102473
	Contact									
	Recorders			D Beasley				Permits		
45-6-0904	Allambie Heights;	AGD	56	338268	6262167	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders			ASRSYS				Permits		
45-6-0905	Sunnyfield Home;Allambie Heights;	AGD	56	337349	6263012	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders			ASRSYS				Permits		
45-6-0824	Frenchs Forest;	AGD	56	338106	6263804	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders			Mr.John Clegg				Permits		
45-6-0010	French's Forest 1;	GDA	56	335948	6262438	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	667
	Contact									
	Recorders			Ms.Janice Cawthorn,Mr.R Taplin				Permits		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-0011	French's Forest;Kangaroo Site	GDA	56	335806	6262583	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	667,1970,102473
	Contact	Recorders	Michael Guider,Mr.Phil Hunt					Permits		
45-6-0012	French's Forest;	GDA	56	335825	6262306	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	102473
	Contact	Recorders	Jim Specht					Permits		
45-6-0013	French's Forest;Bates Creek;	AGD	56	335921	6261397	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	102473
	Contact	Recorders	Jim Specht					Permits		
45-6-0014	French's Forest;Main Creek West;	AGD	56	335921	6261397	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	667
	Contact	Recorders	Jim Specht					Permits		
45-6-0015	French's Forest;Main Creek;	AGD	56	335921	6261397	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	667
	Contact	Recorders	Jim Specht					Permits		
45-6-0016	French's Forest;Bates Creek South;Bates Creek;	AGD	56	335921	6261397	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	667
	Contact	Recorders	Jim Specht					Permits		
45-6-0017	French's Forest;Seaforth;	AGD	56	336295	6260947	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	667
	Contact	Recorders	Jim Specht					Permits		
45-6-1002	Balgowlah;	AGD	56	336873	6261392	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	ASRSYS					Permits		
45-6-1003	Frenchs Forest;	AGD	56	336186	6261860	Closed site	Valid	Artefact : -	Shelter with Deposit	102473
	Contact	Recorders	Unkya					Permits		
45-6-1004	Frenchs Forest;	AGD	56	336473	6263801	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	Unknown Author					Permits		
45-6-1012	Belrose;Superlatives Cave;	AGD	56	336940	6264625	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	Mr.R Taplin					Permits		
45-6-1013	Belrose;High Midpart Cave;	AGD	56	336856	6264590	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	ASRSYS					Permits		
45-6-1014	Belrose;Red Glow Cave;	AGD	56	337972	6264695	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	ASRSYS					Permits		

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45-6-1573	Alkira Circuit;Narraweena;	AGD	56	339431	6264300	Closed site	Valid	Shell : -, Artefact : -, Art (Pigment or Engraved) : -	Rock Engraving,Shelter with Midden	
	Contact									
	Recorders			ASRSYS						Permits
45-6-2633	wgc-2	AGD	56	337330	6260910	Closed site	Valid	Art (Pigment or Engraved) : -, Artefact : -		
	Contact			Mr.Phil Hunt						Permits
45-6-2733	Will-112 - Eastern Step Midden	GDA	56	334463	6260758	Open site	Valid	Shell : 1		
	Contact			Mr.Phil Hunt						Permits
45-6-2790	Brooker Avenue Engraving Site 1	AGD	56	338034	6264770	Closed site	Valid	Art (Pigment or Engraved) : 2		
	Contact			Mr.Phil Hunt,Mr.Paul Irish						Permits
45-6-2798	Emu and Man, Frenchs Forest	GDA	56	335601	6262052	Open site	Valid	Art (Pigment or Engraved) : 4		102473
	Contact			Charles.D Power						Permits
45-6-2803	Flat Rock Track 2	AGD	56	334200	6261140	Closed site	Valid	Shell : -		
	Contact			Val Attenbrow						Permits
45-6-1697	Bantry Bluff Midden;	AGD	56	336230	6260650	Open site	Valid	Shell : -, Artefact : -	Midden	1293
	Contact			A.K Morris						Permits
45-6-2054	Bantry bay 12;	AGD	56	336090	6261390	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact			Michael Guider						Permits
45-6-2929	Twin Roos	GDA	56	335850	6261820	Open site	Valid	Art (Pigment or Engraved) : -		102473
	Contact			Michael Guider						Permits
45-6-2940	Rock engraving (Garigal National Park)	GDA	56	336620	6261787	Open site	Valid	Art (Pigment or Engraved) : -		102473
	Contact			Michael Guider						Permits
45-6-2380	Red Hill 2 [further info. see report 101514]	AGD	56	338837	6264438	Closed site	Valid	Art (Pigment or Engraved) : -, Artefact : -	Shelter with Art,Shelter with Deposit	
	Contact			Michael Guider						Permits
45-6-0019	Dee Why	AGD	56	338860	6264244	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact			Charles.D Power,Mr.Paul Irish						Permits
45-6-0692	Beacon Hill Frenchs Forest	AGD	56	338856	6264237	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	93
	Contact			Unknown Author,Mr.Paul Irish						Permits

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45-6-2975	CS1 (Brookvale)	GDA	56	339537	6263325	Open site	Valid	Artefact : 1			
	Contact	Recorders	Biosis Pty Ltd - Sydney,Ms.Samantha Higgs								Permits
45-6-3080	WGC 1 WARR214	GDA	56	337975	6261610	Open site	Valid	Art (Pigment or Engraved) : 1, Grinding Groove : 1, Potential Archaeological Deposit (PAD) : 1			
	Contact	Recorders	Aboriginal Heritage Office								Permits
45-6-3147	Mermaid Pool (South)	GDA	56	338790	6260855	Closed site	Valid	Art (Pigment or Engraved) : -, Water Hole : -			
	Contact	Recorders	Sydney Water-Parramatta,Ms.Yvonne Kaiser								Permits
45-6-3139	Monserra Engraving WARR350	GDA	56	338250	6261800	Open site	Valid	Art (Pigment or Engraved) : -			
	Contact	Recorders	Mr.Phil Hunt								Permits
45-6-3148	Manly Dam 1	GDA	56	338518	6260973	Open site	Valid	Artefact : -			
	Contact	Recorders	Sydney Water-Parramatta,Ms.Yvonne Kaiser								Permits
45-6-3149	Mermaid Pool (North)	GDA	56	338831	6260908	Closed site	Valid	Water Hole : -, Art (Pigment or Engraved) : -, Potential Archaeological Deposit (PAD) : -			
	Contact	Recorders	Sydney Water-Parramatta,Ms.Yvonne Kaiser								Permits
45-6-3164	Trefoil Creek 1	GDA	56	336531	6264357	Open site	Valid	Art (Pigment or Engraved) : -			
	Contact	Recorders	Mr.Mark Rawson								Permits
45-6-3192	30 Lyly Rd Rockshelter	GDA	56	338924	6262018	Open site	Valid	Potential Archaeological Deposit (PAD) : -			
	Contact	Recorders	Mr.Ashley O'Sullivan								Permits
45-6-3579	Oxford Falls RS-1	GDA	56	339280	6265151	Open site	Valid	Habitation Structure : 1, Potential Archaeological Deposit (PAD) : 1			
	Contact	Recorders	Eco Logical Australia Pty Ltd - Sydney - Individual users,Mr.Tyler Beebe								Permits

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Appendix C—Due Diligence 2020



GML
HERITAGE

187 Allambie Road, Forest High School

Due Diligence

Report prepared for the Department of Education: School Infrastructure

December 2020

Acknowledgement of Country

At GML we acknowledge that we work and live on the land of the First Australians. We know that this land was never ceded, and we respect the rights and interests of Australia's first people in land, culture, and heritage. We acknowledge their Elders past and present and support the concepts of voice, treaty, and truth in the Uluru Statement from the Heart.

Report Register

The following report register documents the development and issue of the report entitled 187 Allambie Road—Forest High School, Due Diligence, undertaken by GML Heritage Pty Ltd in accordance with its quality management system.

Job Number	Issue Number	Notes/Description	Issue Date
20-0444	1	First Draft	22 December 2020

Quality Assurance

GML Heritage Pty Ltd operates under a quality management system which has been certified as complying with the Australian/New Zealand Standard for quality management systems AS/NZS ISO 9001:2016.

The report has been reviewed and approved for issue in accordance with the GML quality assurance policy and procedures.

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Contents

1	Introduction	1
1.1	Study Area	1
1.2	Proposed Works	2
1.3	Authors	2
2	Environmental and Archaeological Context	4
2.1	Aboriginal Heritage Information Management System	4
2.2	Relevant Local Literature	6
2.3	Landscape Context	7
2.3.1	<i>Geology and Soil Landscapes</i>	7
2.3.2	<i>Landforms and Hydrology</i>	7
2.4	Modern Land Use and Disturbance	9
2.5	Endnotes	13
3	Predictive Modelling	14
3.1	Endnotes	14
4	Study Area Inspection	15
5	Aboriginal Heritage Considerations	18
5.1	Proposed Works	18
5.2	Masterplan Considerations	18
6	Conclusion and Recommendations	19
6.1	The Due Diligence Process	19
6.2	The Findings of the Due Diligence Process	19
6.3	Aboriginal Heritage Recommendations	19
6.4	Endnotes	20

1 Introduction

School Infrastructure NSW (SI NSW) has engaged GML Heritage Pty Ltd (GML) to prepare an Aboriginal Due Diligence for The Forest High School (study area). This assessment is for the proposed construction of a new high school at 187 Allambie Road, Allambie Heights, that will replace the existing high school. The study area is located on Kuring-gai Nation and falls within the Metropolitan Local Aboriginal Land Council (Metropolitan LALC).

Aboriginal heritage may be associated with a combination of tangible and intangible aspects. The purpose of a due diligence report is to identify whether the study area possesses or has the potential to possess Aboriginal heritage sites, places, objects and/or values, in accordance with Heritage NSW guidelines for Aboriginal due diligence. The outcome will be advice on whether further Aboriginal heritage assessment is required, or a proposed action can commence subject to caution.

In NSW, Aboriginal heritage is principally protected under two Acts (Appendix A):

- the *National Parks and Wildlife Act 1974* (NPW Act); and
- the *Environmental Planning and Assessment Act 1979* (EPA Act).

The *Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW* 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 the activities they propose are likely to harm Aboriginal objects (if present).
3. Determine whether an Aboriginal Heritage Impact Permit (AHIP) application is required.

The five steps prescribed for the due diligence process (with minor GML editorial amendments) are:

Step 1. Identify whether the activity will disturb the ground surface or any culturally modified trees.

Step 2. Search the AHIMS database and use any other sources of information of which you are already aware. Are there any:

- a) relevant confirmed site records or other associated landscape feature information on AHIMS?
and/or
- b) any other sources of information of which a person is already aware? and/or
- c) landscape features that are likely to indicate presence of Aboriginal objects?

Step 3. Identify whether you can avoid harm to the object or disturbance of the landscape feature.

Step 4. Undertake a desktop assessment and visual inspection to confirm if there are, or are likely to be, Aboriginal objects.

Step 5. Carry out further investigations and impact assessment.

1.1 Study Area

The study area is located approximately 20km north of the Sydney CBD (Figures 1.1 and 1.2). It consists of:

- Lot 12, DP1112906;

- Lot 13, DP1112906; and
- part of Lot 11, DP1194177.

1.2 Proposed Works

The masterplan for the study area is currently being developed. The proposed scope of works is as follows:

- a high school to accommodate 1,500 students; and
- a synthetic grass sports field.

1.3 Authors

This report has been prepared by Talei Holm, Graduate Heritage Consultant, with review and strategic input by Dr Tim Owen, Principal. Consultation with the local Aboriginal community was undertaken through Kevin Telford of the Metropolitan LALC.

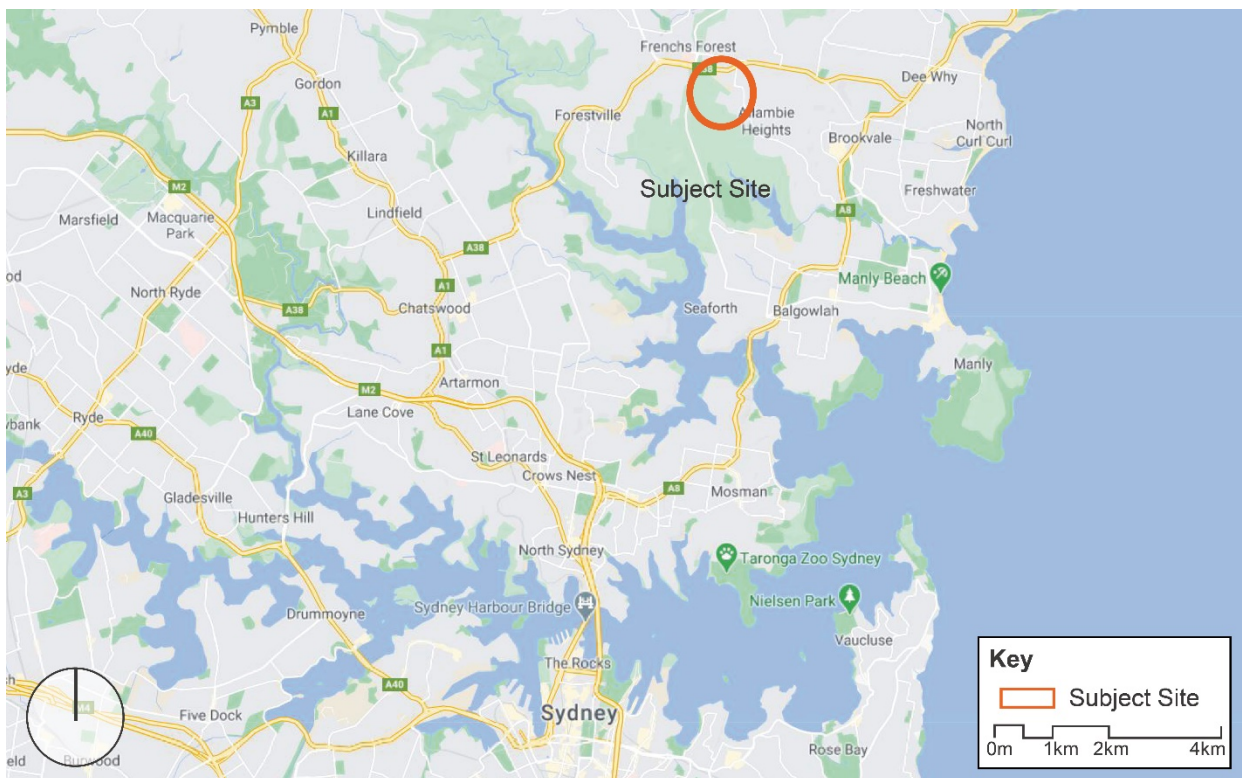


Figure 1.1 Location of the study area. (Source: Google Maps with GML overlay, 2020)



Figure 1.2 The location of the study area. (Source: Nearmap, 2020, with GML additions, 2020)

2 Environmental and Archaeological Context

2.1 Aboriginal Heritage Information Management System

A search of the Heritage NSW Aboriginal Heritage Information Management System (AHIMS) database was undertaken on 2 December 2020 (reference number 554146) (Appendix B). The search covered a zone from latitude, longitude -33.7807, 151.2091 to -33.7408, 151.2723. The results of the search are shown in Table 2.1, Figure 2.1 and Figure 2.2. A total of 100 Aboriginal sites/places have been recorded within the search area. One of these sites has been determined not to be an Aboriginal site since its original recording and has been discounted from this report.

Table 2.1 Results of AHIMS Search.

Site Feature	Frequency
Art	8
Art and artefacts	2
Art and water hole	1
Art, grinding groove and PAD	1
Art, water hole and PAD	1
Artefact	4
Grinding groove, rock engraving and water hole	2
Habitation structure and PAD	1
Midden	14
PAD	1
Rock engraving	41
Rock engraving and midden	1
Shelter with art	6
Shelter with art and midden	2
Shelter with midden	14
Total	99

There are no previously recorded Aboriginal sites located within the study area. However, there are several sites within proximity which allows a better understanding of the context of the surrounding region. Of note are the high number of rock engravings (42% of the local archaeological record). The location and position of these provides an indication of prior Aboriginal cultural landscape connection and use (Figures 2.1 and 2.2).

The closest engraving to the study area is site 45-6-0905 (Figure 2.2). Located 100m south of the study area, site 45-6-0905 is a rock engraving depicting a singular kangaroo/wallaby in a leaping pose. It faces northwest and has been engraved into a flat piece of exposed bedrock and has a faint but smooth outline. This site was visited during the course of the current inspection (details are included in Section 4). Site 45-6-0668 has two recorded motifs and another noted anecdotally. A cluster of engraving sites are positioned to the northeast of the study area. Sites 45-6-0752 (which appears to be the same site as 45-6-0753), 45-6-2402, and 45-6-0745 have between nine and 20 recorded motifs. Given the frequency of rock engravings in the surrounding area and the pattern of engravings appearing in clusters with multiple figures, the study area holds potential for engravings on suitable panels of sandstone bedrock.

The regional AHIMS record also identifies some other Aboriginal site types and features in a similar landform context to the study area, including stone artefacts and areas with potential archaeological deposits (PAD). Other site types, such as middens and rock shelters, are associated with the steep sandstone valleys abutting Middle Harbour, and would not be expected on the elevated landforms of the study area.

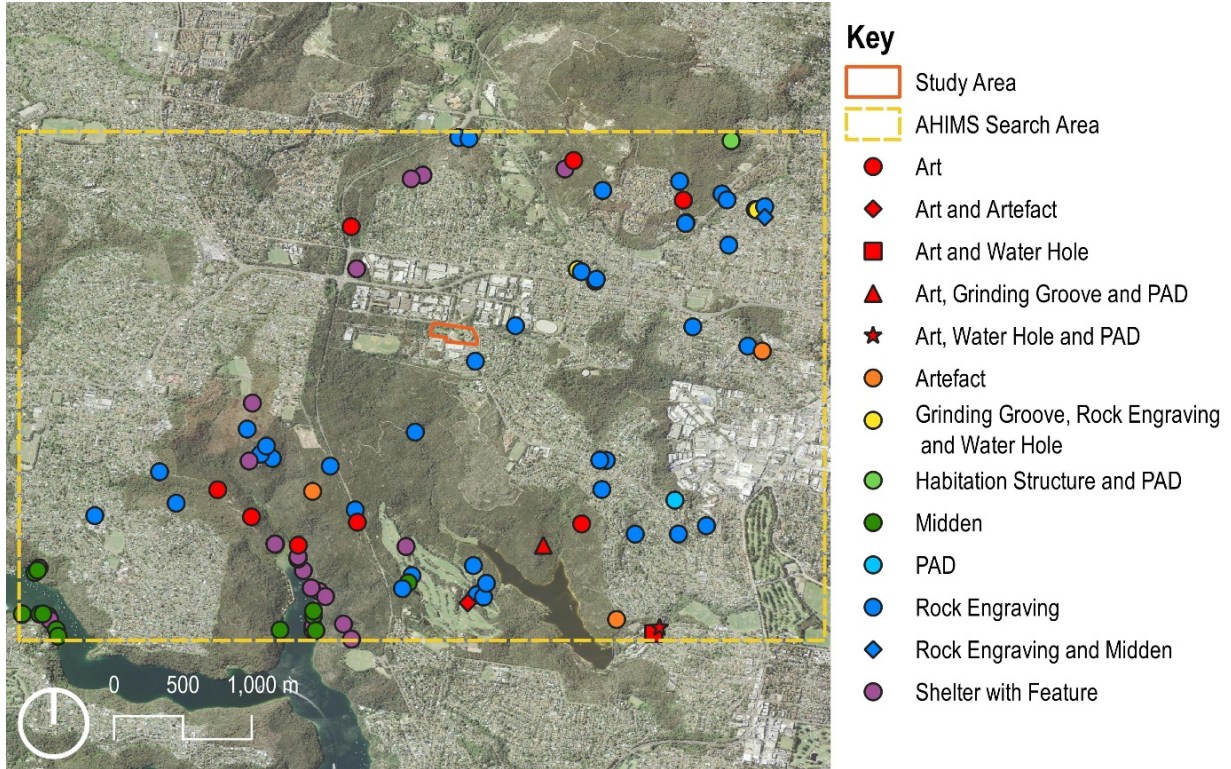


Figure 2.1 AHIMS search results. (Source: NSW Land Registry Services with GML additions, 2020)



Figure 2.2 Detailed AHIMS search results. (Source: NSW Land Registry Services with GML additions, 2020)

2.2 Relevant Local Literature

There have been very few archaeological reports prepared for this area, with the majority focusing on rock engravings. One book has been written regarding the social archaeology of the Northern Beaches area.

Northern Beaches—*The Tale of a Whale: Significant Aboriginal Landscapes of the Northern Beaches*—Emma Lee, 2002

This book was written by Tasmanian Aboriginal archaeologist Emma Lee in association with the Metropolitan LALC. The book tells the story of the Aboriginal people of the Northern Beaches of Sydney. Lee details the history and culture of the Aboriginal people of the Northern Beaches and completes an in-depth analysis of ‘heritage places’, associations and their significance. In addition to discussing the culture, Lee also describes the landscape and lifestyle of the saltwater people who were living on North Head and surrounding lagoons and creeks. The publication outlines connections between places, landscapes and Aboriginal heritage, notably around North Head.

28 Rodborough Road, Frenchs Forest—*Due Diligence*—Oliver Brown Consulting Archaeology, 2011

This report was prepared for Platino Properties following requirements from the Warringah Council. Engraving site 45-56-0668 was initially recorded in 1977, and Council held a concern that construction of the Warringah Park Business Centre had harmed the engraving. This report located and rerecorded the site. There were no further sites recorded and a previously noted single flaked quartz object could not be relocated. The location of 45-56-0668 is 500m northeast of the study area and in a similar soil and landform context to the study area.

2.3 Landscape Context

The purpose of this section is to provide environmental contextual information for use in developing a predictive model of Aboriginal site locations in or near to the study area. Interactions between people and their surroundings are of integral importance in both the initial formation and the subsequent preservation of the archaeological record. The nature and availability of resources, including water, flora and fauna, and suitable raw materials for the manufacture of stone tools and other items had—and continues to have—a significant influence over the way in which people use the landscape.

Alterations to the natural environment also impact upon the preservation and integrity of cultural materials that may have been deposited, whilst current vegetation and erosional regimes affect the visibility and detectability of Aboriginal sites and objects. For these reasons, we consider the environmental context in detail.

2.3.1 Geology and Soil Landscapes

The study area is located on the Hornsby Plateau. The geology of the study area is Hawkesbury Sandstone. Regional soil landscape mapping indicates that most of the study area is on disturbed land, yet aerial photography and the known history of the area indicates that the pattern of soil disturbance may not be total (Figure 2.3).

Two soil landscapes could intersect across the study area: Lucas Heights across the northern half, and Lambert across the southern (Figure 2.3). Both the A₁ and A₂ horizons of these two residual soil landscapes can retain Aboriginal archaeological deposits. The formation process for each soil horizon (the breakdown of bedrock) suggests it is unlikely that either could hold stratified (time-based) formations.

Lambert¹

The Lambert soil landscape (la) is a typically shallow residual soil on undulating to rolling hills. Topsoil (A₁ horizon) is typically a loose, stony, yellowish-brown sandy loam with inclusions of charcoal. On terrain such as the study areas, it can be up to 300mm in depth or not present at all. Underlying this is a yellow-brown, light sandy clay loam (A₂ horizon), which can reach a depth of 400mm. Exposed bedrock benches can reach up to 100m in length.

Lucas Heights²

Lucas Heights (lh) is a residual soil landscape, associated with the majority of the study area. It is characterised by gently undulating crests and ridges on plateau surfaces of the Mittagong Formation. The landscape generally consists of up to 30cm of loose, dark brown to yellowish brown sandy loam (A₁ horizon) and 10–30cm of bleached, stony, hard-setting sandy loam (A₂ horizon) which overlies earthy, yellowish brown sandy clay loam (B horizon). Low eucalyptus open forests and low eucalyptus woodlands are the major vegetation covers in the Lucas Heights soil landscape.

2.3.2 Landforms and Hydrology

Allambie Heights is situated on the Hornsby Plateau, which has been eroded by streams that flowed to Holocene coastal lagoons. As such, topography varies drastically between steep sandstone ridges with flat tops.³

The study area is located on the southeastern edge of the Hornsby Plateau, connected to the Manly Creek 750m to the west by a spur, which forms a clear ridgeline route downhill to the water (Figure 2.4). To the northeast, two hill tops create a shallow valley that extends into and across the study area and down the spur.

No creek lines are associated with the study area (Figure 2.4), although the source of ephemeral first order creeks would have occurred on the slopes to the east of the study area (indicated by the contour lines in Figure 2.4).

Vegetation across the study area has prominently been cleared, yet it was once covered in low eucalypt woodlands, with species such as red bloodwood (*Eucalyptus gummifera*), scribbly gum (*E. haemastoma*), turpentine (*Syncarpia glomulifera*) and yellow-top ash (*E. luemanniana*).⁴



Figure 2.3 Soil landscape of the surrounding area. (Source: SIX Maps, 2016, with GML additions, 2020)

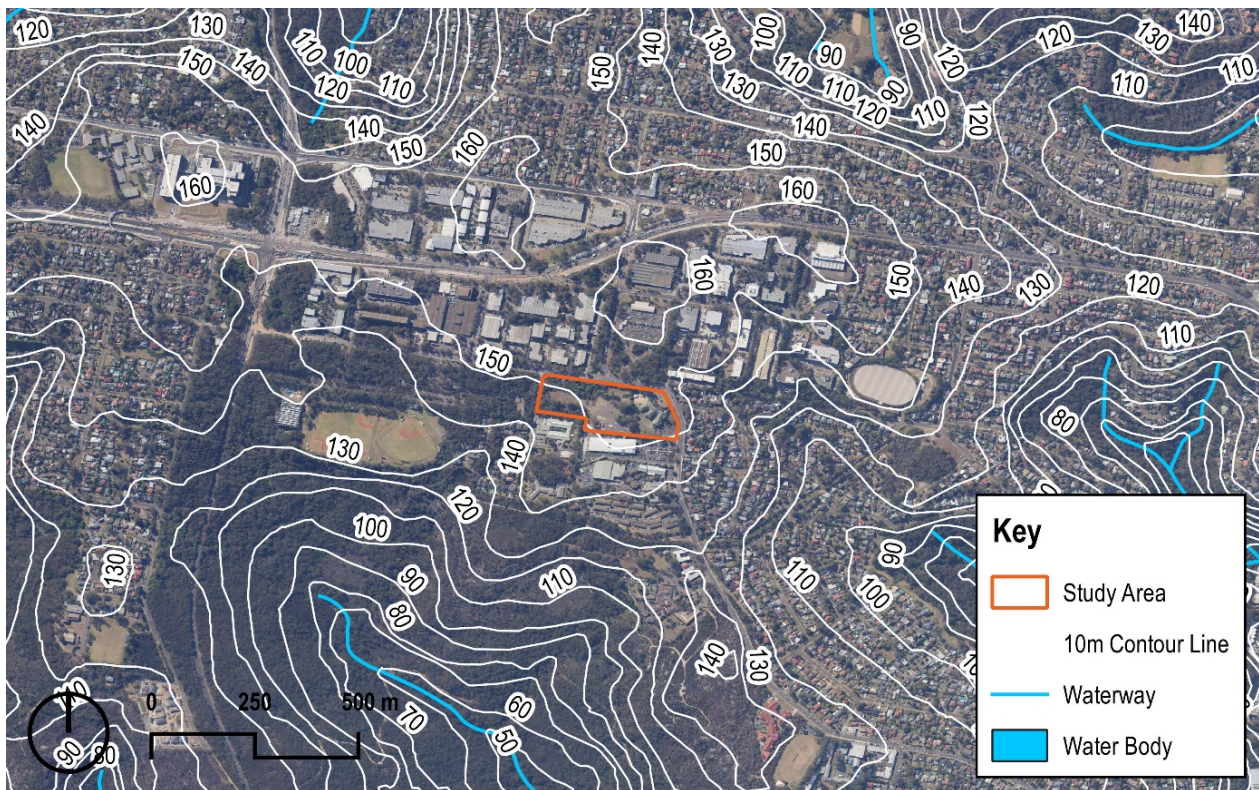


Figure 2.4 Landform and water courses of the surrounding area. (Source: SIX Maps, 2016, with GML additions, 2020)

2.4 Modern Land Use and Disturbance

The study area has been subject to historical and recent development activities. However, there are some areas that have only experienced partial land stripping and have the potential for old growth trees and intact soil horizons to remain undisturbed. Aerial photography from 1943 to 1994 provides evidence for the history of twentieth-century alterations and impacts. These are reviewed and presented below:

- 1943 aerial (Figure 2.5)—a small area with quarrying is evident in the northwest corner. Tracks and paths cross the study area. Vegetation has been stripped from the central and eastern parts.
- 1951 aerial (Figure 2.6)—further vegetation stripping has occurred. The network of paths has become more incised. A scoured and quarried area is present to the immediate south of the study area.
- 1976 aerial (Figure 2.7)—the western portion of the study area has been stripped and cut. Development has occurred across the central and eastern portions of the study area. Two mature trees have been retained within a central garden area. These appear to be the only trees retained from 1943.
- 1986 aerial (Figure 2.8)—further impacts have occurred across the western part of the study area.
- 1994 aerial (Figure 2.9)—the western part of the study area is grassed, and no further major alterations have occurred.

The analysis of past impacts through aerial photographs has identified some areas with less disturbance (Figure 2.10). These zones were further assessed during the study area inspection.

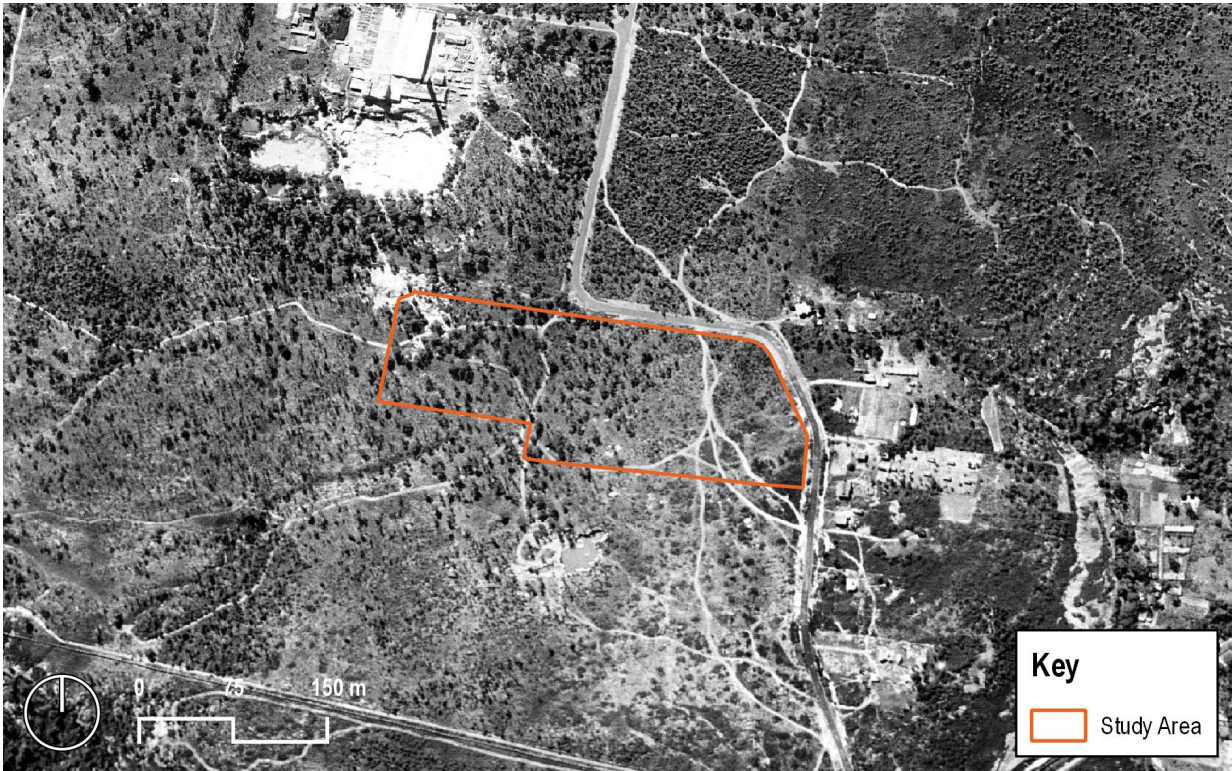


Figure 2.5 1943 aerial photograph with the study area annotated. (Source: NSW Spatial Collaboration Portal, with GML additions, 2020)



Figure 2.6 1951 aerial photograph with the study area annotated. (Source: NSW Spatial Collaboration Portal, with GML additions, 2020)



Figure 2.7 1976 aerial photograph with the study area annotated. (Source: NSW Spatial Collaboration Portal, with GML additions, 2020)



Figure 2.8 1986 aerial photograph with the study area annotated. (Source: NSW Spatial Collaboration Portal, with GML additions, 2020)



Figure 2.9 1994 aerial photograph with the study area annotated. (Source: NSW Spatial Collaboration Portal, with GML additions, 2020)



Figure 2.10 Zones identified through historical aerial photographs as having minimal disturbance. (Source: SIX Maps, 2016, with GML additions, 2020)

2.5 Endnotes

- ¹ Chapman, G et al. 1989, *Soil Landscapes of the Sydney Region 1:100 000 Sheet*, Soil Conservation Service of NSW, Sydney.
- ² Chapman, G et al. 1989, *Soil Landscapes of the Sydney Region 1:100 000 Sheet*, Soil Conservation Service of NSW, Sydney.
- ³ Byrne, D 1986, Proposed Warringah Park Business Centre, Beacon Hill: Survey for Archaeological Sites and Report on Aboriginal Rock Engravings, report prepared for Girvans Brothers Pty Ltd.
- ⁴ Chapman, G et al. 1989, *Soil Landscapes of the Sydney Region 1:100 000 Sheet*, Soil Conservation Service of NSW, Sydney.

3 Predictive Modelling

Using the contextual information discussed above as well as other known available resources, including Julie Dibden's 2011 PhD thesis on the rock art of the upper Nepean, a predictive model for the study area can be developed.¹ This predictive model focuses on the sites that are most prominent within the region surrounding the site.

Rock engraving art sites are the most common in the region, comprising almost 50% of recorded sites. They are often found on flat platforms which have 360-degree views of the surrounding landscape or in areas which are special for animal or people.² At the regional level, specific landforms, particularly upper slopes, crests and first order streams, are associated with rock engravings. These landforms also mark primary movement corridors.³ For the local level, the AHIMS data appears to support this modelling, with clusters of engraving sites located on specific landform types. Rock engravings could be identified within the study area should intact, horizontal, exposed sandstone bedrock be present.

Recorded grinding groove sites are often associated with engraved rock art sites and their locations across a landscape follow a similar pattern. The area is often associated with the slopes and open depressions of first and second order creeks, and the upper slopes are favoured and there are strong associations of grinding grooves with first and second order creeks.⁴ However, the AHIMS results for the study area show a lack of grinding grooves in the searched area (Figure 2.1) as compared to other regions of Sydney with similar landform patterns.⁵ Grinding grooves are therefore not expected to occur within the study area.

The study area could also contain Aboriginal stone artefacts, in locations which retain intact soils and are connected with landforms conducive with manufacture, maintenance and use of the items.

3.1 Endnotes

- ¹ Dibden, J A 2011, 'Drawing in the Land: Rock-art in the Upper Nepean, Sydney Basin, New South Wales', PhD Thesis, Australian National University, Canberra
- ² Lee, E 2002, *The Tale of a Whale – Significant Aboriginal Landscapes of the Northern Beaches*, Warringah Council.
- ³ Dibden, J A 2011, 'Drawing in the Land: Rock-art in the Upper Nepean, Sydney Basin, New South Wales', PhD Thesis, Australian National University, Canberra, p 127.
- ⁴ Dibden, J A 2011, 'Drawing in the Land: Rock-art in the Upper Nepean, Sydney Basin, New South Wales', PhD Thesis, Australian National University, Canberra, p 127.
- ⁵ Dibden, J A 2011, 'Drawing in the Land: Rock-art in the Upper Nepean, Sydney Basin, New South Wales', PhD Thesis, Australian National University, Canberra, p 123.

4 Study Area Inspection

A study area inspection was undertaken by Kevin Telford (Metropolitan LALC), Talei Holm and Tim Owen (GML) on 15 December 2020, to observe current site conditions and record any evidence of former land use and development activities that might have affected the study area. All images presented in this section were taken by GML during the site inspection.

The following observations were made.

- Most of the study area has been disturbed, with evidence for cut bedrock, benching, soil movement, tree removal and a high volume of fills being moved.
- A central area to the west of the buildings has two old growth trees (as identified in Figure 2.7) and is the highest point in the study area and immediate surroundings. This zone has some potential for intact soil landscapes, with the possibility for Aboriginal use and thus Aboriginal archaeological evidence within a subsurface context (Figure 4.1 and Figure 4.2). This evidence could be stone objects and/or possibly engravings on suitable shallow bedrock.

This zone is designated as holding sensitivity for Aboriginal heritage. It is noted that this area has been subject to some surface landscaping, which could have affected the integrity of soils.

- Bedrock platforms are present on site; however, no rock engravings were observed. Further former sandstone outcropping could now be buried, although the location of such features cannot be predicted.
- The AHIMS site 45-6-0905, a rock engraving of a kangaroo/wallaby (located to the southeast of the study area), 'points' towards the high point within the study area, and down slope along the ridgeline, which leads to Manly Lagoon (Figure 4.4).

From these observations, one sensitive zone was identified within the study area (Figure 4.5).

During the inspection, the importance of local landforms was discussed. It was noted that central landforms with views down onto water typically have rock engravings. This became particularly prominent when visiting AHIMS site 45-6-0905, which 'connects' to the highest point of the study area, to the hills to the north of the study area, and downslope along the ridge line (Figure 4.6). These factors contextualise the study area within its broader cultural landscape.



Figure 4.1 Sensitive zone, looking towards the highest point on site. Facing northwest. (Source: GML, 2020)



Figure 4.2 Sensitive zone, standing on the highest point, facing southeast. (Source: GML, 2020)



Figure 4.3 Degrading bedrock, facing north. (Source: GML, 2020)



Figure 4.4 AHIMS 45-6-0905—rock engraving of a kangaroo/wallaby. Facing southeast towards Manly Creek. (Source: GML, 2020)



Figure 4.5 Indicative area of sensitivity identified during the site inspection. (Source: SIX Maps, 2016, with GML additions, 2020)

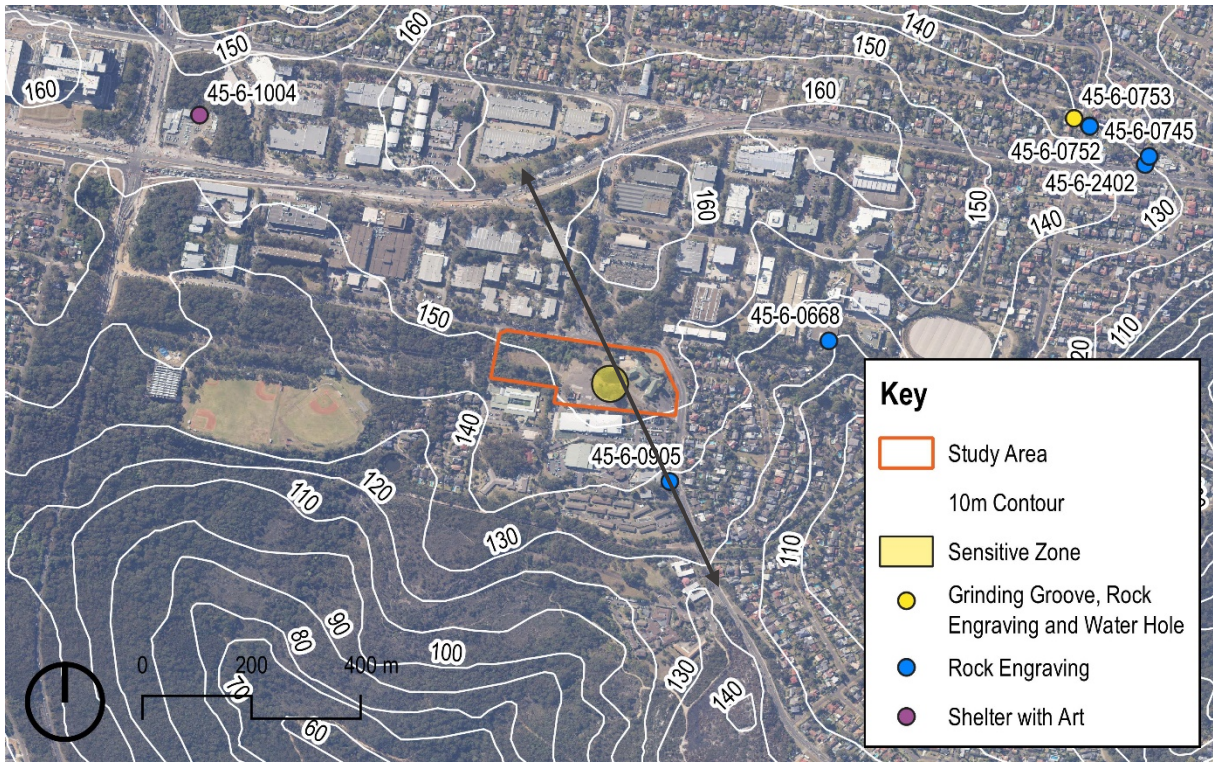


Figure 4.6 Connection of the study area with the wider landscape. (Source: SIX Maps, 2016, NSW Land Registry Services, 2020, with GML additions, 2020)

5 Aboriginal Heritage Considerations

5.1 Proposed Works

The proposal is to build a school to accommodate 1,500 students and a synthetic sports field. These actions will impact and alter the appearance of the study area, and would require further ground disturbance across the study area.

5.2 Masterplan Considerations

Much of the study area has been disturbed (cut and filled) and is not likely to hold Aboriginal objects. However, one zone with Aboriginal heritage sensitivity has been identified (Figure 4.5).

The zone with sensitivity holds the potential for archaeological deposits, and possibly rock engravings which may have been covered by topsoil. The precise nature of subsurface archaeology within this zone could only be determined by further Aboriginal heritage and archaeological investigations. Ideally this zone should be avoided by future works, and included within the new site masterplan as an Aboriginal heritage conservation area. If this is not possible, then further archaeological investigation would be required as part of an Aboriginal heritage assessment for the site.

The intangible connection between the sensitive zone and the wider landscape (shown in Figure 4.6) is not obvious to non-Aboriginal and non-heritage professionals. The proposed masterplan represents an opportunity for these links to be developed and included within new landscape plans. The link could be in the form of connection corridors, pathways, and building alignments. Interpretation of the links should be developed through future Aboriginal heritage assessment.

6 Conclusion and Recommendations

6.1 The Due Diligence Process

The five steps prescribed for the due diligence process are addressed below.

Step 1. Identify Whether the Activity will Disturb the Ground Surface or Any Culturally Modified Trees

Yes. The intention of building a new school on the site will require disturbance to the ground surface. Proceed to Step 2.

Step 2. Search the AHIMS Database and Use Any Other Sources of Information of Which You Are Already Aware

Are there any:

- a) relevant confirmed site records or other associated landscape feature information on AHIMS? and/or
- b) any other sources of information of which a person is already aware? and/or
- c) landscape features that are likely to indicate presence of Aboriginal objects?

Yes. During the site inspection an area with old growth trees determined to be sensitive was identified. Proceed to Step 3.

Step 3. Identify Whether You Can Avoid Harm to the Object or Disturbance of the Landscape Feature

The Masterplan is being developed. It is likely that ground disturbance will be required within the zone designated as holding sensitivity for Aboriginal cultural heritage. Proceed to Step 4.

Step 4. Undertake a Desktop Assessment and Visual Inspection to Confirm If There Are, Or Are Likely To Be, Aboriginal Objects

Yes. While most of the site is heavily disturbed, the site inspection identified an area with sensitivity. Proceed to Step 5.

Step 5. Carry Out Further Investigations and Impact Assessment

Refer to Section 6.3, Aboriginal Heritage Recommendations, below.

6.2 The Findings of the Due Diligence Process

This due diligence report has the following findings:

- There is a sensitive zone within the study area, which will need further Aboriginal cultural heritage assessment and management if the ground surface or old growth trees will be disturbed.
- The study area is connected to the wider Aboriginal cultural landscape. This connection provides an opportunity for inclusion within the masterplan, and future interpretation during development of the new school.

6.3 Aboriginal Heritage Recommendations

The following heritage recommendations are made:

- The findings of this report should be considered within the context of the draft site masterplan.

- This assessment can be used to support a development application prior to the full Aboriginal heritage assessment, integrating its recommendations into conditions of consent.
- To confirm the presence or absence of Aboriginal objects within the sensitive zone, a program of archaeological test excavation will be required adhering to the Heritage NSW (formerly Department of Environment, Climate Change and Water [DECCW]) Code of Practice for Aboriginal archaeology.¹
- Undertaking test excavation will require commencement of Aboriginal community consultation adhering to Heritage NSW (formerly DECCW) guidelines for consultation.²
- Reporting on the test excavation should follow Heritage NSW (former Office of Environment and Heritage) guidelines for investigating, assessing and reporting on Aboriginal cultural heritage.³ Heritage NSW requires that assessment identifies all Aboriginal values associated with the study area—social, historical, aesthetic and scientific.
 - Should no Aboriginal objects be identified in the test excavation program, an Aboriginal Cultural Heritage Assessment Report (ACHAR) and Archaeological Technical Report (ATR) will be produced in accordance with the Heritage NSW (formerly DECCW) *Code of Practice for Archaeological Investigations of Aboriginal Objects in New South Wales*. The development project may proceed subject to caution and a stop work provision for unexpected finds, and an AHIP would not be required.
 - Should Aboriginal objects be identified, under Section 90 of the NPW Act, an AHIP will be required before any action which involves **harm** (eg earthworks associated with the development) can occur.
- If development consent under Part 4 of the EPA Act is required, a copy of this consent must be included with the AHIP application.
- Future Aboriginal heritage management after the test excavation, and an AHIP (if required), may include archaeological salvage excavation, heritage interpretation and/or conservation of Aboriginal sites.
- Opportunities for conservation and interpretation of the sensitive zone should be considered. These could include a low impact walking path, through the sensitive zone, which reflects the connection between the study area, AHIMS site 45-6-0905, and the hills to the north (Figure 4.6).
- This report should be provided to the Metropolitan LALC for its review and comments.

Endnotes

- ¹ Department of Environment, Climate Change and Water, *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales*, September 2010.
- ² Department of Environment Climate Change and Water (NSW), *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*, Part 6, *National Parks and Wildlife Act 1974*, Department of Environment, Climate Change and Water, April 2010.
- ³ Office of Environment and Heritage, *Guidelines for investigating, assessing and reporting on Aboriginal cultural heritage in NSW*, April 2011.



SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-2589	Brentwood Place;Frenchs Forest;	AGD	56	336929	6264622	Closed site	Valid	Art (Pigment or Engraved) : -, Artefact : -	Shelter with Art,Shelter with Deposit	
	Contact	Recorders	Michael Guider							
45-6-2360	Flat Rock Track 1	AGD	56	334210	6261160	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	2442
	Contact	Recorders	Val Attenbrow,A Acret,F Tighe							
45-6-2361	Flat Rock Track 3	AGD	56	334180	6261120	Open site	Valid	Shell : -, Artefact : -	Midden	2442
	Contact	Recorders	Val Attenbrow,A Acret,F Tighe							
45-6-2371	Perfect shell shelter;	GDA	56	334200	6260945	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	2047
	Contact	Recorders	Val Attenbrow							
45-6-2376	SSM 22563;	GDA	56	334390	6260930	Open site	Valid	Shell : -, Artefact : -	Midden	2047
	Contact	Recorders	Val Attenbrow							
45-6-2274	Frenchs Forest - (refer to 45-6-1273)	AGD	56	337195	6264955	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Mr.Phil Hunt,Melanie Kennedy							
45-6-1089	Frenchs Forest;Dee Why;	AGD	56	339117	6264497	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1891
	Contact	Recorders	Mr.R Taplin							
45-6-2044	Bantry bay 3;	AGD	56	336210	6260650	Open site	Valid	Artefact : -	Open Camp Site	1809
	Contact	Recorders	Michael Guider							
45-6-2045	Bantry bay 4;	AGD	56	336210	6260690	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	Contact	Recorders	Michael Guider							
45-6-2046	Bantry bay 5;	AGD	56	336210	6260780	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809,102473
	Contact	Recorders	Michael Guider							
45-6-0689	Frenchs Forest;Allambie Road;	AGD	56	338536	6261528	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS							
45-6-0695	Beacon Hill;Frenchs Forest;	AGD	56	338924	6263338	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Unknown Author							
45-6-0699	Frenchs Forest;Flat Rocks;	AGD	56	338850	6261534	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Lisa Campbell							
45-6-0700	Beacon Hill;Frenchs Forest;	AGD	56	339327	6263177	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Ms.Lisa Campbell					Permits		
45-6-0702	Frenchs Forest;	AGD	56	339173	6264053	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Lisa Campbell					Permits		
45-6-2047	Bantry bay 6;	AGD	56	336210	6260820	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact	Recorders	Michael Guider					Permits		
45-6-2048	Bantry bay 7;	AGD	56	336250	6260990	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,102473
	Contact	Recorders	Michael Guider					Permits		
45-6-2049	Bantry bay 1;	AGD	56	336490	6260580	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,102473
	Contact	Recorders	Michael Guider					Permits		
45-6-2050	Bantry bay 8;	AGD	56	336190	6261020	Closed site	Valid	Art (Pigment or Engraved) : -, Shell : -, Artefact : -	Shelter with Art,Shelter with Midden	1809
	Contact	Recorders	Michael Guider					Permits		
45-6-2051	Bantry bay 9;	AGD	56	336130	6261170	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,102473
	Contact	Recorders	Michael Guider					Permits		
45-6-2052	Bantry bay 10;	AGD	56	336090	6261270	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809,102473
	Contact	Recorders	Michael Guider					Permits		
45-6-2053	Bantry bay 11;	AGD	56	336090	6261290	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	Contact	Recorders	Michael Guider					Permits		
45-6-2067	Foot Cave;	GDA	56	335840	6262810	Closed site	Valid	Art (Pigment or Engraved) : -, Shell : -, Artefact : -	Shelter with Art,Shelter with Midden	1809,102473
	Contact	Recorders	Michael Guider,Mr.Phil Hunt					Permits		
45-6-2073	Echidna cave;	GDA	56	335993	6262331	Closed site	Valid	Artefact : -, Art (Pigment or Engraved) : -	Rock Engraving,Shelter with Deposit	1809,102473
	Contact	Recorders	Michael Guider					Permits		
45-6-1255	Allambie Heights;	AGD	56	338287	6261912	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		
45-6-1275	Belrose;	AGD	56	337270	6264946	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		

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45-6-1129	Lindfield;Midden Joined Cave;	GDA	56	334400	6260900	Closed site	Valid	Shell : -, Artefact : -	Midden,Shelter with Midden	
	Contact	Recorders	ASRSYS					Permits		
45-6-1130	Lindfield;	GDA	56	334449	6260815	Open site	Valid	Shell : -, Artefact : -	Midden	
	Contact	Recorders	ASRSYS					Permits		
45-6-1373	French Trig;	GDA	56	335500	6264710	Open site	Not a Site	Artefact : -	Not an Aboriginal Site	
	Contact	Recorders	Mr.Phil Hunt,M Young					Permits		
45-6-0634	French's Forest;Bantry Bay;	AGD	56	334607	6261622	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Unknown Author					Permits		
45-6-0637	Bantry Bay;French's Forest	GDA	56	335301	6261930	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	102473
	Contact	Recorders	Unknown Author					Permits		
45-6-0638	Frenchs Forest;Bantry Bay;	AGD	56	335071	6262011	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Unknown Author					Permits		
45-6-0655	Frenchs Forest;Bantry Bay Road;	GDA	56	336415	6262272	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	2183,2184,102473
	Contact	Recorders	Alexandra Kelly					Permits	347	
45-6-2093	Anadara cluster	GDA	56	334200	6260948	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact	Recorders	Val Attenbrow,K Cutmore					Permits		
45-6-2402	Maillolo Engraving;	AGD	56	338209	6263722	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Janice Cawthorn					Permits		
45-6-2165	Lens in bank;	GDA	56	334326	6260947	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact	Recorders	Val Attenbrow,K Cutmore					Permits		
45-6-2166	Leaning casuarina	GDA	56	334350	6260950	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact	Recorders	Val Attenbrow,K Cutmore					Permits		
45-6-2177	Malinya Rd;	AGD	56	339052	6261610	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Michael Guider					Permits		
45-6-2182	Bluff Track;	GDA	56	335906	6262366	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	102473
	Contact	Recorders	Michael Guider					Permits		
45-6-2205	Magazine Track 1;	AGD	56	335970	6260650	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	102473

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Michael Guider					Permits		
45-6-2043	Bantry bay 2;	AGD	56	336430	6260710	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	Contact	Recorders	Michael Guider					Permits		
45-6-0745	Beacon Hill;	AGD	56	338216	6263740	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	2212
	Contact	Recorders	R.H Mathews					Permits		
45-6-0752	Beacon Hill;	AGD	56	338105	6263805	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		
45-6-0753	Beacon Hill;	AGD	56	338077	6263821	Open site	Valid	Art (Pigment or Engraved) : -, Grinding Groove : -, Water Hole : -	Axe Grinding Groove,Rock Engraving,Water Hole/Well	2212
	Contact	Recorders	ASRSYS					Permits		
45-6-0114	Dee Why;Manly Cove;	AGD	56	339360	6264365	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	R.H Mathews					Permits		
45-6-0115	Dee Why;Parr Parade;	AGD	56	339374	6264362	Open site	Valid	Art (Pigment or Engraved) : -, Grinding Groove : -	Axe Grinding Groove,Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0116	Dee Why;Narraweena (Manly Cove);	AGD	56	339154	6264446	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0053	Dee Why.	AGD	56	338807	6264602	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Lisa Campbell,Mr.Paul Irish					Permits		
45-6-0934	Belrose; Warr-223B	AGD	56	338249	6264513	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1989,4422
	Contact	Recorders	ASRSYS					Permits	175	
45-6-0963	Frenchs Forest;	AGD	56	336920	6261140	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	254,102473
	Contact	Recorders	Mary Dallas Consulting Archaeologists (MDCA),Mr.R Taplin					Permits		
45-6-0130	Campbell;Belrose;Wheeler Creek;	AGD	56	339429	6264392	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		
45-6-0662	Frenchs Forest;Bantry Bay;Wakehurst Parkway;	AGD	56	336498	6261705	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	102473
	Contact	Recorders	Unknown Author					Permits		

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45-6-0667	Frenchs Forest;Curl Curl Creek; Contact	AGD	56	336923	6262388	Open site	Valid	Art (Pigment or Engraved) : - Permits	Rock Engraving	2988
45-6-0668	Allambie Heights Warringah Rd Allambie Rd Contact	GDA	56	337740	6263515	Open site	Valid	Art (Pigment or Engraved) : - Permits	Rock Engraving	1043,102261
45-6-0669	Seaforth;Wakehurst Golf Club Contact	GDA	56	337470	6261425	Open site	Valid	Art (Pigment or Engraved) : - Permits	Rock Engraving	254
45-6-0670	Seaforth;Wakehurst Golf Club; Contact	AGD	56	337394	6260981	Open site	Valid	Art (Pigment or Engraved) : - Permits	Rock Engraving	254
45-6-0671	Seaforth;Wakehurst Golf Club; Contact	AGD	56	337444	6260962	Open site	Valid	Art (Pigment or Engraved) : - Permits	Rock Engraving	254
45-6-0672	Seaforth;Wakehurst Golf Club; Contact	AGD	56	337462	6261082	Open site	Valid	Art (Pigment or Engraved) : - Permits	Rock Engraving	254
45-6-0881	Allambie Heights; Contact	AGD	56	338315	6262166	Open site	Valid	Art (Pigment or Engraved) : - Permits	Rock Engraving	
45-6-0884	Middle Harbour Creek;East Lindfield;Switching Station Shelter;dredged shell; Contact	AGD	56	336895	6261078	Open site	Valid	Shell : -, Artefact : - Permits	Midden	2047
45-6-0899	Balgowlah;Bantry; Contact	AGD	56	336853	6261025	Open site	Valid	Art (Pigment or Engraved) : - Permits	Rock Engraving	102473
45-6-0904	Allambie Heights; Contact	AGD	56	338268	6262167	Open site	Valid	Art (Pigment or Engraved) : - Permits	Rock Engraving	
45-6-0905	Sunnyfield Home;Allambie Heights; Contact	AGD	56	337349	6263012	Open site	Valid	Art (Pigment or Engraved) : - Permits	Rock Engraving	
45-6-0824	Frenchs Forest; Contact	AGD	56	338106	6263804	Open site	Valid	Art (Pigment or Engraved) : - Permits	Rock Engraving	
45-6-0010	French's Forest 1; Contact	GDA	56	335948	6262438	Open site	Valid	Art (Pigment or Engraved) : - Permits	Rock Engraving	667

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45-6-0011	French's Forest;Kangaroo Site	GDA	56	335806	6262583	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	667,1970,102473
	Contact	Recorders	Michael Guider,Mr.Phil Hunt					Permits		
45-6-0012	French's Forest;	GDA	56	335825	6262306	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	102473
	Contact	Recorders	Jim Specht					Permits		
45-6-0013	French's Forest;Bates Creek;	AGD	56	335921	6261397	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	102473
	Contact	Recorders	Jim Specht					Permits		
45-6-0014	French's Forest;Main Creek West;	AGD	56	335921	6261397	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	667
	Contact	Recorders	Jim Specht					Permits		
45-6-0015	French's Forest;Main Creek;	AGD	56	335921	6261397	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	667
	Contact	Recorders	Jim Specht					Permits		
45-6-0016	French's Forest;Bates Creek South;Bates Creek;	AGD	56	335921	6261397	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	667
	Contact	Recorders	Jim Specht					Permits		
45-6-0017	French's Forest;Seaforth;	AGD	56	336295	6260947	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	667
	Contact	Recorders	Jim Specht					Permits		
45-6-1002	Balgowlah;	AGD	56	336873	6261392	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	ASRSYS					Permits		
45-6-1003	Frenchs Forest;	AGD	56	336186	6261860	Closed site	Valid	Artefact : -	Shelter with Deposit	102473
	Contact	Recorders	Unkya					Permits		
45-6-1004	Frenchs Forest;	AGD	56	336473	6263801	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	Unknown Author					Permits		
45-6-1012	Belrose;Superlatives Cave;	AGD	56	336940	6264625	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	Mr.R Taplin					Permits		
45-6-1013	Belrose;High Midpart Cave;	AGD	56	336856	6264590	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	ASRSYS					Permits		
45-6-1014	Belrose;Red Glow Cave;	AGD	56	337972	6264695	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	ASRSYS					Permits		

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45-6-1573	Alkira Circuit;Narraweena;	AGD	56	339431	6264300	Closed site	Valid	Shell : -, Artefact : -, Art (Pigment or Engraved) : -	Rock Engraving,Shelter with Midden	
	Contact									
	Recorders			ASRSYS						Permits
45-6-2633	wgc-2	AGD	56	337330	6260910	Closed site	Valid	Art (Pigment or Engraved) : -, Artefact : -		
	Contact									
	Recorders			Mr.Phil Hunt						Permits
45-6-2733	Will-112 - Eastern Step Midden	GDA	56	334463	6260758	Open site	Valid	Shell : 1		
	Contact									
	Recorders			Mr.Phil Hunt						Permits
45-6-2790	Brooker Avenue Engraving Site 1	AGD	56	338034	6264770	Closed site	Valid	Art (Pigment or Engraved) : 2		
	Contact									
	T Russell									
	Recorders			Mr.Phil Hunt,Mr.Paul Irish						Permits
45-6-2798	Emu and Man, Frenchs Forest	GDA	56	335601	6262052	Open site	Valid	Art (Pigment or Engraved) : 4		102473
	Contact									
	T Russell									
	Recorders			Charles.D Power						Permits
45-6-2803	Flat Rock Track 2	AGD	56	334200	6261140	Closed site	Valid	Shell : -		
	Contact									
	T Russell									
	Recorders			Val Attenbrow						Permits
45-6-1697	Bantry Bluff Midden;	AGD	56	336230	6260650	Open site	Valid	Shell : -, Artefact : -	Midden	1293
	Contact									
	Recorders			A.K Morris						Permits
45-6-2054	Bantry bay 12;	AGD	56	336090	6261390	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	Contact									
	Recorders			Michael Guider						Permits
45-6-2929	Twin Roos	GDA	56	335850	6261820	Open site	Valid	Art (Pigment or Engraved) : -		102473
	Contact									
	Recorders			Michael Guider						Permits
45-6-2940	Rock engraving (Garigal National Park)	GDA	56	336620	6261787	Open site	Valid	Art (Pigment or Engraved) : -		102473
	Contact									
	Recorders			Michael Guider						Permits
45-6-2380	Red Hill 2 [further info. see report 101514]	AGD	56	338837	6264438	Closed site	Valid	Art (Pigment or Engraved) : -, Artefact : -	Shelter with Art,Shelter with Deposit	
	Contact									
	Recorders			Michael Guider						Permits
45-6-0019	Dee Why	AGD	56	338860	6264244	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders			Charles.D Power,Mr.Paul Irish						Permits
45-6-0692	Beacon Hill Frenchs Forest	AGD	56	338856	6264237	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	93
	Contact									
	Recorders			Unknown Author,Mr.Paul Irish						Permits

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45-6-2975	CS1 (Brookvale)	GDA	56	339537	6263325	Open site	Valid	Artefact : 1		
	Contact	Recorders	Biosis Pty Ltd - Sydney,Ms.Samantha Higgs							
45-6-3080	WGC 1 WARR214	GDA	56	337975	6261610	Open site	Valid	Art (Pigment or Engraved) : 1, Grinding Groove : 1, Potential Archaeological Deposit (PAD) : 1		Permits
	Contact	Recorders	Aboriginal Heritage Office							
45-6-3147	Mermaid Pool (South)	GDA	56	338790	6260855	Closed site	Valid	Art (Pigment or Engraved) : -, Water Hole : -		Permits
	Contact	Recorders	Sydney Water-Parramatta,Ms.Yvonne Kaiser							
45-6-3139	Monserra Engraving WARR350	GDA	56	338250	6261800	Open site	Valid	Art (Pigment or Engraved) : -		Permits
	Contact	Recorders	Mr.Phil Hunt							
45-6-3148	Manly Dam 1	GDA	56	338518	6260973	Open site	Valid	Artefact : -		Permits
	Contact	Recorders	Sydney Water-Parramatta,Ms.Yvonne Kaiser							
45-6-3149	Mermaid Pool (North)	GDA	56	338831	6260908	Closed site	Valid	Water Hole : -, Art (Pigment or Engraved) : -, Potential Archaeological Deposit (PAD) : -		Permits
	Contact	Recorders	Sydney Water-Parramatta,Ms.Yvonne Kaiser							
45-6-3164	Trefoil Creek 1	GDA	56	336531	6264357	Open site	Valid	Art (Pigment or Engraved) : -		Permits
	Contact	Recorders	Mr.Mark Rawson							
45-6-3192	30 Lyly Rd Rockshelter	GDA	56	338924	6262018	Open site	Valid	Potential Archaeological Deposit (PAD) : -		Permits
	Contact	Recorders	Mr.Ashley O'Sullivan							
45-6-3579	Oxford Falls RS-1	GDA	56	339280	6265151	Open site	Valid	Habitation Structure : 1, Potential Archaeological Deposit (PAD) : 1		Permits
	Contact	Recorders	Eco Logical Australia Pty Ltd - Sydney - Individual users,Mr.Tyler Beebe							

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