

Appendix K

Aboriginal heritage due
diligence assessment

Aboriginal Archaeological Due Diligence Assessment for Macquarie Park Development

Aboriginal Archaeological Due Diligence Assessment for Macquarie Park Development

Client: The Trust Company Limited ACN 004 027 749 as custodian for Stockland Trust Management Limited ACN 001 900 741 as trustee for Advance Property Fund

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A	29/9/2020	Draft	Geordie Oakes Principal Archaeologist	
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Executive Summary

AECOM Australia Pty Ltd (AECOM) was commissioned by The Trust Company Ltd to undertake an Aboriginal archaeological due diligence assessment of land proposed for development as a Data Centre. The Project area requiring assessment is Lot 1 in DP 633221, local address 11-17 Khartoum Road and 33-39 Talavera Road, Macquarie Park, located in the City of Ryde Local Government Area (LGA).

The proposed Data Centre development would include building ancillary offices, staff amenities, a car park, loading dock and security guard house. Vehicle access, service infrastructure, earthworks and landscaping would also be undertaken and diesel backup generators would be installed.

Searches of the AHIMS register did not identify any previously recorded Aboriginal sites within the Project area. This was verified during a site inspection. Taking into account the nature of landform and the extent of past disturbances across the Project area, as well as the results of Metropolitan Local Aboriginal Land Council (MLALC) consultation and past Aboriginal assessments for the surrounding area, the overall archaeological sensitivity of land within the Project area is considered to be low. The potential for impacts to Aboriginal objects to occur during works is likewise assessed as low.

Based on the key findings and results, this Aboriginal Due Diligence Assessment provided the following management recommendations:

1. No Aboriginal heritage constraints have been identified within the Project area in relation to the proposed works. As such, no further heritage assessment is considered warranted;
2. All construction staff should undergo a heritage induction, including information such as the importance of Aboriginal cultural heritage material and places to the Aboriginal community, as well as the legal implications of removal, disturbance and damage to any Aboriginal site; and
3. In the event that Aboriginal items, including possible human skeletal material (remains), are unexpectedly identified during works, all works in the area must cease immediately and a heritage specialist be consulted to assess the significance of the unexpected find and determine appropriate measures to follow. A stop work procedure relating to Aboriginal heritage should be included within the Project's construction management plan and presented during the heritage induction.

1.0 Introduction

AECOM Australia Pty Ltd (AECOM) was commissioned by Stockland Trust Management Ltd to undertake an Aboriginal archaeological due diligence assessment of land proposed for development as a Data Centre. The Project area (see Figure 1) requiring assessment is Lot 1 in DP 633221, local address 11-17 Khartoum Road and 33-39 Talavera Road, Macquarie Park, located in the City of Ryde Local Government Area (LGA).

The purpose of this assessment is to identify potential impacts to Aboriginal heritage values as a result of the proposed works and to provide The Trust Company Ltd with appropriate management advice. The contents of this report have been compiled in accordance with the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW 2010* (NSW Department of Environment Climate Change & Water, 2010c).

This report has also considered the Planning Secretary's Environmental Assessment Requirements (SEARs) provided as per Section 4.12(8) of the *Environmental Planning and Assessment Act 1979* and Schedule 2 of the *Environmental Planning and Assessment Regulation 2000* under Application #SSD-10467 for the Macquarie Park Data Centre project. Those requirements stated in relation to heritage that there should be "identification and assessment of potential impacts on Aboriginal cultural heritage values, including a description of any measures to avoid, mitigate and/or manage any impacts. Justification for reliance on any previous Aboriginal Cultural Heritage Assessment Report or other heritage assessment for the site must be provided".

The Department of Planning, Industry and Environment (DPIE) provided further clarification on the SEARs via email on 23 July 2020, noting the highly disturbed nature of the site. As such DPIE recommended that a suitably qualified professional be engaged to undertake an assessment of the proposed development and any potential impacts upon Aboriginal cultural heritage values or objects, including a description of any measures to avoid, mitigate and/or manage any impacts. The assessment was recommended to:

- include sufficient detail that is proportional to the predicted impacts;
- be informed by any previous Aboriginal Cultural Heritage Assessment Reports prepared for the site or other projects in the surrounding area (if available); and
- justify the level of consultation undertaken with Aboriginal people, at a minimum including direct consultation with the relevant Local Aboriginal Land Council (LALC) and a site inspection (where possible, noting COVID-Safe workplace requirements).

1.1 Scope and Limitations

The purpose of this report is to identify and assess both known Aboriginal sites and areas of archaeological potential that could potentially be affected by the Project. Predictions have been made within this report about the probability of subsurface archaeological materials occurring within the Project area, based on surface indications and environmental contexts. However, it is possible that materials may occur in areas without surface indications and in any environmental context.

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1.2 Proposed Activity

The Project area is proposed to be developed into a Data Centre. The key elements of the Project would include:

- Ancillary offices and staff amenities;
- Car parking;
- Loading dock;
- Security guard house;
- New vehicular access;
- Service infrastructure;
- Diesel backup generators;
- Landscaping;
- A new access road between 11-17 Khartoum Road and 1-5 Khartoum Road (Road 22); and
- Earthworks.

1.3 Data Sources

This Aboriginal due diligence assessment includes:

- A search of the Aboriginal Heritage Information Management Service (AHIMS) database;
- Background research into the historical development of the Project area using primary and secondary historical sources, as relevant and available;
- Consultation with the Metropolitan Local Aboriginal Land Council (MLALC) regarding the Aboriginal cultural values of the Project area; and
- A site inspection undertaken on 15 September 2020 by AECOM archaeologist Dr Darran Jordan and MLALC representative Selina Timothy.



Figure 1 Project Area with AHIMS sites

2.0 Relevant Legislation and Policy

A number of planning and legislative documents govern how heritage is managed in NSW and Australia. The following section provides an overview of the requirements under each as they apply to the Project.

2.1 Environment Protection and Biodiversity Conservation Act 1999

The *Commonwealth Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) defines 'environment' as both natural and cultural environments and therefore includes Aboriginal and non-Aboriginal historic cultural heritage items. Under the EPBC Act, protected heritage items are listed on the National Heritage List (NHL) (items of significance to the nation) or the Commonwealth Heritage List (CHL) (items belonging to the Commonwealth or its agencies). These two lists replaced the Register of the National Estate (RNE). The RNE has been suspended and is no longer a statutory list; however, it remains as an archive.

Under Part 9 of the EPBC Act, any action that is likely to have a significant impact on a matter of National Environmental Significance (NES) (known as a controlled action under the EPBC Act), may only progress with approval of the Commonwealth Minister. An action is defined as a project, development, undertaking, activity (or series of activities), or alteration. An action would also require approval if:

- it is undertaken on Commonwealth land and would have or is likely to have a significant impact on the environment on Commonwealth land; and/or
- it is undertaken by the Commonwealth and would have or is likely to have a significant impact.

This Project does not trigger any actions requiring approval under the EPBC Act.

2.2 National Parks and Wildlife Act 1974

The *National Parks and Wildlife Act 1974* (NPW Act) is the primary legislation for the protection of Aboriginal cultural heritage in NSW. The NPW Act gives the Director General of DPIE (formerly the Office of Environment and Heritage) responsibility for the proper care, preservation and protection of 'Aboriginal objects' and 'Aboriginal places', defined under the Act as follows:

1. an *Aboriginal object* is any deposit, object or material evidence (that is not a handicraft made for sale) relating to Aboriginal habitation of NSW, before or during the occupation of that area by persons of non-Aboriginal extraction (and includes Aboriginal remains); and
2. an *Aboriginal place* is a place declared so by the Minister administering the NPW Act because the place is or was of special significance to Aboriginal culture. It may or may not contain Aboriginal objects.

Part 6 of the NPW Act provides specific protection for Aboriginal objects and places by making it an offence to harm them and includes a 'strict liability offence' for such harm. A 'strict liability offence' does not require someone to know that it is an Aboriginal object or place they are causing harm to in order to be prosecuted. Defences against the 'strict liability offence' in the NPW Act include the carrying out of certain 'Low Impact Activities', prescribed in Clause 80B of the *National Parks and Wildlife Amendment Regulation 2010* (NPW Regulation), and the demonstration of due diligence.

An Aboriginal Heritage Impact Permit (AHIP) issued under Section 90 of the NPW Act is required if impacts to Aboriginal objects and/or places cannot be avoided. An AHIP is a defence to a prosecution for harming Aboriginal objects and places if the harm was authorised by the AHIP and the conditions of that AHIP were not contravened. Applications for an AHIP must be accompanied by assessment reports compiled in accordance with the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH, 2011) and the *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW* (DECCW, 2010b). Applications must also provide evidence of consultation with Aboriginal communities. Consultation is required under Part 8A of the NPW Regulation and is to be conducted in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents* (DECCW, 2010a). AHIPs may be issued in relation to a specified Aboriginal object,

Aboriginal place, land, activity or person or specified types or classes of Aboriginal objects, Aboriginal places, land, activities or persons.

Section 89A of the NPW Act requires notification of the location of Aboriginal sites within a reasonable time, with penalties for non-notification. Section 89A is binding in all instances.

2.3 Aboriginal and Torres Strait Islander Heritage Protection Act 1984

The *Aboriginal and Torres Strait Islander Heritage Protection Act 1984* (the ATSIHP Act) provides for the preservation and protection of places, areas and objects of particular significance to Indigenous Australians. The stated purpose of the ATSIHP Act is the preservation and protection from injury or desecration of areas and objects in Australia and in Australian waters, being areas and objects that are of particular significance to Aboriginal peoples in accordance with Aboriginal tradition.

The ATSIHP Act can prevail over State and territory laws in situations where a State or territory has approved an activity, but the Commonwealth Minister prevents the activity from occurring by making a declaration to protect an area or object. However, the Minister can only make such a decision after receiving a legally valid application under the ATSIHP Act and, in the case of long-term protection, after considering a report on the matter. Before making a declaration to protect an area or object in a State or territory, the Commonwealth Minister must consult the appropriate Minister of that State or territory.

No declarations relevant to the Project area have been made under the ATSIHP Act.

2.4 Local Government

The proposed works will be undertaken within the bounds of the City of Ryde LGA. The relevant planning controls for this project are the *City of Ryde Local Environmental Plan (LEP) 2014*. Heritage items are listed in Schedule 5 of the LEP. There are no Aboriginal heritage sites listed in Macquarie Park in Schedule 5 of the City of Ryde LEP 2014.

3.0 Landscape Context

Consideration of the landscape context of the Project area is based on the proposition that the nature and distribution of Aboriginal archaeological materials are closely connected to the environments in which they occur. Environmental variables such as topography, geology, hydrology and the composition of local flora and fauna communities will have played an important role in influencing how Aboriginal people moved within and utilised their respective Country. Amongst other things, these variables will have affected the availability of suitable campsites, drinking water, economic plant and animal resources, and raw materials for the production of stone and organic implements. At the same time, an assessment of historical and contemporary land use activities, as well as geomorphic processes such as soil erosion and aggradation, is critical to understanding the formation and integrity of archaeological deposits, as well as assessments of subsurface archaeological potential.

Key observations from a desktop review of the landscape context of the Project area are presented in Table 1.

Table 1 Review of landscape context of the Project area

Landscape	Details
Topography	The topography of the Project area has been heavily modified by development. The central portion of the Project area containing existing structures (offices and warehouses) is predominantly flat, with slopes surrounding it of elevations ranging from 50 m to 58 m (giving a total elevation variation across the area of 8 m). Slopes trend upwards from north-east to south-west, and it is likely that prior to modifications for development in this area it would have been predominantly midslope, rather than the current mix of slopes and flats. Although midslopes can contain Aboriginal sites, as they can occur in any landform, the gradient is more indicative of past use as a transitory area rather than for habitation, which would more likely be on a natural flat, particularly a well-drained and elevated flat in proximity to a permanent water source, which the Project area is not. The area is not, therefore, identified as being an archaeologically sensitive area in relation to landform.
Hydrology	No watercourses are present within the Project area or in its immediate vicinity, although watercourses are present in the surrounding region. The closest named water source is Shrimptons Creek, a first order tributary of Terrys Creek, flowing south-west to north-east and located approximately 450 m to the west of the Project area. Other water courses in the surrounding region are predominantly located to the north of the Project area and include Mars Creek, Quarry Creek, Falls Creek, Porters Creek, Links Creek, Amaroo Gully, Blackbutt Creek, Terrys Creek, Byles Creek, Devlins Creek, Porters Creek, Blue Gum Creek and the Lane Cove River. Previous assessments undertaken in the local and regional area have shown that creeklines, including first order drainage lines, are archaeologically sensitive landforms. This is demonstrated in this area by the majority of previously identified Aboriginal sites in the wider region being located along the extents of watercourses. In the immediate vicinity this includes sites in association with Shrimptons Creek, the Lane Cove River and Blackbutt Creek. The lack of a permanent water source within or in close proximity to the Project area suggests that the area is not archaeologically sensitive.
Geology	Reference to the 1:100,000 Geological Series Sheet for Sydney indicates that the surface geology of the Project area predominantly comprises Ashfield Shale (Rwa) of the Wianamata Group, dating from the Mesozoic era of the Triassic period. A small slither on the northern edge of the Project area is underlain by Rh, dating to the same era and period. There are no known sources of raw material within the bounds of the Project area known or likely to have been utilised in stone tool manufacture.

Landscape	Details
Soils	Soils within the Project area have been mapped by Bannerman and Hazelton (1990) as belonging to two distinct soil landscapes: Lucas Heights (lh) in the northern half of the Project area, and Glenorie (gn) in the southern half. Lucas Heights soils are generally moderately deep (between 50 cm and 150 cm), consisting of hard setting Yellow Podzolic Soils and Yellow Soloths, with Yellow Earths on the outer edges. Erosion impacts are generally low in this soil landscape. The stratigraphy generally consists of up to 30 cm of loose, yellowish-brown sandy loam (lh1) overlying 10 cm to 30 cm of bleached, stony, hard setting sandy clay loam (lh2) and up to 100 cm of yellowish-brown, pedal clay (lh4) (Yellow Podzolic Soils and Soloths). The boundary between the different stratigraphic layers is generally clear, with an average total soil depth of <100 cm. Glenorie soils range from shallow to moderately deep (<100 cm), consisting of moderately deep (70 cm to 150 cm) Red and Brown Podzolic Soils on upper slopes. Moderate sheet erosion is known to occur in disturbed areas. In areas of upper slopes and midslopes, like the Project area, up to 15 cm of gn1 overlies 5 cm to 30 cm of gn2 and >100 cm of gn3, with gn3 usually overlying up to 150 cm of mottled grey, plastic, strongly structured clay (gn4). The boundaries between the different stratigraphic layers is are usually clear, with a total soil depth averaging between 50 cm and 100 cm. The intensive development activity that has previously occurred within the Project area is likely to have resulted in high levels of disturbance to the soil deposits across the Project area.
Flora and Fauna	The Project area is located on the eastern edge of the Cumberland subregion of the Sydney Basin Bioregion. The Cumberland subregion is generally characterised by plant species such as grey box (<i>E. moluccana</i>), forest red gum (<i>E. tereticornis</i>), narrow-leaved ironbark (<i>E. crebra</i>), scribbly gum (<i>Eucalyptus haemastoma</i>), rough-barked apple (<i>Angophora floribunda</i>), broad-leaved apple (<i>Angophora subvelutina</i>) and cabbage gum (<i>Eucalyptus amplifolia</i>) (Tozer, 2003). The Project area has been cleared of all vegetation during past development, with the only vegetation currently present consisting of regrowth trees and garden plantings around the periphery of the property and in a grassed area in the southern-most corner of the property, used as a recreation and lunch area for staff at the current facility. The extensive nature of past impacts is such that the exact nature of the original native vegetation cannot be determined.
Land Disturbance	Aerial images from the 1930s and 1940s (see Figure 2 and Figure 3) show that the Project area has been subject to vegetation clearance, with some structures built within its bounds. A belt of vegetation is still evident, predominantly along the south-eastern edge of the Project area. The aerial images are indicative of pastoral activity during this period. Aerials from the 1960s to the 1980s indicate the development from pastoral to industrial use of the area increased in the 1970s, with the area largely developed into its current form by 1986 (see Figure 4, Figure 5 and Figure 6). Certainly from the 1990s to the 2010s (see Figure 7, Figure 8 and Figure 9) the Project area had already been subject to high levels of ground disturbance to clear the area, construct industrial buildings and their associated infrastructure, as well as roads and car park areas around and connecting the facilities. It is likely that the high levels of past disturbance would have destroyed or disturbed any Aboriginal sites that may have been present within this area.



Figure 2 Project area circa 1930s (approximate Project area indicated by red outline) (Source: The Contaminated Land Risk Ranking (CLRR) Web-GIS)



Figure 3 Project area circa 1940s (approximate Project area indicated by red outline) (Source: The Contaminated Land Risk Ranking (CLRR) Web-GIS)



Figure 4 Project area circa 1965 (approximate Project area indicated by red outline) (Source: NSW Government Spatial Collaboration Portal 2020)



Figure 5 Project area circa 1978 (approximate Project area indicated by red outline) (Source: NSW Government Spatial Collaboration Portal 2020)



Figure 6 Project area circa 1986 (approximate Project area indicated by red outline) (Source: NSW Government Spatial Collaboration Portal 2020)



Figure 7 Project area circa 1990s (approximate Project area indicated by red outline) (Source: The Contaminated Land Risk Ranking (CLRR) Web-GIS)

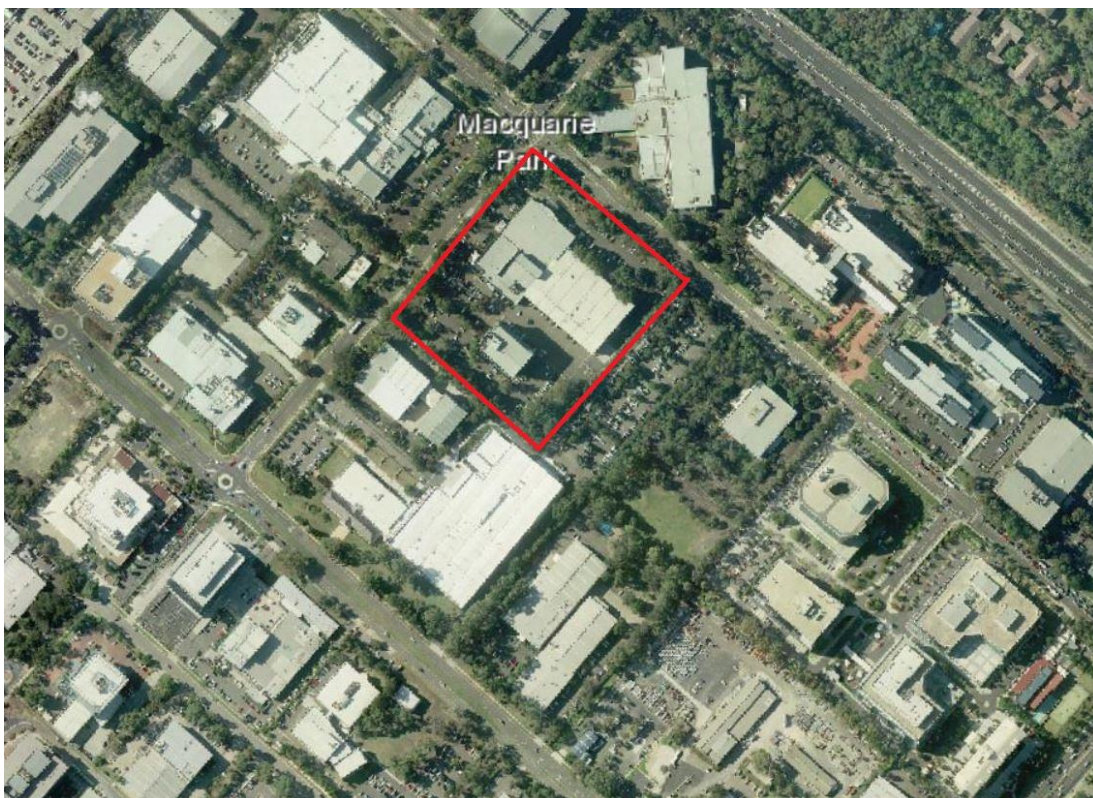


Figure 8 Project area circa 2000s (approximate Project area indicated by red outline) (Source: The Contaminated Land Risk Ranking (CLRR) Web-GIS)

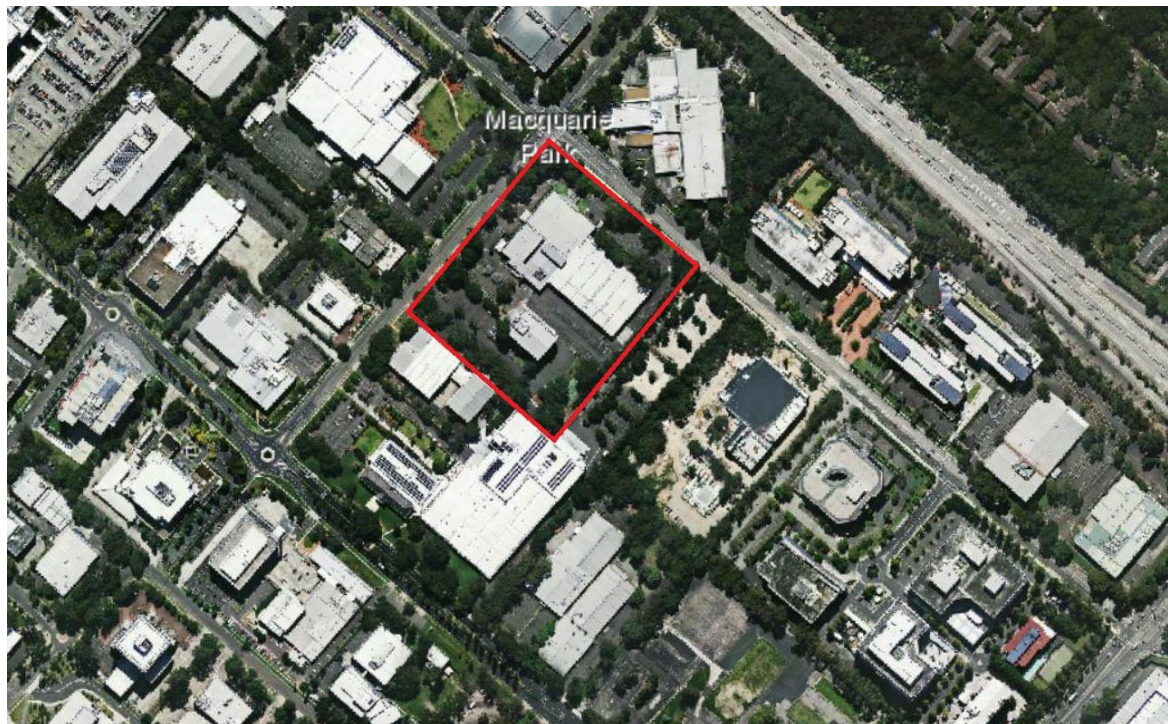


Figure 9 Project area circa 2010s (approximate Project area indicated by red outline) (Source: The Contaminated Land Risk Ranking (CLRR) Web-GIS)

3.1 NSW Aboriginal Heritage Information Management System (AHIMS)

The AHIMS register, administered by Heritage NSW in the Department of Premier and Cabinet (DPC) contains records of all Aboriginal objects reported to the Director General in accordance with Section 89A of the NPW Act. It also contains information about Aboriginal places, which have been declared by the Minister to have special significance with respect to Aboriginal culture. Previously recorded Aboriginal objects and declared Aboriginal places are known as 'Aboriginal sites'.

An AHIMS search for registered sites within the vicinity of the Project area was completed on 10 July 2020 (AHIMS Search #519478) (see Appendix A). The search consisted of a 7 km by 12 km (84 km²) search area centred on the Project area.

A total of 102 sites were identified in the search results, comprising 23 rockshelters, 21 areas of Potential Archaeological Deposit (PAD), 19 art sites, 11 grinding groove sites, nine middens, eight engravings, five artefact scatters and four isolated artefacts. There were also two sites that had been reassessed since their initial recording and redesignated "Not a Site" (i.e., not of Aboriginal origin).

The search results are summarised in Table 2 and the full results are included in Appendix A.

Table 2 AHIMS search results

Site type	Count	Percentage
Rockshelter	23	22.6%
Potential Archaeological Deposit (PAD)	21	20.7%
Art Site	19	18.6%
Grinding Groove	11	10.8%
Midden	9	8.8%
Engraving	8	7.8%
Artefact Scatter	5	4.9%

Site type	Count	Percentage
Isolated Artefact	4	3.9%
Not a Site	2	1.9%
TOTAL	102	100%

It should be noted that past experience has shown that the AHIMS database has errors and omissions, meaning that relevant sites need to be ground tested for verification, however there are no previously recorded sites within the bounds of the Project area. The next nearest site to the Project area is 700 m to the east, being 45-6-2653. The majority of previously recorded sites in the surrounding area are associated with watercourses (see Figure 1). A summary of all AHIMS sites located within 1.5 km of the Project area are summarised in the table below (Table 3).

Table 3 Summary of sites within 1.5 km of the Project area

AHIMS ID	Site Type	Summary
45-6-0610	Engraving	A carving of a kangaroo on a rock outcrop surface, located within the Lane Cove River bed near De Burghs Bridge.
45-6-0613	Engraving	Motifs carved onto rock outcrops at the end of Blaxland Road within the Lane Cove National Park. Motifs include two footprints, a large bird track, a fish, a boomerang and a kangaroo. The kangaroo and boomerang were noted as having been recut with a steel tool to emphasise them.
45-6-0981	Grinding Groove	A grinding groove identified on a flat outcrop on the edge of a cliff area.
45-6-1053	Engraving	Three figures engraved in a rock outcrop located on Mars Creek.
45-6-2212	Rockshelter	This site consists of a rockshelter with associated habitation deposit, however in this case high levels of past disturbance were noted in the shelter and its research value was assessed as low.
45-6-2213	Rockshelter	This site consists of a rockshelter with associated habitation deposit. A total of five artefacts were identified along the dripline. The deposit was estimated as likely to be over 1 m deep.
45-6-2215	Engraving	Motifs engraved into the surface of a sandstone outcrop on a ridge top.
45-6-2577	Grinding Grooves	A total of seven grinding grooves were identified on a rock outcrop on the bank of the Lane Cove River.
45-6-2584	Rockshelter	A rockshelter on the eastern side of Shrimptons Creek. The rockshelter faces west and has a sandy floor with estuarine shell on the surface, suggesting the site may contain more archaeological material in situ.
45-6-2585	Rockshelter	A large rockshelter situated beneath and beside a large waterfall on Shrimptons Creek. The rockshelter faces north and west and has two large fallen boulders associated. Two small red silcrete artefacts were identified, embedded in the very damp soil.
45-6-2653	Isolated artefact	An area subject to test excavation that identified a single quartz flake within a highly disturbed deposit.

3.2 Previous Aboriginal Heritage Investigations

Available data, including the results of searches of the AHIMS database, indicate that very few Aboriginal archaeological investigations have been carried out in the general vicinity of the Project area, with none in the Project area itself. This is due to the high levels of disturbance caused by past development, with it having been developed since at least 1978 as an industrial area. The two most relevant past assessments have been summarised in Table 4.

Table 4 Previous Aboriginal Heritage Assessments within 2 km of the Project area

Company / Organisation	Year	Investigation type	Activity / Project / Site being assessed	Distance from Project area (approximate)	Summary / Key Findings
Helen Brayshaw Heritage Consultants	2001	Survey	Residential Development	520 m north-east of the Project area	36-44 Fontenoy Road in Macquarie Park was subject to an Aboriginal heritage assessment when it was proposed to build a medium density housing estate in this area. No surface artefacts, no areas of PAD and no outcrops suitable for engraving were identified during the survey. It was concluded that the area did not have any constraints relating to Aboriginal heritage.
HLA-Envirosciences Pty Ltd	2003	Test Excavation	Horticultural Centre	700 m to the east	An area proposed for development as a Horticultural Centre was subject to test excavation. An initial survey did not identify and surface artefacts, outcrops with engravings or areas of PAD and noted high levels of past ground disturbance likely to have impacted any sites that may have been in this area. In consultation with MLALC subsurface test excavation was proposed to test whether past impacts had indeed destroyed sites in this area. A sandstone exposure was targeted for investigation during this testing program to check for engravings and other evidence of rock art. Hand excavated test pits were spaced along transect lines across the area. The integrity of the soil profile was found to be seriously compromised. A single quartz flake was identified in the deposit. No evidence of rock art was identified on the sandstone outcrop. The artefact was found in a disturbed deposit along with European material. The isolated artefact was registered in AHIMS as 45-6-2653.

4.0 Consultation

Neither the AHIMS site cards for previously identified sites in the surrounding area (summarised in Table 3) nor the two reports (summarised in Table 4) cite any specific Aboriginal cultural heritage values relating to the Macquarie Park area. The previously identified sites in the region have associated cultural values as a testament to past Aboriginal activity and a direct physical link to ancestors for Aboriginal people, but no other cultural values were documented. The test excavation undertaken 700 m to the east of the Project area in 2003 was attended by MLALC representative Jason Rose and written consultation results were provided by the MLALC Chairperson Warren Whitfield. Apart from the cultural values tied to physical sites nothing further was documented.

Consultation for this Aboriginal archaeological due diligence assessment was undertaken with MLALC. Field representative Selina Timothy participated in the fieldwork and provided a separate report noting that no sites or PADs were identified within the Project area. The report further addresses the previously undocumented cultural significance of the wider landscape containing the Project area and provides recommendations relating to cultural heritage (see Appendix B). The results of that report concluded:

“There are no Aboriginal archaeological constraints to the proposed development of the premises of the new development.

“However in the unexpected circumstances that Aboriginal significant objects are exposed in the future development of works being carried out, activities should temporarily cease and OEHL be contacted to advise on appropriate course of action and to allow MLALC representative to record and collect the identified items.

“Aboriginal people have used the area in the past as important place of trade and gatherings, the indication is present of Aboriginal occupations within the vicinity, this is obvious with the surrounding landscape usage such as important sites nearby such as the Creek for fresh water and the significance for Aboriginal people past and present still remains.

“All parts of the Sydney area hold significance and it’s important for the preservation and conservation of cultural significance sites to remain and not to be destroyed or damaged as they are of great importance for the connection to country both on Land and Sea.”

5.0 Visual Inspection

A site inspection of the Project area was undertaken by Principal Archaeologist Dr Darran Jordan on 15 September 2020. Photographs taken during the inspection are included below (Plate 1 View across Project area (view south-west) (Source: AECOM 2020) to Plate 7 View across Project area (view north) (Source: AECOM 2020)). The Project area was found to be highly modified and disturbed. No Aboriginal objects or areas of PAD were identified during the inspection.

MLALC representative Selina Timothy attended the inspection on the day and did not note any sites or specific areas of cultural value within the Project area. She did note however that the area would in the past have been part of a connected cultural landscape used by Aboriginal people, as attested by the presence of previously recorded sites in the surrounding region, particularly those associated with nearby waterways like Shrimptons Creek and the Lane Cove River.

The following key observations were made during the site inspection:

1. No Aboriginal objects or areas of PAD were identified; and
2. Archaeological sensitivity and ground integrity across the Project area were confirmed as being low due to a combination of non-sensitive landform areas and high levels of past disturbance.



Plate 1 View across Project area (view south-west) (Source: AECOM 2020)



Plate 2 View across Project area (view north-west) (Source: AECOM 2020)



Plate 3 View across Project area (view north-east) (Source: AECOM 2020)



Plate 4 View across Project area (view south-east) (Source: AECOM 2020)



Plate 5 View across Project area (view north-west) (Source: AECOM 2020)



Plate 6 View across Project area (view south-west) (Source: AECOM 2020)



Plate 7 View across Project area (view north) (Source: AECOM 2020)

6.0 Assessment of Potential Impacts

Based on the results of the AHIMS search, the results of past assessments in the area, reference to historical aerials and the site inspection it has been concluded that there are no Aboriginal heritage values within the Project area. The area contains no known sites or areas of PAD. Based on the presence of non-sensitive landforms and past impacts, it is unlikely any Aboriginal archaeological deposits will be present within the Project area. Although it is situated within a broader cultural landscape with Aboriginal cultural values, no specific cultural values or constraints were identified by MLALC for the Project area itself.

6.1 Key Findings

The key findings of this due diligence assessment are:

- No previously recorded or new Aboriginal sites have been identified within the Project area;
- No areas of sensitivity or PAD have been identified within the Project area;
- No Aboriginal cultural heritage values were identified for the Project area during consultation with MLALC;
- The Project area has been subject to high levels of past ground disturbance impacts, which make it unlikely that any Aboriginal archaeological deposits are present in this area; and
- Taking into account the nature of landform and the extent of past disturbances across the Project area, as well as the results of MLALC consultation and past Aboriginal assessments for the surrounding area, the overall archaeological sensitivity of land within the Project area is considered to be low. The potential for impacts to Aboriginal objects to occur during works is likewise assessed as low.

Table 5 provides a summary of the key questions asked as part of the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW, 2010:10). Should the answer to Question 4 be 'yes', further investigation and impact assessment would be required.

Table 5 Due Diligence Process Questions

1	<i>Will the activity disturb the ground surface or any culturally modified trees?</i> Yes, the proposed activity will require ground disturbance for the proposed development.	Proceed to Question 2a
2a	<i>Are there any relevant confirmed site records or other associated landscape feature information on AHIMS?</i> No, not within the Project area.	Proceed to Question 2b
2b	<i>Are there any other sources of information of which a person is already aware?</i> Yes. All available past reports and pertinent sources of information pertaining to the known Aboriginal resource in the vicinity of the Project area were reviewed. No known or potential areas of Aboriginal heritage were identified within the Project area.	Proceed to Question 2c
2c	<i>Are there any landscape features that are likely to indicate the presence of Aboriginal objects?</i> The landform of the Project area is not considered to be archaeologically sensitive and has also been subject to heavy past disturbance, predominantly due to industrial development from the 1970s onwards.	Proceed to Question 3
3	<i>Can harm to Aboriginal objects listed on AHIMS or identified by other sources of information and/or can the carrying out of the activity at the relevant landscape features be avoided?</i> No harm to Aboriginal objects or cultural values have been identified.	Proceed to Question 4
4	<i>Does a desktop assessment and visual inspection confirm that there are Aboriginal objects or that they are likely?</i> No, the visual inspection confirmed that no Aboriginal objects are likely to occur in either surface or subsurface contexts.	Proposed activity can proceed subject to recommendations.

6.2 Recommendations

Based on the key findings and results of the Due Diligence Process Questions presented in Table 4, this Aboriginal Due Diligence Assessment provides the following management recommendations:

1. No Aboriginal heritage constraints have been identified within the Project area in relation to the proposed works. As such, no further heritage assessment is considered warranted;
2. All construction staff should undergo a heritage induction, including information such as the importance of Aboriginal cultural heritage material and places to the Aboriginal community, as well as the legal implications of removal, disturbance and damage to any Aboriginal site; and
3. In the event that Aboriginal items, including possible human skeletal material (remains), are unexpectedly identified during works, all works in the area must cease immediately and a heritage specialist be consulted to assess the significance of the unexpected find and determine appropriate measures to follow. A stop work procedure relating to Aboriginal heritage should be included within the Project's construction management plan and presented during the heritage induction.

6.3 References

- Bannerman, S. M., & Hazelton, P. A. (1990). *Soil Landscapes of the Penrith 1:100 000 Sheet*. Sydney: Soil Conservation Service of NSW.
- Helen Brayshaw Heritage Consultants. (2001). *36-44 Fontenoy Road Macquarie Park Aboriginal Heritage Assessment*.
- HLA-Envirosciences Pty Ltd. (2003). *Indigenous Archaeological Assessment: Eden Gardens Macquarie Park*. Prepared for Pittendrigh Shinkfield Bruce Pty Ltd.
- NSW Department of Environment Climate Change & Water. (2010a). *Aboriginal Cultural Heritage Consultation Requirements for Proponents*. Department of Environment, Climate Change and Water.
- NSW Department of Environment Climate Change & Water. (2010b). *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales*. Department of Environment, Climate Change and Water.
- NSW Department of Environment Climate Change & Water. (2010c). *Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW*. NSW Department of Environment, Climate Change and Water.
- NSW Office of Environment & Heritage. (2011). *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW*. Office of Environment and Heritage.
- Tozer, M. (2003). The Native Vegetation of the Cumberland Plain , Western Sydney: Systematic Classification and Field Identification of Communities. *Cunninghamia*, 8(1), 1–75.

Appendix A – AHIMS Search Results

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : 60628128_1.3

Client Service ID : 519478

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-2584	Shrimptons Creek 1;Macquarie Park (Lane Cove NP); RYDE 005	GDA	56	326234	6261520	Closed site	Valid	Artefact : -	Shelter with Deposit	98744,102489
	<u>Contact</u>	<u>Recorders</u>	Michael Guider,Aboriginal Heritage Office					<u>Permits</u>		
45-6-2585	Shrimpton's Creek 2;Macquarie Park (Lane Cove NP); RYDE 006	GDA	56	326189	6261480	Closed site	Valid	Artefact : -	Shelter with Deposit	98744,102489
	<u>Contact</u>	<u>Recorders</u>	Michael Guider,Aboriginal Heritage Office					<u>Permits</u>		
45-6-2598	CSIRO 3 (CSIRO North Ryde) RYDE 010	GDA	56	328354	6258740	Open site	Valid	Artefact : -	Open Camp Site	4157,102489
	<u>Contact</u>	<u>Recorders</u>	Aboriginal Heritage Office,Ms.Tessa Corkill					<u>Permits</u>		
45-6-2599	CSIRO 2 (CSIRO North Ryde) RYDE 011	GDA	56	328319	6258660	Closed site	Valid	Artefact : -	Shelter with Deposit	4157,102489
	<u>Contact</u>	<u>Recorders</u>	Aboriginal Heritage Office,Ms.Tessa Corkill					<u>Permits</u>		
45-6-2232	Depression Cave;	AGD	56	329290	6259390	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-2233	LBG Creek 1;	AGD	56	329190	6259960	Closed site	Valid	Artefact : -	Shelter with Deposit	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-2234	LBG Creek 2;	AGD	56	329150	6259910	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-2235	LBG Creek 3;	AGD	56	329130	6259860	Closed site	Valid	Artefact : -	Shelter with Deposit	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-2236	Blue Gum Cave;	AGD	56	328320	6259190	Closed site	Valid	Artefact : -	Shelter with Deposit	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-2373	Rocky creek;	AGD	56	331050	6263900	Closed site	Valid	Artefact : -	Shelter with Deposit	
	<u>Contact</u>	<u>Recorders</u>	Val Attenbrow,Doctor.Jo McDonald					<u>Permits</u>		
45-6-2284	Athletics Fields;Lane Cove West;	AGD	56	328490	6258170	Open site	Valid	Grinding Groove : -	Axe Grinding Groove	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-2309	Ermington PS; RYDE 101	GDA	56	321494	6257820	Open site	Valid	Artefact : -	Open Camp Site	102196,102489
	<u>Contact</u>	<u>Recorders</u>	Michael Guider,Aboriginal Heritage Office					<u>Permits</u>		
45-6-2310	Hand Hold Cave;	GDA	56	328738	6258512	Open site	Valid	Artefact : -	Open Camp Site	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-2311	Rope Swing Cave;	GDA	56	328735	6258502	Closed site	Valid	Artefact : -	Shelter with Deposit	

Report generated by AHIMS Web Service on 10/07/2020 for Darran Jordan for the following area at Datum :GDA, Zone : 56, Eastings : 320775 - 332370, Northings : 6257600 - 6264200 with a Buffer of 0 meters. Additional Info : Due diligence assessment. Number of Aboriginal sites and Aboriginal objects found is 102

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : 60628128_1.3

Client Service ID : 519478

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2216	Lane_Cove_#1	GDA	56	328390	6258793	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1899
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2649	Lane Cove River PAD 1	AGD	56	329100	6259180	Open site	Valid	Potential Archaeological Deposit (PAD) : -		
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2653	Eden Gardens PAD RYDE 007	GDA	56	327279	6260615	Open site	Valid	Artefact : 1, Potential Archaeological Deposit (PAD) : -	1470	102489
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2661	Lane Cove PAD 1	AGD	56	329340	6259240	Open site	Valid	Potential Archaeological Deposit (PAD) : -	1613,1685	
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2674	Turranburra.	GDA	56	329589	6258558	Closed site	Valid	Shell : 2		
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2681	PAD B	AGD	56	328150	6258150	Open site	Not a Site	Potential Archaeological Deposit (PAD) : -		
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2272	Mowbray Park 5;	GDA	56	329010	6258450	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-5-2584	LC NPM 1	AGD	56	328710	6259000	Open site	Valid	Shell : -, Artefact : -	Midden	
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-5-2585	LCNPM 2	AGD	56	328350	6259020	Open site	Valid	Shell : -, Artefact : -	Midden	
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2508	Delhi Road; RYDE 008	GDA	56	329264	6259300	Closed site	Valid	Artefact : -	Shelter with Deposit	102489
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-1558	Delhi Road;North Ryde; RYDE 009	GDA	56	329034	6258982	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	102489
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2056	Footbridge Cave;	GDA	56	328261	6258205	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							

Report generated by AHIMS Web Service on 10/07/2020 for Darran Jordan for the following area at Datum :GDA, Zone : 56, Eastings : 320775 - 332370, Northings : 6257600 - 6264200 with a Buffer of 0 meters. Additional Info : Due diligence assessment. Number of Aboriginal sites and Aboriginal objects found is 102

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : 60628128_1.3

Client Service ID : 519478

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-0610	Lane Cove River De Burgh's Bridge	AGD	56	327518	6260868	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1899,98744
	<u>Contact</u>	<u>Recorders</u>	Unknown Author							
45-6-0611	Lane Cove River West Pymble	AGD	56	327715	6261925	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1899,98744
	<u>Contact</u>	<u>Recorders</u>	Charles.D Power							
45-6-0613	Lane Cove River Terrace Road Bradfield	AGD	56	327560	6261150	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1899,98744
	<u>Contact</u>	<u>Recorders</u>	Ms.Bronwyn Conyers							
45-6-0614	North Ryde;Delhi Rd;	AGD	56	328121	6258045	Open site	Valid	Grinding Groove : -	Axe Grinding Groove	
	<u>Contact</u>	<u>Recorders</u>	ASRSYS							
45-6-1893	KP.1.;	AGD	56	326239	6262975	Closed site	Valid	Artefact : -	Shelter with Deposit	
	<u>Contact</u>	<u>Recorders</u>	Margrit Koettig							
45-5-1005	IFCH1	AGD	56	322415	6262289	Open site	Not a Site	Artefact : -	Isolated Find	
	<u>Contact</u>	<u>Recorders</u>	Mr.Geordie Oakes,AECOM Australia Pty Ltd - Sydney,Ms.Tessa Corkill							
45-6-2453	HR6	AGD	56	322400	6263970	Closed site	Valid	Artefact : -, Art (Pigment or Engraved) : -	Shelter with Art,Shelter with Deposit	3484
	<u>Contact</u>	<u>Recorders</u>	Margrit Koettig							
45-6-0626	Pymble;Rocky Creek;	AGD	56	331302	6263777	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>	ASRSYS							
45-6-0627	Pymble;Rocky Creek;	AGD	56	331490	6263506	Open site	Valid	Grinding Groove : -, Art (Pigment or Engraved) : -	Axe Grinding Groove,Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>	Margrit Koettig							
45-6-2209	Carters creek.	AGD	56	328290	6259190	Closed site	Valid	Artefact : -	Shelter with Deposit	1899
	<u>Contact</u>	<u>Recorders</u>	Ms.Bronwyn Conyers,R Pallin							
45-6-2210	Blue Gum creek	AGD	56	329754	6259430	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1899
	<u>Contact</u>	<u>Recorders</u>	Ms.Bronwyn Conyers							
45-6-2211	Lane Cove 3	AGD	56	328780	6258670	Open site	Valid	Shell : -, Artefact : -	Midden	1899
	<u>Contact</u>	<u>Recorders</u>	Ms.Bronwyn Conyers							
45-6-2212	Blue Hole	AGD	56	327310	6260990	Closed site	Valid	Artefact : -	Shelter with Deposit	1899,98744
	<u>Contact</u>	<u>Recorders</u>	Ms.Bronwyn Conyers							

Report generated by AHIMS Web Service on 10/07/2020 for Darran Jordan for the following area at Datum :GDA, Zone : 56, Eastings : 320775 - 332370, Northings : 6257600 - 6264200 with a Buffer of 0 meters. Additional Info : Due diligence assessment. Number of Aboriginal sites and Aboriginal objects found is 102

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : 60628128_1.3

Client Service ID : 519478

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-2215	Terrace Road #2	AGD	56	327610	6261210	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1899,98744
	<u>Contact</u>	<u>Recorders</u>	Ms.Bronwyn Conyers					<u>Permits</u>		
45-6-2103	Magdala park; RYDE 014	GDA	56	327964	6257780	Open site	Valid	Shell : -, Artefact : -	Midden,Open Camp Site	102489
	<u>Contact</u>	<u>Recorders</u>	Michael Guider,Aboriginal Heritage Office					<u>Permits</u>		
45-6-1235	Epping;Lane Cove River;	AGD	56	324644	6262720	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>	ASRSYS					<u>Permits</u>		
45-6-2577	River Bend;	AGD	56	327440	6261060	Open site	Valid	Grinding Groove : -	Axe Grinding Groove	98744
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-1156	Epping;Terrys Creek Cave; RYDE 002	GDA	56	323544	6261450	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	102489
	<u>Contact</u>	<u>Recorders</u>	Mr.R Taplin,Aboriginal Heritage Office					<u>Permits</u>		
45-6-1157	Brown;Cut Inside Cave; RYDE 003	GDA	56	325234	6262680	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	102489
	<u>Contact</u>	<u>Recorders</u>	Mr.R Taplin,Aboriginal Heritage Office					<u>Permits</u>		
45-6-1158	Brown Two Ceiling Domes Cave RYDE 004	AGD	56	325274	6262670	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	102489
	<u>Contact</u>	<u>Recorders</u>	Mr.R Taplin,Aboriginal Heritage Office					<u>Permits</u>		
45-6-2268	Big River Cave;	AGD	56	328890	6258410	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-1348	Mowbray Park;Lane Cove West;Mowbray Park 1.;Chatswood West;	GDA	56	329030	6258405	Closed site	Valid	Shell : -, Artefact : -, Art (Pigment or Engraved) : -	Shelter with Art,Shelter with Midden	1497
	<u>Contact</u>	<u>Recorders</u>	Val Attenbrow,Michael Guider					<u>Permits</u>		
45-6-1353	Swaines Creek;Red Arrow Cave;	GDA	56	329620	6258590	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	2047
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-1354	Sewer Pipe Cave;Stringybark Creek;	GDA	56	328974	6257760	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	<u>Contact</u>	<u>Recorders</u>	Ms.Tessa Corkill					<u>Permits</u>		
45-6-1252	LC#4 Chatswood	AGD	56	328435	6258730	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1899
	<u>Contact</u>	<u>Recorders</u>	P Clark,Ms.Bronwyn Conyers					<u>Permits</u>		
45-6-1946	Blue Gum Creek,.	GDA	56	329645	6259364	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		

Report generated by AHIMS Web Service on 10/07/2020 for Darran Jordan for the following area at Datum :GDA, Zone : 56, Eastings : 320775 - 332370, Northings : 6257600 - 6264200 with a Buffer of 0 meters. Additional Info : Due diligence assessment. Number of Aboriginal sites and Aboriginal objects found is 102

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-1633	Fullers Park Lane Cove River SRA	GDA	56	329804	6259380	Open site	Valid	Shell : -, Artefact : -	Midden	1899
	<u>Contact</u>	<u>Recorders</u>		ASRSYS				<u>Permits</u>		
45-6-1653	Ironbarks	AGD	56	328440	6258840	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>		J Wyeth				<u>Permits</u>		
45-6-0882	Lane Cove River;Gordon;	AGD	56	328134	6263010	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>		Charles.D Power				<u>Permits</u>		
45-6-1953	Pages Creek Cave;	GDA	56	327724	6258540	Open site	Valid	Shell : -, Artefact : -	Midden	102489
	<u>Contact</u>	<u>Recorders</u>		Michael Guider,Aboriginal Heritage Office				<u>Permits</u>		
45-6-1053	Lane Cove River;	AGD	56	326000	6262000	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	98744
	<u>Contact</u>	<u>Recorders</u>		Mr.R Taplin				<u>Permits</u>		
45-6-1054	Lane Cove;Man Goanna Cave;	AGD	56	325690	6263590	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	<u>Contact</u>	<u>Recorders</u>		ASRSYS				<u>Permits</u>	580	
45-6-1078	Pymble;Tin Abraded Cave;RC1;	AGD	56	330834	6263930	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	<u>Contact</u>	<u>Recorders</u>		Doctor.Jo McDonald				<u>Permits</u>		
45-6-1844	Mowbray Park 2, Chatswood west;Chatswood West;	GDA	56	329050	6258380	Closed site	Valid	Artefact : -, Shell : -	Shelter with Deposit,Shelter with Midden	1497
	<u>Contact</u>	<u>Recorders</u>		Val Attenbrow,Michael Guider				<u>Permits</u>		
45-6-1845	Mowbray Park 3, Chatswood west;	AGD	56	328670	6258230	Closed site	Valid	Artefact : -	Shelter with Deposit	1497
	<u>Contact</u>	<u>Recorders</u>		Val Attenbrow				<u>Permits</u>		
45-6-1848	East Killara;	AGD	56	331140	6263000	Open site	Valid	Grinding Groove : -	Axe Grinding Groove	1333
	<u>Contact</u>	<u>Recorders</u>		Warren Bluff				<u>Permits</u>		
45-6-1854	L C/2 Lanecove 2 Epping Road Bridge RYDE 012	GDA	56	328104	6258490	Closed site	Valid	Shell : -, Artefact : -, Art (Pigment or Engraved) : -	Shelter with Art,Shelter with Midden	2383,102489
	<u>Contact</u>	<u>Recorders</u>		Val Attenbrow,Alice Gorman,K Cutmore,Ms.Laila Haglund,Aboriginal Heritage Offic				<u>Permits</u>		
45-6-1855	L C/1 Lanecove 1	AGD	56	327920	6258190	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>		Ms.Laila Haglund				<u>Permits</u>		
45-6-0977	Epping;Lane Cove River; Little bloodwood stump cave RYDE 001	GDA	56	323964	6262130	Closed site	Valid	Artefact : -	Shelter with Deposit	2047,102489
	<u>Contact</u>	<u>Recorders</u>		Val Attenbrow,Aboriginal Heritage Office,Mr.Rick Bullers				<u>Permits</u>		

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : 60628128_1.3

Client Service ID : 519478

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-0978	Lane Cove River: KUR-050	GDA	56	324504	6262690	Open site	Valid	Grinding Groove : -, Water Hole : -	Axe Grinding Groove,Water Hole/Well	
	Contact	Recorders	Mr.Phil Hunt,Mr.R Taplin					Permits		
45-6-0981	Lane Cove River	AGD	56	327792	6260874	Open site	Valid	Grinding Groove : -	Axe Grinding Groove	1899,98744
	Contact	Recorders	Mr.R Taplin					Permits		
45-6-1005	Martins Creek;Lane Cove SRA; RYDE 015	GDA	56	327644	6257600	Open site	Valid	Grinding Groove : -	Axe Grinding Groove	102489
	Contact	Recorders	Michael Guider,J.A Hatfield,Aboriginal Heritage Office					Permits		
45-6-2717	Will-144 Mowbray Park	AGD	56	328660	6258290	Closed site	Valid	Habitation Structure :-		
	Contact	Recorders	David Watts					Permits		
45-6-2718	Will-145 - Mowbray Park	AGD	56	328580	6258330	Open site	Valid	Shell : -		
	Contact	Recorders	David Watts					Permits		
45-6-2911	Cocupara Shelter 1	GDA	56	329599	6260665	Closed site	Valid	Art (Pigment or Engraved) : 1		
	Contact	Recorders	Mr.Phil Hunt,Aboriginal Heritage Office					Permits		
45-6-2213	DeBurghs Bridge	AGD	56	327454	6261230	Closed site	Valid	Artefact : -	Shelter with Deposit	1899
	Contact	Recorders	Ms.Bronwyn Conyers					Permits		
45-6-2214	Commandment Rock(LC#2)	AGD	56	328290	6259580	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1899
	Contact	Recorders	P Clark,Ms.Bronwyn Conyers,D Brown					Permits		
45-6-3004	Stringybark Creek PAD shelter 1 - LCC 079	GDA	56	329644	6257660	Closed site	Valid	Potential Archaeological Deposit (PAD) : -		
	Contact	Recorders	Aboriginal Heritage Office					Permits		
45-6-3005	Stringybark Creek PAD Shelter 2 LCC80	GDA	56	329464	6257740	Closed site	Valid	Potential Archaeological Deposit (PAD) : -		
	Contact	Recorders	Aboriginal Heritage Office					Permits		
45-6-3006	Stringbark Creek PAD Shelter 4 LCC082	GDA	56	329324	6257690	Closed site	Valid	Potential Archaeological Deposit (PAD) : 1		
	Contact	Recorders	Aboriginal Heritage Office					Permits		
45-6-3007	Stringybark Creek PAD Shelter 3 - LCC081	GDA	56	329444	6257720	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	Contact	Recorders	Aboriginal Heritage Office					Permits		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-3008	Stringybark Creek PAD Shelter 5	GDA	56	329274	6257690	Closed site	Valid	Potential Archaeological Deposit (PAD) : 1		
	Contact	Recorders	Aboriginal Heritage Office							
45-6-3009	Stringybark Creek PAD Shelter 6 - LCC 084	GDA	56	329224	6257660	Closed site	Valid	Potential Archaeological Deposit (PAD) : 1		
	Contact	Recorders	Aboriginal Heritage Office							
45-6-3010	Stringybark Creek PAD Shelter 7 - LCC085	GDA	56	329119	6257645	Closed site	Valid	Potential Archaeological Deposit (PAD) : 1		
	Contact	Recorders	Aboriginal Heritage Office							
45-6-3013	Stringybark Creek PAD Shelter 8 - LCC 086	GDA	56	328624	6257885	Closed site	Valid	Potential Archaeological Deposit (PAD) : 1		
	Contact	Recorders	Aboriginal Heritage Office							
45-6-3015	Stringybark Creek PAD Shelter 9 LCC 087	GDA	56	328714	6257860	Closed site	Valid	Potential Archaeological Deposit (PAD) : 1		
	Contact	Recorders	Aboriginal Heritage Office							
45-6-3098	Stringybark Ck PAD Shelter 4	GDA	56	329324	6257690	Open site	Valid	Potential Archaeological Deposit (PAD) : -		
	Contact	Recorders	Aboriginal Heritage Office							
45-6-3067	Crescent 1	GDA	56	322187	6263082	Open site	Valid	Artefact : 1		
	Contact	Recorders	Kelleher Nightingale Consulting Pty Ltd							
45-6-3082	NWRL PAD1	GDA	56	320967	6262938	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	Contact	Recorders	GML Heritage Pty Ltd + Context - Surry Hills							
45-6-3096	Former Channel 7 site Mobbs Ln	GDA	56	321136	6260245	Open site	Valid	Artefact : 1		
	Contact	Recorders	Doctor.Alan Williams							
45-6-3105	Canoon Rd Grooves 1 KUR143	GDA	56	324284	6264100	Open site	Valid	Grinding Groove : -		
	Contact	Recorders	Aboriginal Heritage Office							
45-6-3042	Eden Ave Groove 1 KUR 052	GDA	56	325374	6262955	Open site	Valid	Grinding Groove : 1		
	Contact	Recorders	Aboriginal Heritage Office							
45-6-3043	Little Blue Gum Shelter PAD 1 KUR 082	GDA	56	329434	6260370	Closed site	Valid	Potential Archaeological Deposit (PAD) : 1		

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Extensive search - Site list report

Your Ref/PO Number : 60628128_1.3

Client Service ID : 519478

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3083	Crescent 3	GDA	56	321838	6263337	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3588	Upper Gordon Creek - 1 KUR 161	GDA	56	331015	6262485	Closed site	Valid	Art (Pigment or Engraved) : 1		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2765	LCC 077 Pumphouse Shelter	AGD	56	328185	6257765	Open site	Valid	Habitation Structure : 1		
	<u>Contact</u> S Scanlon	<u>Recorders</u>						<u>Permits</u>		
45-6-2949	M2A1	GDA	56	323895	6262241	Open site	Valid	Grinding Groove : 1		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3114	Epping to Thornleigh Third Track Unexpected Find 1	GDA	56	322194	6263106	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3136	Terrys Creek Shelter PAD1	GDA	56	323515	6261475	Open site	Valid	Potential Archaeological Deposit (PAD) : -		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3117	Crescent 2 (C2)	GDA	56	322259	6262900	Open site	Valid	Artefact : 1		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3336	Little Blue Gum Shelter PAD 2	GDA	56	329430	6260240	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3319	Mowbray Park PAD4 WILL214	GDA	56	328850	6258435	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3320	Mowbray Park PAD5 WILL215	GDA	56	329200	6258330	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3321	Mowbray Park PAD3 WILL213	GDA	56	328735	6258510	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3795	Avian Cres PAD 1 WILL181	GDA	56	328675	6258385	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		

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<u>SiteID</u>	<u>SiteName</u>	<u>Datum</u>	<u>Zone</u>	<u>Easting</u>	<u>Northing</u>	<u>Context</u>	<u>Site Status</u>	<u>SiteFeatures</u>	<u>SiteTypes</u>	<u>Reports</u>
45-6-3796	Avian Cres PAD 2 WILL182	GDA	56	328645	6258375	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u>			<u>Recorders</u>	Mr.Phil Hunt			<u>Permits</u>		

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Appendix B – Metropolitan Local Aboriginal Land Council report



**Metropolitan Local Aboriginal Land
Council**

72 Renwick Street Redfern NSW 2016
PO Box 1103 Strawberry Hills NSW 2012
Telephone: (02) 8394 9666 Fax: (02) 8394
9733 Email: bookings@metrolalc.org.au

Tuesday 15th September 2020

Dr. Darran Jordan
Principal Archaeologist
ANZ Heritage Technical Group Leader
AECOM
Level 21, 420 George Street, Sydney, NSW 2000
PO Box Q410, QVB PO, Sydney, NSW, 1230

11-17 Khartoum Road and 33-39 Talavera Road, Macquarie Park, NSW

Dear Darran

Site Visit

On Tuesday 15th September 2020, I Selina Timothy as representative of Metropolitan Local Aboriginal Land Council. I participated in a site inspection survey at the above property to determine the purpose of identifying any Aboriginal sites of Cultural and Heritage values. The entire premises were assessed at this time with Darran Jordan and Jamie McMahon.

Property/Inspection Description

Inspection for the proposed upgrade works of the Stockland premises new offices development between 11-17 Khartoum Road and 33-39 Talavera Road in Macquarie Park NSW.

MLALC notes that the site is known to be of high Cultural significance to Wuttumattagul the Traditional Aboriginal people of the locality and they would have used the area in the past as an important place of trade gatherings.

The indication of Aboriginal occupations elsewhere in the vicinity is obvious with the surrounding landscape usage and the significance for Aboriginal people past and present.

All parts of Sydney hold significance to Aboriginal people and the preservation and conservation of some sites are of high importance for our connection to Country.

MLALC would like to request and propose a need for Aboriginal language to be utilized in any visual interpretation, naming conventions and/or outputs that stemmed from the project and to have native plant with seasonal fruits in the landscaping and as mentioned Aboriginal words to be used in the Garden.

Aboriginal Heritage

There are no Aboriginal archaeological constraints to the proposed development of the premises of the new development.

However In the unexpected circumstances that Aboriginal significant objects are exposed in the future development of works being carried out, activities should temporarily cease and OEH be contacted to advise on appropriate course of action and to allow MLALC representative to record and collect the identified items.

Aboriginal people have used the area in the past as important place of trade and gatherings the indication is present of Aboriginal occupations within the vicinity this is obvious with the surrounding landscape usage such as important sites nearby such as the Creek for fresh water and the significance for Aboriginal people past and present still remains.

All parts of the Sydney area hold significance and it's important for the preservation and conservation of cultural significance sites to remain and not to be destroyed or damaged as they are of great importance for the connection to country both on Land and Sea.

Aboriginal Cultural Heritage Management Recommendations

- Bring together various stakeholders and groups to work collectively towards the goal and aims of Aboriginal Cultural Heritage management.
- Use cultural awareness training to reinforce community understanding of Aboriginal sites.
- Ensure Aboriginal sites are regularly monitored and maintained. The maintenance and monitoring of sites should be done by Cultural Heritage officers in collaboration with the local Aboriginal community.

Consultation Process

- Providing relevant information about Cultural significance and values of Aboriginal objects and/or places.
- Influencing the design of the method to assess cultural and scientific significance of Aboriginal objects and/or places.
- Actively contributing to the development of Cultural Heritage management options and recommendations for any Aboriginal objects and/or places within the proposed subject area.
- Commenting on draft assessment reports before they are submitted by the proponent to the DPIE.

Conclusion and Recommendations

If any cultural materials are unearthed during any stages of the proposed development, then all works are to cease and MLALC and Darran Jordan of AECOM Australia to be contacted immediately.

Cultural significant objects found during works carried out are to be cared, respected, and recorded in the correct way.

After proposed Stockland offices is finalised, MLALC suggestions of landscapes of native vegetation be planted and suggestions of Wallumattagal and or Gadigal local Aboriginal language names of the area to be used as interpretation panels/signs be erected to ensure we show appropriate acknowledgement ,respect and care of the land on which we live/work and study on.

Cultural significance objects found during works carried out should be cared, respected, and recorded in a correct manner in accordance with guidelines. MLALC requests either I or another MLALC representatives be present for any earth works.

If you require further information, please do not hesitate in contacting the MLALC Office for further assistance.

Regards

Selina Timothy

Culture and Heritage Officer