

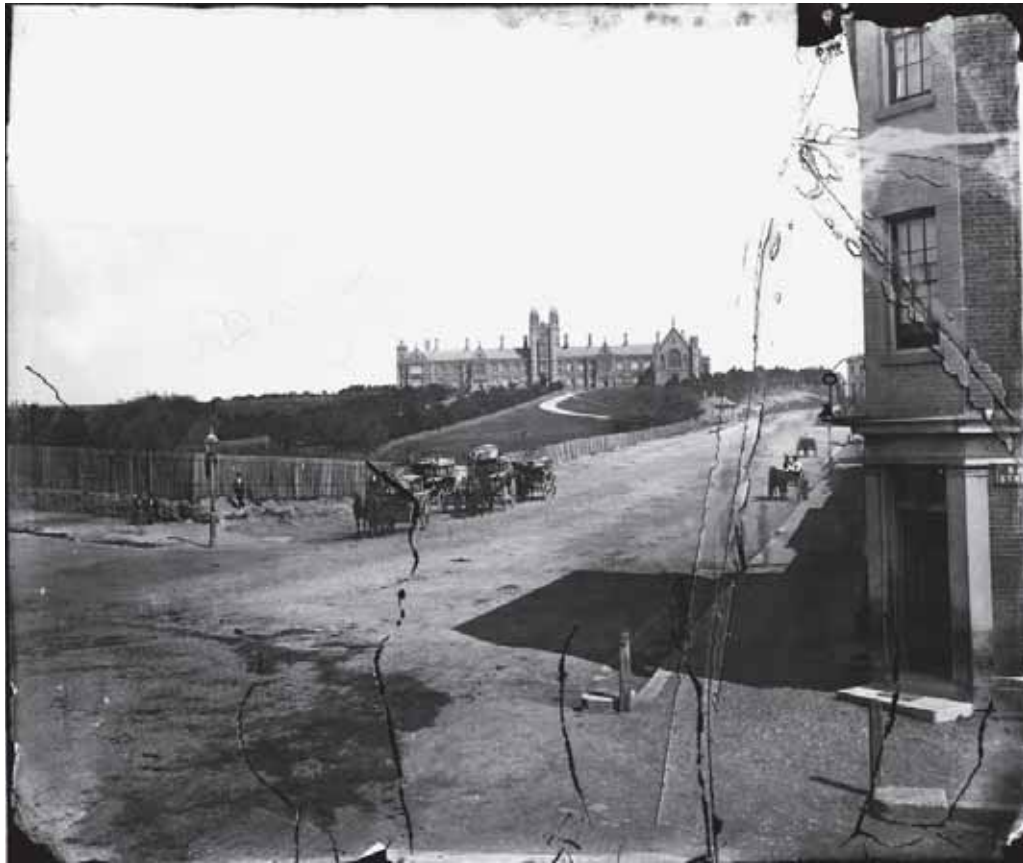


Figure 15. *Horsedrawn omnibuses, cnr Parramatta Rd and Bay St with Sydney University on the skyline 1870-1875 (Source: State Library of NSW Digital Order No a2825373).*



Figure 16. *Fishing in Victoria Park, with the Quad building located in the background 1930-1939. (Source: Mitchell Library/Hood/03139).*

5 ETHNOGRAPHIC BACKGROUND

5.1 A Further Approach to Ethnographic Research

To assist in the development of Aboriginal Cultural Heritage Assessments, AHMS has initiated a mapping project to explore early historical texts and diaries to identify spatial locations where Aboriginal activities were observed. The AHMS project 'Mapping Sydney's Aboriginal Past' provides a spatial understanding of Aboriginal activity around the point of contact. It consists of an interactive map, a searchable database of site-specific ethnographic evidence, and a range of other tools which bring a spatial perspective to the primary sources (**Figures 17 and 18**).

The database was created by systematically reviewing the early primary sources for the Sydney region and plotting any site-specific ethnographic evidence on an interactive map. The area of study extended from the Hunter River in the north to Jervis Bay in the south, and as far west as the Lachlan River. The sources consulted ranged from James Cook's visit to Botany Bay in 1770 through to Missionary James Backhouse's visit to the colony in 1835-1837. In total, this project reviewed over fifty primary sources, including all major First Fleet journals and all relevant volumes of the Historical Records of Australia.

The criteria for adding information to the database was threefold. It needed to:

- be from a primary source;
- contain evidence of Aboriginal activity; and
- be able to be pinned down to a specific point or a small area on a map.

Each entry was recorded using the same structure, including a quick summary remark, key words, location information, quotes and references, and additional details and interpretation.

The survey produced over two hundred and seventy plotted markers, with an average length of five hundred words per entry. These included seven Aboriginal tracks, covering a combined distance of over one hundred kilometres, and thirty-five historical paintings and engravings. The database also includes sixteen historical maps overlaid onto the Sydney area, archaeological site data, and the locations and 'boundaries' of particular 'tribes' and 'clans' as interpreted by Val Attenbrow (2010), Arthur Capell (1970), Joan Goodrum (in Mulvaney & Ross 1987), James Kohen (1993) and Anne Ross (1988).

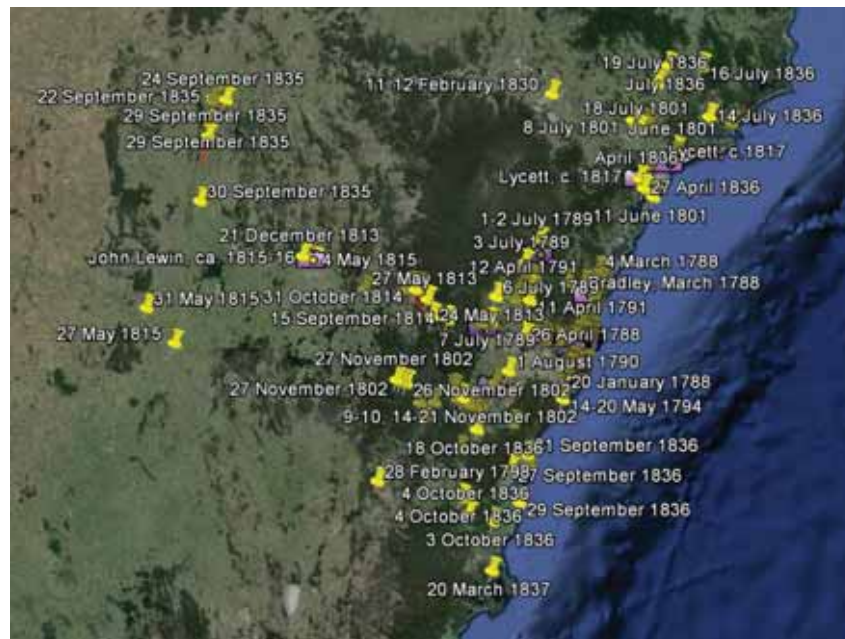


Figure 17. An overview of AHMS' ethnographic mapping program.

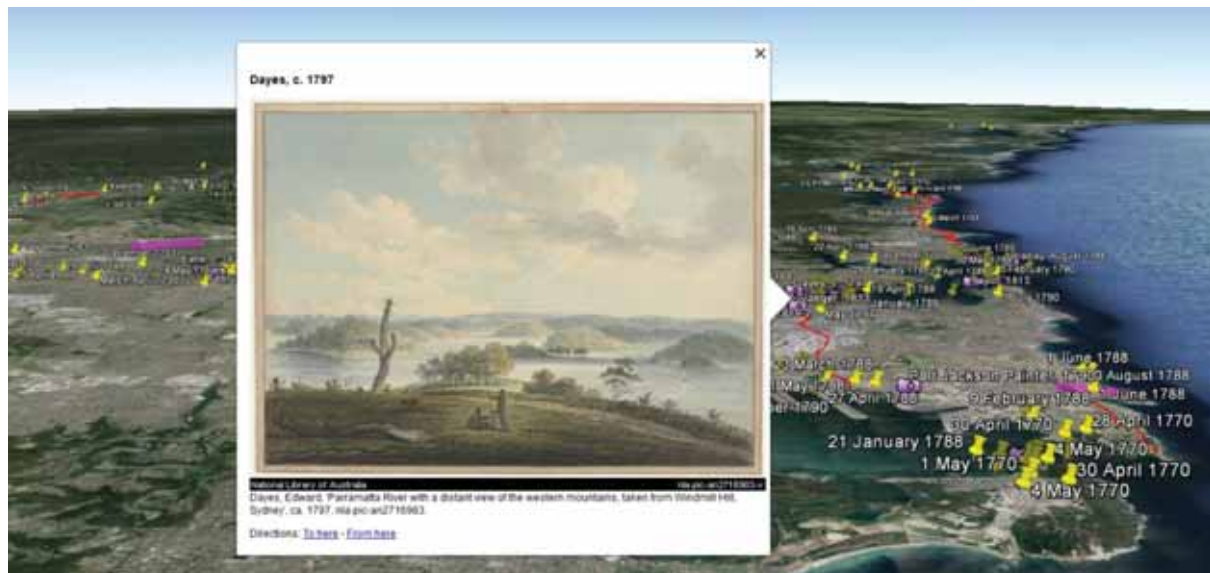


Figure 18. An example of some of the information within the AHMS' ethnographic mapping program.

5.2 Regional Context

For thousands of years prior to European settlement the Sydney Basin was used and occupied by Aboriginal people. The Sydney Basin (within which the subject area is located) consisting of creeks, swamps, floodplains and woodlands provided Aboriginal people with a variety of occupation areas containing a range of rich resources. As such Aboriginal sites across the Sydney Basin provide tangible evidence of past use and occupation of the area, as well as an on-going link with its long Indigenous history.

The AHMS project 'Mapping Sydney's Aboriginal Past' uses early historical texts and diaries to provide a spatial understanding of Aboriginal activity. It consists of an interactive map and searchable

database of site-specific ethnographic data as well as a range of other tools that can be used to bring a spatial perspective to the primary sources.

The findings from this project indicate that:

- In 1788 there were over 30 individual Aboriginal groups in the Sydney area. Each group had their own practices, dress, diets, dialects and country; these groups are known as clans. In addition to this, these clans identified with tribes based on broader cultural-linguistic groups.
- Clans consisted of between 30-50 people and lived within their own territory. They occasionally met with other clans to fight, hunt, trade, resolve disputes, arrange marriages, conduct ceremonies and share information.
- Clans located along the coast made extensive use of the sea as their major resource harvesting shellfish from the shore and fishing. Botany Bay was a focal point for this type of activity with the highest density of plotted ethnographic sources in the Sydney Basin coming from this location.
- Clans located inland also fished in lagoons for mullet and eels; however their main resource came from yams and worms which were taken from the river banks and river driftwood.
- Fire was another resource used extensively by Aboriginal people in a range of contexts including to treat wood, melt resin and crack stone for tools; to drive animals into the paths of hunters and then to cook the kill; to keep warm at night and as a torch for the next day; and to open paths and clean country.
- The landscape of the Sydney Basin is criss-crossed with Aboriginal paths connecting the various communities; many of these paths were to become roads.
- It was on these paths that the smallpox virus was transported throughout the Sydney Basin area in 1789. This outbreak decimated the Aboriginal population causing major reorganisation of the traditional clans.

5.3 Local Aboriginal History

The subject area lies within the traditional country of the Darug language group of Aboriginal people. The Cumberland subregion of the Sydney Basin Bioregion is thought to be largely consistent with the territory of the Darug people (Brown 2010; Attenbrow 2010).

The Cumberland Plain provided a range of resources through its woodland, freshwater creeks (e.g. South Creek and Eastern Creek), wetlands and rivers. David Collins commented on the different foraging strategies adopted by people identifying as separate cultural groups to coastal groups during the early years of European settlement (Collins 1798, Vol 1, Appendix IV):

The natives who live in the woods and on the margins of rivers are compelled to seek a different subsistence [to those on the coast], and are driven to a harder exercise of their abilities to procure it. This is evinced in the hazard and toll with which they ascend the tallest trees after the opossum and flying squirrel [gliders]. At the foot of Richmond Hill, I once found several places constructed expressly for the purpose of ensnaring animals or birds.

...By the sides of lagoons I have met with holes which, on examining, were found excavated for some space, and their mouths so covered over with grass, that a bird or beast stepping on it would inevitably fall in, and from its depth be unable to escape.

In an excursion to the Hawkesbury, we fell in with a native and his child on the banks of one of the creeks of that noble river. We had Cole-be with us [a Cadigal clansman from the coastal sandstone country of Sydney's east], who endeavoured, but in vain, to bring him to a conference; he launched his canoe, and got away as expeditiously as he could, leaving behind him a specimen of his food and the delicacy of his stomach; a piece of water-soaked wood (part of the branch of a tree) full of holes, the lodgement of a large worm, named by them cah-bro [cobra or Teredo spp.; a type of burrowing mollusc known as shipworm]

...They resort at a certain season of the year (the month of April) to the lagoons, where they subsist on eels which they procure by laying hollow pieces of timber into the water, into which the eels creep, and are easily taken.

These wood natives also make a paste formed of the fern-root and the large and small ant bruised together; in the season they also add the eggs of this insect.

The Darug language group or tribe covers a large area and as such local knowledge was held and transmitted by separate clan groups. A review of historical documents presented by Attenbrow (2010), Kohen (1993) and Goodrum (1987), indicates that the *Warrawarry* were active within the study area.

A search of AHMS' ethnographic database reveals no specific observations within the University of Sydney grounds. However, the relationship between the creeks that ran through the university and their terminations at Blackwattle Bay (1.2km away) and Port Jackson (approximately 3km away) demonstrates the dynamic landscape in which the university forms a part. The database showed three ceremonial areas and one incidence of violence directed at European settlers/convicts from Aboriginal people (**Figure 17**). These are described below.

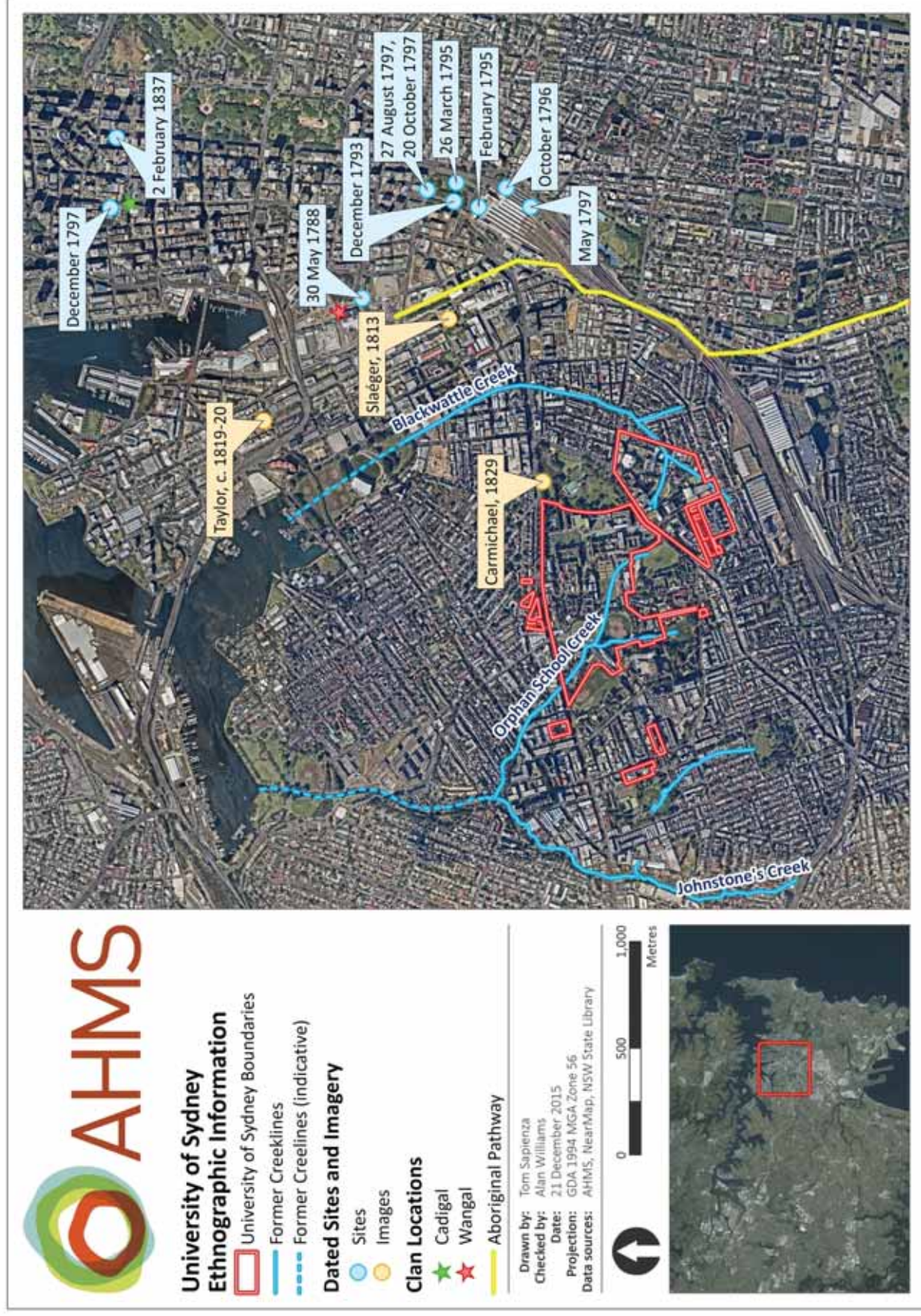


Figure 19. Search of the AHMS ethnographic database for the subject area.

Date: **30 May 1788**

Summary: Killing of convicts Samuel Davis and William Okey

Keywords: spearing; canoe property; axe

Location: 33°52'38.70"S, 151°12'7.38"E

Accuracy: Within 500 metres

Source: Arthur Phillip to Lord Sydney, 9 July 1788, Historical Records of Australia, Series 1, Volume 1 (Sydney: William Applegate Guillick, Government Printer, 1914); David Collins, *An Account of the English Colony in New South Wales*, Volume 1 (London: T. Cadell Jun. and W. Davies, 1798), Chapter III; William Bradley, *A Voyage to New South Wales*, December 1786 - May 1792: The Journal of Lieutenant William Bradley of HMS Sirius (Sydney: Ure Smith Pty Limited, 1969), 30 May 1788; John White, *Journal of a Voyage to New South Wales* (London: J. Debrett, 1790), 30 May 1788; Newton Fowell, *The Sirius letters: the complete letters of Newton Fowell, midshipman & lieutenant aboard the Sirius flagship of the first fleet on its voyage to New South Wales*, edited & with commentary by Nance Irvine (Sydney: Fairfax Library, 1988), 30 May 1788, Letter 10. Sydney Cove in Port Jackson July 12. 1788; John Campbell, Letter to Lord Ducie, 12 July 1788, Sydney, Mitchell Library, Manuscript, MLMSS 5366 (Safe 1 / 123).

Quotes: Phillip to Sydney, 9 July 1788: The 30th of May two men [Samuel Davis and William Okey] employed collecting thatch at some distance from the camp were found dead; one of them had four spears in him, one of which had passed through his body; the other was found at some distance dead, but without any apparent injury. This was a very unfortunate circumstance, and the more, as it will be impossible to discover the people who committed the murder, and I am still persuaded the natives were not the aggressors. These men had been seen with one of their canoes, but I was not informed of that circumstance for some days.

Collins: On the 30th an officer, who had been collecting rushes in a cove up the harbour, found and brought to the hospital the bodies of two convicts who had been employed for some time in cutting rushes there, pierced through in many places with spears, and the head of one beaten to a jelly. As it was improbable that these murders should be committed without provocation, inquiry was made, and it appeared that these unfortunate men had, a few days previous to their being found, taken away and detained a canoe belonging to the natives, for which act of violence and injustice they paid with their lives. Notwithstanding these circumstances, a party of natives in their canoes went alongside the Sirius, and some submitted to the operation of shaving: after which they landed on the western point of the cove, where they examined everything they saw with the greatest attention, and went away peaceably, and apparently were not under any apprehension of resentment on our parts for the murders abovementioned.

Bradley: Capn Campbell going to the SW arm with Boats to bring down rushes for thatching his House, on landing at the place where two Convicts had been left with a tent for the purpose of cutting those rushes, he found the Tent but not the Men, finding some blood near the Tent he followed it to the Mangrove bushes where they found both Men dead & laying at some distance from each other; One of them had 3 Spears in him & one side of his head beat in: The other Man had no apparent wound but a blow on the fore head.

White: 30th May. Captain Campbell of the marines, who had been up the harbour to procure some rushes for thatch, brought to the hospital the bodies of William Okey and Samuel Davis, two rush-cutters, whom he had found murdered by the natives in a shocking manner. Okey was transfixed through the breast with one of their spears, which with great difficulty and force was pulled out. He had two other spears sticking in him to a depth which must have proved mortal. His skull was divided and comminuted so much that his brains easily found a passage through. His eyes were out, but

these might have been picked away by birds. Davis was a youth, and had only some trifling marks of violence about him. This lad could not have been many hours dead, for when Captain Campbell found him, which was among some mangrove-trees, and at a considerable distance from the place where the other man lay, he was not stiff nor very cold; nor was he perfectly so when brought to the hospital. From these circumstances we have been led to think that while they were dispatching Okey he had crept to the trees among which he was found, and that fear, united with the cold and wet, in a great degree contributed to his death. What was the motive or cause of this melancholy catastrophe we have not been able to discover, but from the civility shewn on all occasions to the officers by the natives, whenever any of them were met, I am strongly inclined to think that they must have been provoked and injured by the convicts

Fowell: 30th. Three Natives came alongside in their Canoes & Stayed near two hours they were very much Surprized at the Ships head which is an Image. In the Afternoon two Convicts who were sent to cut rushes were found murdered by the Natives who had thrown Several Spears in them one of them had a large piece of Scull cut out of his forehead Supposed to have been done with an Axe which they carried with them to build a Hutt.

Campbell: I stumbled upon the bodies of two of our Convicts who had been sent out by the Govr to cut Rushes. I never saw a more shocking sight - the skulls of both were fractured, one quite open with no less than seven Spears through the body.

Details: This retribution followed the killing of a Aboriginal man in a canoe near the farm of marine commander Major Robert Ross.

Interpretation: The scene of attack was probably near the head of Cockle Bay, not, as traditionally supposed, at Rushcutters Bay. This is suggested by the phrase 'up the harbour' used by Worgan and supported by the route of the punitive expedition.

Date: **31 May 1788**

Summary: Aboriginal track

Location: Leading away from Cockle Bay and the site where convicts Samuel Davis and William Okey were killed.

Sources: William Bradley, *A Voyage to New South Wales, December 1786 - May 1792: The Journal of Lieutenant William Bradley of HMS Sirius* (Sydney: Ure Smith Pty Limited, 1969), 31 May 1788; Watkin Tench, *A Narrative of the Expedition to Botany Bay* (London: Prepared J. Debrett, 1789), Chapter IX, January-February 1788; David Collins, *An Account of the English Colony in New South Wales, Volume 1* (London: T. Cadell Jun. and W. Davies, 1798), Chapter VI; John Hunter, *An Historical Journal of the Transactions at Port Jackson and Norfolk Island* (London: Printed for John Stockdale, 1793), September 1789.

Quotes: Bradley: Saturday. 31 May 1788: The Governor with a party went to the place where the two Men had been killed by the Natives, the boat returned leaving them in a Natives path which they meant to follow until they met with the Natives.

Sunday. 1st June. The Governor & party return'd by land to Sydney Cove: He had followed the path to the NW arm of Botany Bay, met with a party of Armed Natives of 210; The Governor & one of their principal people, met unarmed, one of the Natives advanced to shew a wound which he had received in the shoulder apparently with an Axe; they were all friendly, the Women shew'd every disposition to be very familiar; a quantity of dried fish was found among these people & bones which from the size were supposed to belong to the Kangaroo. Orders were this day given, that no party under 6 armed Men were to go into the woods on account of the Natives being so numerous.

Tench, February 1788: In spite, however, of all our precautions, they soon found the road to Botany Bay, in visits to the French, who would gladly have dispensed with their company.

Collins, March 1789: Immediately on this being known in the settlement, an armed party was sent out with an officer, who found the body of the man that had been killed, stripped, and lying in the path to Botany Bay.

Hunter, September 1789: this route being now well known, and the path well trodden, it was not an unpleasant walk.

Other: This route is marked in as a path on Charles Grimes' map 'A topographical plan of the settlements of New South Wales, including Port Jackson, Botany Bay and Broken Bay', 1799. MAP RM 711. See also Paul Carter, *The Road to Botany Bay* (London: Faber and Faber Ltd, 1987).

Date: **December 1793**

Summary: Description of ceremonial site

Key words: ceremonial site; rites; performance; Cammerray; Carradah; Midjer Bool;

Location: 33°52'52.87"S, 151°12'24.73"E

Accuracy: Within 1km - a clear spot between the town and the brickfield

Source: David Collins, *An Account of the English Colony in New South Wales, Volume 1* (London- T. Cadell Jun. and W. Davies, 1798), December 1793.

Quotes: The natives who lived about Sydney appeared to place the utmost confidence in us, choosing a clear spot between the town and the brickfield for the performance of any of their rites and ceremonies; and for three evenings the town had been amused with one of their spectacles, which might properly have been denominated a tragedy, for it was attended with a great effusion of blood. It appeared from the best account we could procure, that one or more murders having been committed in the night, the assassins, who were immediately known, were compelled, according to the custom of the country, to meet the relations of the deceased, who were to avenge their deaths by throwing spears, and drawing blood for blood. One native of the tribe of Cammerray, a very fine fellow named Carradah*, who had stabbed another in the night, but not mortally, was obliged to stand for two evenings exposed to the spears not only of the man whom he had wounded, but of several other natives. He was suffered indeed to cover himself with a bark shield, and behaved with the greatest courage and resolution. Whether his principal adversary (the wounded man) found that he possessed too much defensive skill to admit of his wounding him, or whether it was a necessary part of his punishment, was not known with any certainty; but on the second day that Carradah had been opposed to him and his party, after having received several of their spears on his shield, without sustaining any injury, he suffered the other to pin his left arm (below the elbow) to his side, without making any resistance; prevented, perhaps, by the uplifted spears of the other natives, who could easily have destroyed him, by throwing at him in different directions. Carradah stood, for some time after this, defending himself, although wounded in the arm which held the shield, until his adversaries had not a whole spear left, and had retired to collect the fragments and piece them together. On his sitting down his left hand appeared to be very much convulsed, and Mr. White was of opinion that the spear had pierced one of the nerves. The business was resumed when they had repaired their weapons, and the fray appeared to be general, men, women, and children mingling in it, giving and receiving many severe wounds, before night put an end to their warfare.

What rendered this sort of contest as unaccountable as it was extraordinary was, that friendship and alliance were known to subsist between several that were opposed to each other, who fought with all

the ardour of the bitterest enemies, and who, though wounded, pronounced the party by whom they had been hurt to be good and brave, and their friends. Possessing by nature a good habit of body, the combatants very soon recovered of their wounds; and it was understood, that Carradah, or rather Midjer Bool, had not entirely expiated his offence, having yet another trial to undergo from some natives who had been prevented by absence from joining in the ceremonies of that evening.

[* So he was called among his own people before he knew us; but having exchanged names with Mr. Ball (who commanded the Supply) he went afterwards by that name, which they had corrupted into Midjer Bool.]

Details:

Interpretation: Collins records in December 1793 that some Aboriginal people had chosen 'a clear spot between the town and the brickfield for the performance of any of their rites and ceremonies'. This ground continued to be used as a ceremonial site and as 'a place whence they [Aboriginal people] derived so many comforts, and so much shelter in bad weather'. (Collins, October 1796)

Other: In April 1794, Midjer Bool (Carradah) is killed and his body cremated. Collins, Vol 1, April 1794: At Sydney a large party of natives assembled for the purpose of burning the body of Carradah, the native mentioned in the transactions of the month of December last, by the name of Midjer Bool. He had been put to death while asleep in the night by some people who were inimical to his tribe; and the natives who witnessed the performance of the last rite assured us, that when the murderers should be discovered several severe contests would ensue.

Date: **February 1795**

Summary: Contest/trial

Key words: Gòmè-boak; contest; ceremonial site; fight

Location: 33°52'56.65"S, 151°12'23.63"E

Accuracy: Within 1km - near the brick-fields

Source: David Collins, *An Account of the English Colony in New South Wales*, Volume 1 (London- T. Cadell Jun. and W. Davies, 1798), February 1795.

Quotes: About the latter end of the month the natives adjusted some affairs of honour in a convenient spot near the brick-fields. The people who live about the south shore of Botany Bay brought with them a stranger of an extraordinary appearance and character; even his name had something extraordinary in the sound — Gòmè-boak. He had been several days on his journey from the place where he lived, which was far to the southward. In height he was not more than five feet two or three inches; but he was by far the most muscular, square, and well-formed native we had ever seen. He fought well; his spears were remarkably long, and he defended himself with a shield that covered his whole body. We had the satisfaction of seeing him engaged with some of our Sydney friends, and of observing that neither their persons nor reputations suffered any thing in the contest. When the fight was over, on our praising to them the martial talents of this stranger, the strength and muscle of his arm, and the excellence of his sight, they admitted the praise to be just (because when opposed to them he had not gained the slightest advantage); but, unwilling that we should think too highly of him, they assured us, with horror in their countenances, that Gòmè-boak was a cannibal.

Details:

Interpretation: Collins records in December 1793 that some Aboriginal people had chosen 'a clear spot between the town and the brickfield for the performance of any of their rites and ceremonies'. This ground continued to be used as a ceremonial site and as 'a place whence they [Aboriginal people] derived so many comforts, and so much shelter in bad weather'. (Collins, October 1796)

Date: **October 1796**

Summary: Description of well-used Aboriginal site

Key words: Bennelong; killing; gathering; shelter in bad weather; comforts; significant site

Location: 33°53'0.91"S, 151°12'27.03"E

Accuracy: within 1 km - 'the brickfields'

Source: David Collins, *An Account of the English Colony in New South Wales From Its First Settlement, in January 1788, to August 1801, Volume 2* (London: T. Cadell Jun. and W. Davies, 1802), Chapter I, October 1796.

Quotes: In the course of this month, Bennillong, who had returned to all the habits of savage life, claimed the protection of the governor from the menaces of several of his countrymen, who, he with much agitation informed him, had assembled in a considerable body near the Brickfields [adjacent to the town of Sydney.], to lie in wait for him; and where, if possible, they intended to kill him; he having, as they suspected, killed a man near Botany Bay. This he positively denied having done, and the governor dispatched him to the place, guarded by some of the military, where he explained to his countrymen that he had not killed the man in question, or any man; and that the soldiers were sent with him, to convince them that the governor would not suffer him, his old friend and fellow voyager (it must be remembered that Bennillong returned from England with the governor in His Majesty's ship *Reliance*), to be ill treated by them on any false pretence; and that he was determined to drive every native away from Sydney who should attempt it. This threat had a good effect. Many of them were much alarmed when they saw in what manner and by whom Bennillong was attended; and to be driven from a place whence they derived so many comforts, and so much shelter in bad weather, would have been severely felt by most of them.

Details:

Interpretation: Collins records in December 1793 that some Aboriginal people had chosen 'a clear spot between the town and the brickfield for the performance of any of their rites and ceremonies'. This ground continued to be used as a ceremonial site and as 'a place whence they [Aboriginal people] derived so many comforts, and so much shelter in bad weather'. (Collins, October 1796)
Other:

Date: **27 August 1797, 20 October 1797**

Summary: Aboriginal trial/contest.

Key words: trial; contest; spear; shield; Bennelong; ceremonial site

Location: 33°52'48.85"S, 151°12'26.95"E

Accuracy: Presumed to have taken place at the ceremonial site near the brickfields

Source: David Collins, *An Account of the English Colony in New South Wales From Its First Settlement, in January 1788, to August 1801*, Volume 2 (London: T. Cadell Jun. and W. Davies, 1802), August, October 1797.

Quote: August) No circumstance deserving of attention had occurred for some time among the natives. On the 27th of this month, however, one of their young men stood the trial practised by his countrymen, for having, as it was said, killed some person in a quarrel. He stood manfully up against all their spears, and defended himself with great skill and address. Having had two shields split in his hand, by the spear passing quite through them, his friends, who were numerous, attacked his opponents, whom they disarmed, and broke their shields, with many of their spears.

It had been intended to have thrown some spears at Bennillong at this time, from its having been reported that a woman, when she was dying, had declared she dreamed that Bennillong had killed her. Her friends, therefore, resolved to call him to an account, taking the business up on the supposition that the woman must have had some cause of complaint against him, or she would not have dreamed of his doing her an injury. To this accusation Bennillong pleaded not guilty, declaring that he was an entire stranger to the woman, and had never in his life offended her; but there were some who said that he actually wounded this very woman, and had been the cause of her death.

On the 20th of October, the settlement were spectators of a severe contest which took place between two parties of natives; one of which was desirous of revenging the death of a friend, who had been killed by some native of a part of the country from which a young man had just then accidentally come amongst them. He was therefore immediately devoted to their vengeance. Finding their determination, he most gallantly stood up, and, being attacked by numbers, defended himself with the greatest bravery and address, until, being wounded in several places, he fell. As he lay upon the ground, several of his opponents treacherously rushed in upon him, and stabbed him repeatedly with a pointed stick, which they call a Doo-ul. In this situation he endeavoured to cover himself with his shield, on which, having risen from the ground, and being again attacked, he received their spears for some time with great dexterity, until someone, less brave and more treacherous than the rest, took a station unobserved on one side, and launched a spear, which went into his back and there remained. Seeing this, they were proceeding a second time to rush in upon him, when he had just strength enough left to make his escape into an adjoining house, where he received shelter, and from the severity of his wounds immediately fainted. The spear was withdrawn, and his wounds dressed, by one of the surgeons who happened to be present; and in a few days he was able to walk about again. His brother, who had accompanied him to the field of battle, stood up in his defence, and was wounded in the leg and thigh. The principal sufferer in this affair was known in the settlement by the name of William and Ann (corrupted by their pronunciation to Wil-lam-an-nan) which he had adopted from a ship of the same name that arrived here in the year 1791. Several of their women attended upon this occasion, and, as is common with them, howled and cried alternately during the most of the time; but when they were enraged, which often happened, they danced, and beat their sides with their arms; a certain proof of their passions being wrought up to the highest pitch.

5.4 Recent Aboriginal History

In recent times the University of Sydney has continued to play a role in the unfolding Aboriginal history of NSW, including the Sydney University's Women's Society and Freedom Ride.

5.4.1 The Settlement

Originally formed as the Sydney University Women's Society, it was established in 1891 with the object of assisting "anyone requiring and deserving help". It was later re-named Sydney University Settlement Neighbourhood Centre, and it now works primarily with the Aboriginal community and other disadvantaged groups in Chippendale, Redfern, Darlington and Waterloo.

The University Settlement purchased a property at Chippendale with the financial assistance of Dorette (Dorothea) Margarethe Maccallum. This property has played an important historical role in the local community including the Aboriginal community of Chippendale/Redfern.

5.4.2 Student Action for Aborigines

In 1965, thirty Sydney University students, led by Aboriginal activist Charles Perkins, began a 3,200 km 'Freedom Ride' to expose discrimination in rural New South Wales.

The original Freedom Riders included: Charles Perkins, Gary Williams, Aidan Foy, Alan Outhred, Alex Mills, Ann Curthoys, Barry Corr, Beth Hansen, Bob Gallagher, Brian Aarons, Chris Page, Colin Bradford, Darce Cassidy, David Pepper, Derek Molloy, Hall Greenland, Helen Gray, Jim Spigelman, John Butterworth, John Gowdie, John Powles, Judith Rich, Louise Higham, Machteld Hali, Norm Mackay, Paddy Dawson, Pat Healy, Ray Leppik, Rick Collins, Robyn Iredale, Sue Johnston, Sue Reeves, Warwick Richards and Wendy Golding. Most of these were students at the University of Sydney. They were joined by numerous Aboriginal communities and also both national and international sympathizers who helped further their cause, eventually cumulating in the 1967 referendum.

The Freedom Ride was organised by a group of students at the university i.e Student Action for Aborigines (SAFA). The aims of the SAFA were:

- *To arouse to public attention the fundamental Aboriginal problems in health, education and housing, etc.*
- *To break down social discriminatory barriers to the extent possible by student action.*
- *To stimulate the interest of the Aborigines themselves in resisting discrimination.*¹

This event became an iconic moment in recent Aboriginal history. While not particularly associated with particular places within the university the event remains a lasting memory in the history of the university.

¹ Federal Council for Advancement of Aborigines and Torres Strait Islanders: report and resolutions of the 8th Annual Conference on Aboriginal Affairs, Canberra 16th -18th April 1965

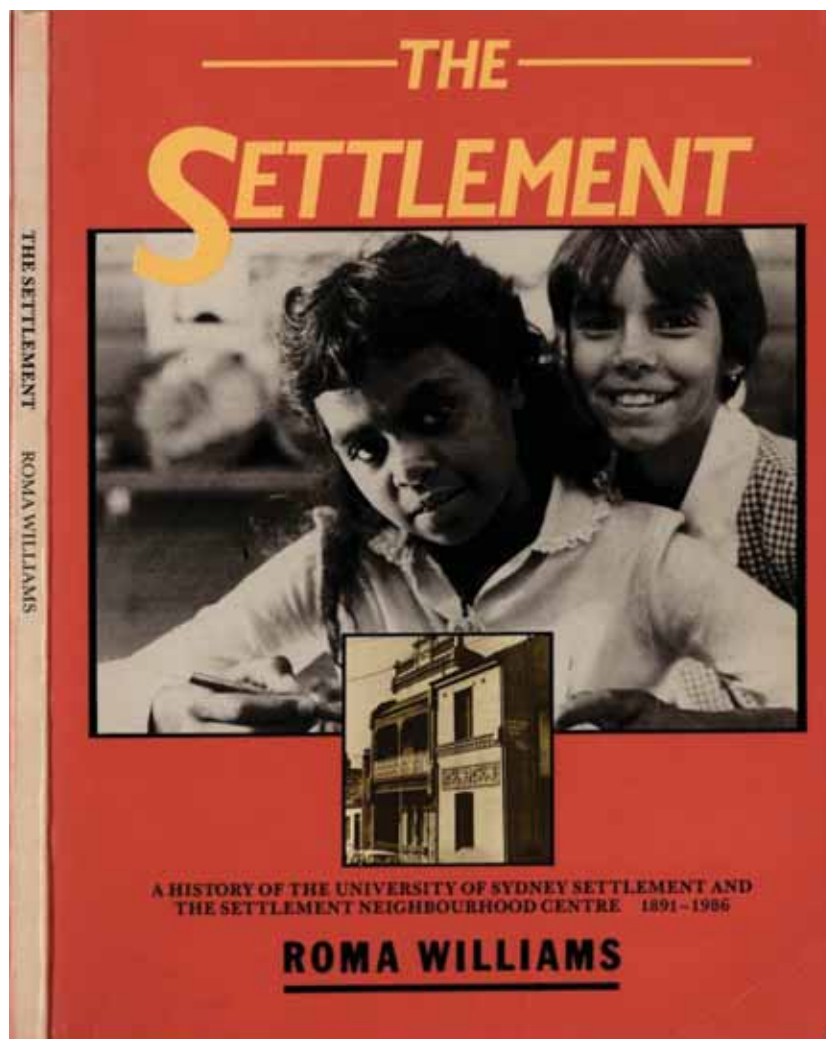


Figure 20. Cover of Roma Williams' *A History of the Sydney University Settlement, 1891 - 1986*.

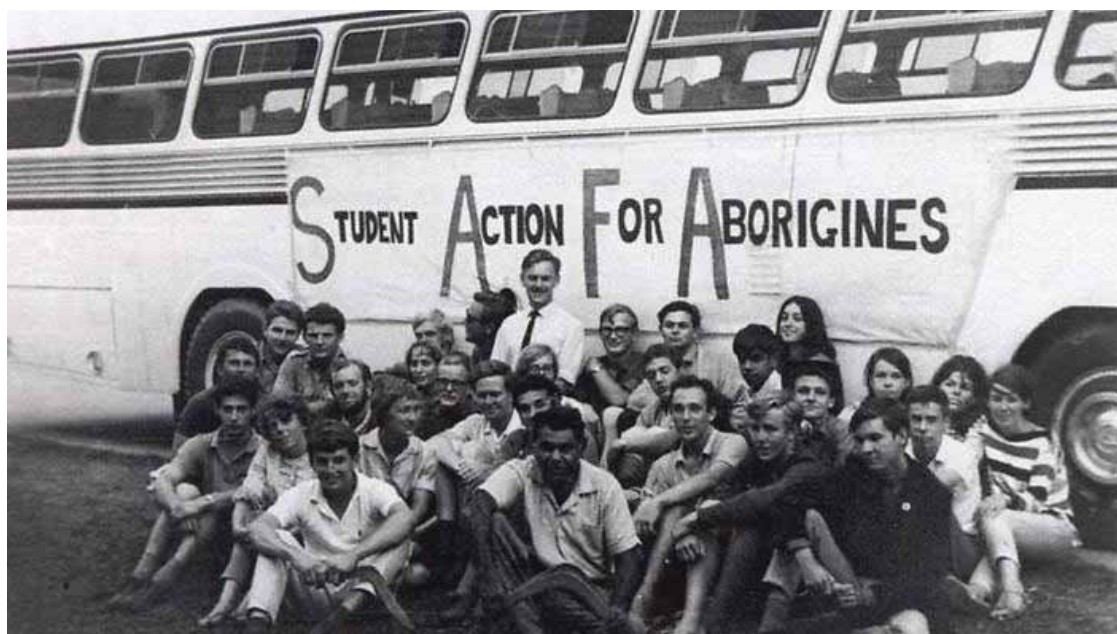


Figure 21. *The Freedom Ride* (this photo is an oft reproduced copy of an original image by Wendy Watson -Ekstein (nee Golding)).

6 ARCHAEOLOGICAL CONTEXT

Archaeological context is established by examining local and regional trends in the distribution and character of known sites in relation to environment and topography. This, in turn, can indicate the occupational history of the area, trends in the nature and survivability of the archaeological record, and patterns of site distribution across the region.

6.1 Regional Context

The University of Sydney is located within the Cumberland subregion of the Sydney Basin bioregion, as discussed in **Section 4.1**. More than 7000 sites have been recorded on the OEH Aboriginal Heritage Information Management System (AHIMS) database for the Cumberland subregion. The majority of these sites are artefacts (open camp sites or isolated finds) ($n=3,756$ or 54%) followed by Potential Archaeological Deposits (PADs) ($n=1,212$ or 17%), grinding grooves ($n=936$ or 13%) and other undefined site types, including quarries, non-human bone or organic material, shell, and waterholes ($n=1,056$ or 15%). These findings are similar to the frequency of site types recorded for the broader Sydney region (Attenbrow 2010:48-49). An absence of rockshelters in this region can be accounted for by the underlying geology of the area, which lacks sandstone escarpments and outcrops.

A study of the regional archaeology of the Cumberland Plain by Kohen (1986a) made a number of findings about site location patterns in the Sydney area. The study demonstrated that proximity to water was an important factor in site patterning. Kohen found that 65% of open artefact scatter sites were located within 100 metres of permanent fresh water. Only 8 per cent of sites were found more than 500 metres away from permanent fresh water. It was argued that open artefact scatters are likely to be larger, more complex and more densely clustered along permanent watercourses. Kohen's study also found that silcrete (51%) and chert (34%) are the most common raw materials used to manufacture stone artefacts. Other raw materials include quartz, basalt and quartzite.

Although the patterns described above have been generally supported by subsequent investigations, Kohen's study was limited by a reliance on surface evidence. Extensive excavation across the Cumberland Plain has since shown that areas with no surface evidence often contain sub-surface archaeological deposits buried beneath the current ground surfaces. This is a critical consideration in aggrading soil landscapes, such as those commonly found across the Cumberland Plain and within the subject area. In a 1997 study of the Cumberland Plain, McDonald found that 17 out of 61 excavated sites had no surface artefacts identified before excavation, and that the ratio of recorded surface to excavated material was 1:25. The character and composition of the excavated sites in McDonald's study could not be predicted on the basis of the surface evidence (JMcDCHM 1997). In short, surface evidence (or the absence of surface evidence) does not necessarily indicate the potential, nature or density of sub-surface material.

The results of the JMcDCHM study clearly highlight the limitations of surface survey in identifying archaeological deposits in this landscape. The study also shows the importance of test excavation in establishing the nature and density of archaeological material on the Cumberland Plain.

McDonald has undertaken over 20 years of consulting archaeology in the Cumberland Plain, and, like Kohen, has developed a predictive model for the distribution of Aboriginal objects. In a recent publication, White and McDonald (2010) summarised this model as follows:

Topographic and stream order variables correlate with artefact density and distribution. High artefact density concentrations may have resulted from large number of artefact discard activities and/or from intensive stone flaking. Highest artefact densities occur on terraces and lower slopes associated with 4th and 2nd order streams, especially 50–100 metres from 4th

order streams. Upper slopes have sparse discontinuous artefact distributions but artefacts are still found in these landscape settings.

6.2 Archaeological Studies in Urban Contexts

A limited number of Aboriginal sites have been identified and recorded in urban Sydney contexts. Recorded site types include open campsites, middens, rock engravings, rock shelters and historic burials.

Known Aboriginal sites within the Sydney CBD include:

- Dawes Point Park - Rock Engraving;
- Moores Wharf - Open Camp Site;
- Goat Island - Midden/Open Camp Site;
- Bennelong Point – Middens;
- Lilyvale – Middens;
- MSB Tower - Rock Engraving;
- Goat Island Cave - Shelter with Midden;
- First Government House - Burials/Historic Place;
- Goat Island - Midden/Shelter with Deposit;
- Angel Place - Open Camp Site;
- Broadway 1 - Open Camp Site;
- KENS (Kent, Erskine, Napoleon and Sussex Streets) Site Sydney – Open Camp Site;
- William Street – Open Camp Site.

A source of silcrete, a type of stone commonly used by Aboriginal people to manufacture stone implements, is known to occur in Newtown. This indicates that good quality workable stone was locally available to Aboriginal people in the past.

The limited number of recorded sites within the Sydney CBD area is directly related to the long and intensive history of development. More than 200 years of European development has destroyed the majority of Aboriginal sites that would have originally existed along the shores of Sydney Harbour and its associated streams and bays. Of particular note was the early colonial practice of excavating Aboriginal shell middens to extract shells for lime burning for use in the production of mortar.

The majority of Aboriginal sites identified within the Sydney CBD were recorded during the course of historical archaeological excavations associated with development projects. Aboriginal sites and objects were identified in pockets of remnant topsoil either beneath or between historical archaeological contexts.

The 1997 excavations at Angel Place, along the margins of the former Tank Stream, are an excellent case in point. During an historical archaeological investigation, 54 Aboriginal artefacts were recovered

from remnant topsoils immediately below the earliest historical levels on site (Steele & Barton, 1998). The results from Angel Place demonstrated that even in areas of earliest European settlement, Aboriginal objects and sites may still survive, buried at depth within remnant soils. Although the evidence from Angel Place was recovered from isolated pockets of surviving remnant soils, the range of artefact types (core reduction, small flakes and heat affected debitage) and raw materials (silcrete, indurated mudstone and chert) suggests the site was originally a continuous complex occupation site along the margins of the Tank Stream.

Other excavations within the Sydney CBD, such as those at William Street (Baker 2003), the KENS site (Steele & Czastka, 2005) and the Quadrant development on Broadway (Steele & Czastka, 2003) provide context for the current archaeological assessment. Of these, the Quadrant site is in the closest proximity to the subject area. Excavation of a discrete pocket of remnant A-horizon topsoil was undertaken as part of the investigation prior to development of the site. This excavation revealed 20 un-diagnostic Aboriginal flaked stone artefacts (Steele & Czastka, 2003). The presence of such artefacts is physical evidence of Aboriginal occupation in the local area.

Excavation at Shea's Creek, now Alexandra Canal, in the 1890s, revealed the presence of two shell horizons. Archaeological evidence in these horizons included stone axes and butchered bone. The finds were made in two locations, 232 and 824m to the north of Ricketty Street, Alexandria (Attenbrow 1984). A sample of the bone was later dated to $5,520 \pm 70$ BP (conventional age) (McDonald, 2005).

Previous archaeological investigations clearly indicate the potential for Aboriginal cultural material to survive within deposits underlying buildings and below filled ground in the Sydney CBD. Evidence of Aboriginal occupation prior to the arrival of European people clearly exists on some urban sites, where remnant portions of the original soil profile still exist.

6.3 Local Archaeological Studies

A number of archaeological investigations have been previously undertaken in the vicinity of the University of Sydney, including Attenbrow's (1990) report on the archaeology of Port Jackson, test excavation at Broadway by Dominic Steele (1997) and test excavations undertaken by Jo McDonald on the University's Camperdown and Darlington Campuses; (JMcDCHM 2005, 2006). The findings of key local archaeological studies registered with AHIMS are summarised below (see **Figure 22** for details).

6.3.1 Port Jackson Archaeological Project (Attenbrow 1990)

The aim of the Port Jackson Archaeological Project was to supplement early historic records of Aboriginal life in Sydney in the pre-contact (pre-1788), contact (1788) and post-contact (1788-1820) periods, through a series of detailed site recordings and archaeological excavations within the Port Jackson catchment (Attenbrow 2010:1-2). Surface evidence from middens indicated that the range and predominance of shellfish species varied, with rock platform and ocean species dominating midden assemblages near the mouth of Sydney Harbour. Middens further up the estuary contained fewer species and no ocean species (Attenbrow 1990:49). Evidence from some excavated sites suggested Aboriginal have been occupying the harbour foreshores and collecting shellfish for at least 4,500 years, and indicated a change in the predominance of particular shellfish species over time (Attenbrow 1990:61).

A total of 369 sites were identified; comprising 126 open middens, 203 middens in rockshelters, 6 open middens associated with small rockshelters, 27 deposits in rockshelters, and 7 open deposits (Attenbrow 1990:42). Attenbrow noted a range of factors which may affect site distribution patterns, including greater visibility of shell in estuarine zones (compared to stone artefacts), greater visibility of rockshelters and rock platforms on Hawkesbury sandstone compared to artefact bearing sediment on Wianamatta shales, and recording bias in estuarine and sandstone areas compared to the western

half of the Port Jackson catchment where development has been concentrated, including the southern side of Sydney Harbour and the Parramatta River (Attenbrow 1990:43-45).

6.3.2 Archaeological Investigation of the Grace Brothers Archaeological PAD, Broadway, Sydney. Test Excavation Report (Dominic Steele 1997)

Test excavation was carried out as part of the development of the Grace Brothers site, Broadway. No Aboriginal artefacts were recovered during works. The intensive use of the site since the 1840s had resulted in potential archaeological deposits being removed, extensively truncated and/or disturbed (Steele 1997: 14-15).

6.3.3 University of Sydney Grounds Conservation Plan (Pearson et al 2002)

In 2002, a heritage conservation plan was drawn up for the University of Sydney to document various aspects of heritage significance for the university grounds to allow for management policies to be established. In relation to this AHIA, the conservation plan documented archaeological evidence of the university grounds (Section 3.2 of the Conservation Plan) including Aboriginal archaeological potential. Inspection for the presence of Aboriginal stone artefacts was undertaken as part of the conservation plan which included assessing the following areas:

- St John's College Sports Ground in association with the former Orphan School Creek;
- Areas around University Ovals No 1 and 2;
- Areas adjacent to the boundary fence between the University grounds and Victoria Park; and
- Open areas around Old Darlington School.

These areas were chosen due to being open land located within close proximity to original water sources (Pearson et al 2002: 28). The conservation plan noted that no evidence remains of the original creeklines and swamps due to extensive disturbance. As a result the probability of finding Aboriginal artefacts/ sites was considered low. However, some undisturbed buried archaeological deposits were considered to exist within the university grounds. Areas noted as having potential for Aboriginal sites to be present included St John's College sports fields, the grounds of the former Darlington School and surrounding former residential area, areas between the footing of demolished and extant building of the Darlington campus, areas around the University ovals No.1 and 2. These areas that were identified as having archaeologically sensitivity were considered to have low archaeological significance due to being located in such a disturbed context (Pearson et al 2002:54).

Subsequent archaeological investigations undertaken by JMcDCHM (2004-2009) at Maze Green and the former Geology Lawns have demonstrated that no potential archaeological deposits have been preserved in these locations or, where remnant soil horizons are preserved, they are highly disturbed and of low archaeological potential (See **Section 6.2.4 - 6.2.5** below for details).

The University of Sydney Grounds Management Plan also describes a stone axe head, found in Victoria Park in the 1890s:

[a]n elongated pebble of the spotted altered claystone; worn and blunted at both ends, it is very much heavier and larger than usual; it was turned up in trenching the ground of Victoria Park, near the University, the soil of which is derived from a patch of the Wianamatta shale. Weight 4 lbs 7 ozs. Dimensions 9 1/8'x2 1/16' x 2 1/4' (Liversidge 1894:6 quoted in Pearson 2002: 30).

6.3.4 Archaeological Survey for an Aboriginal Heritage Assessment, University of Sydney, NSW (JMcDCHM 2004)

In 2004, JMcDCHM undertook an Aboriginal heritage assessment as part of a Campus 2010 and Building for the Future Program. Proposed works included the upgrading of the Eastern Ave and Barff

Rd integrated domain, Shepherd St entrance and pedestrian route to USYD central, City Rd improvements, Faculty of Law Building and USYD Central. The objectives of the study involved determining the extent, nature and integrity of archaeological relics and potential archaeological deposits in the development area, assess the significance of any such relics and PADs, assess potential development impacts to the relics and PADs and recommended management options to mitigate any potential impacts.

The assessment concluded that due to the extent of previous land disturbance, no areas were assessed as having high potential for intact archaeological deposits. No Aboriginal objects and/or landscapes were identified within the study area. The proposed development had the potential to impact a number of PAD areas. However, these PADs were assessed as having low-moderate potential to contain intact archaeological deposit. If in-situ material were found in the area this would be of high archaeological significance. Test excavation was proposed within the locations of the Law Building, USYD Central and Maze Green.

6.3.5 Test Excavations at the Law Building Site, Camperdown Campus, and at Maze Green, The Old Darlington School, Darlington Campus (JMcDCHM 2005)

Test excavation was carried out on the University of Sydney Darlington and Camperdown Campus in 2005. The Geology Lawn was excavated in a series of 1m² test pits and showed a disturbed site with extensive quantities of demolition fill. These pits returned one flaked silcrete artefact on the surface of the B horizon. The second location within the site was on the Maze Green, previously the Old Darlington School playground area. This area also showed extensive disturbance, including redundant and unrecorded services with excavation recovering one flaked stone artefact from 15 pits, this artefact was located in the disturbed overburden (JMcDCHM 2005: 9).

6.3.6 Test Excavations at the University of Sydney Central Site, Darlington Campus (JMcDCHM 2006)

Test excavation was conducted on the Darlington site in 2006 with results comprising a single silicified tuff artefact from eleven 1m² pits. The site showed signs of extensive disturbance, with the overburden consisting of extensive demolition fill (JMcDCHM 2006: 4).

6.3.7 Centre for Obesity, Diabetics and Cardiovascular Research (CODCD) Project (JMcDCHM 2007-2009)

JMcDCHM undertook an Aboriginal archaeological assessment of the proposed ARC Medical Building development to determine the nature, extent and integrity of any Aboriginal sites that might be located within the area. No Aboriginal sites or artefacts were identified and due to extensive disturbance, no areas were assessed as having high potential for intact archaeological deposits. Geotechnical investigation indicated that the original swampy tributary of Orphans School Creek may be represented in organic deposits buried beneath 3 - 5m of fill. Areas identified in the Conservation Plan (2002), the northeast margin of St John's Oval and Oval 2 were reassessed as having low archaeological potential. Further investigation was recommended in the event that the RMC Gunn Building, Veterinary Science Building and the HK Ward Gymnasium building be demolished as they may reveal intact archaeological deposits.

6.3.8 Sydney Metro Network Stage 2 (Central to Westmead) (Comber Consultants Pty Ltd 2009)

An Aboriginal Cultural Heritage Assessment was carried out for the proposed 25 km line from Central to Westmead including 11 new stations. Background research and a site survey were undertaken for the study area. No sites or Aboriginal objects were located during the survey. The assessment

recommended that subsurface testing and potential salvage at Parramatta and Rosehill prior to the construction of worksites and stations at these locations (Comber 2009:27, 33).

6.3.9 The Quay Project, Haymarket: Final Archaeological Report (Biosis 2012)

Text excavation was carried out in 2011 in the form of five test pits which focussed on the remaining areas of potentially intact topsoil. No Aboriginal objects were recovered, however, during the historical phase of archaeological works, a lithic artefact was found in spoil from the fill of a European post hole (Biosis 2012: ii-iv).

6.3.10 University City Campus Improvement Program (Godden Mackay Logan 2013)

In 2013, Godden Mackay Logan was engaged to undertake an Aboriginal heritage due diligence assessment for the University of Sydney as part of the Campus Improvement Program. The purpose of the report was to identify whether the study area possessed or had the potential to possess any Aboriginal heritage sites or cultural values. The due diligence assessment confirmed two registered sites (#45-6-2745 and #45-6-2822) were situated within the university grounds, one of which was located within the City Road Precinct (#45-6-2822). Site #45-6-2745 has since been destroyed by the construction of the Law Building, and Site #45-6-2822 was destroyed under a Section 90 AHIP (GML 2013: 34). It was also noted that geotechnical investigations had indicated that historic fill was significantly deeper around Orphan School Creek, and it was considered that archaeological deposits may have been preserved by the capping of the fill over the natural ground surface (GML 2013: 25).

The assessment concluded that the University of Sydney has been heavily disturbed by previous historic land use associated with the development of the University. It was considered that there is low potential for the preservation of in situ archaeological deposits, however, if found the deposits would be of high archaeological significance due to their rarity.

With regard to the six precincts, the recommendations of the report outlined that work may proceed with caution in all the precincts with the exception of the Life Sciences Precinct and the Cultural Precinct. The Life Sciences Precinct was classed as moderately disturbed with low - moderate potential to preserve intact subsurface archaeological deposits. As a result, archaeological monitoring was recommended and if excavation work was to exceed depths of 3 m, archaeological test excavation would be warranted prior to any works. The cultural Precinct was classed as heavily disturbed with low potential to contain intact subsurface deposits. However, it was recommended that if impacts were to occur to Botany Lawn, archaeological monitoring would be required as a precautionary measure.

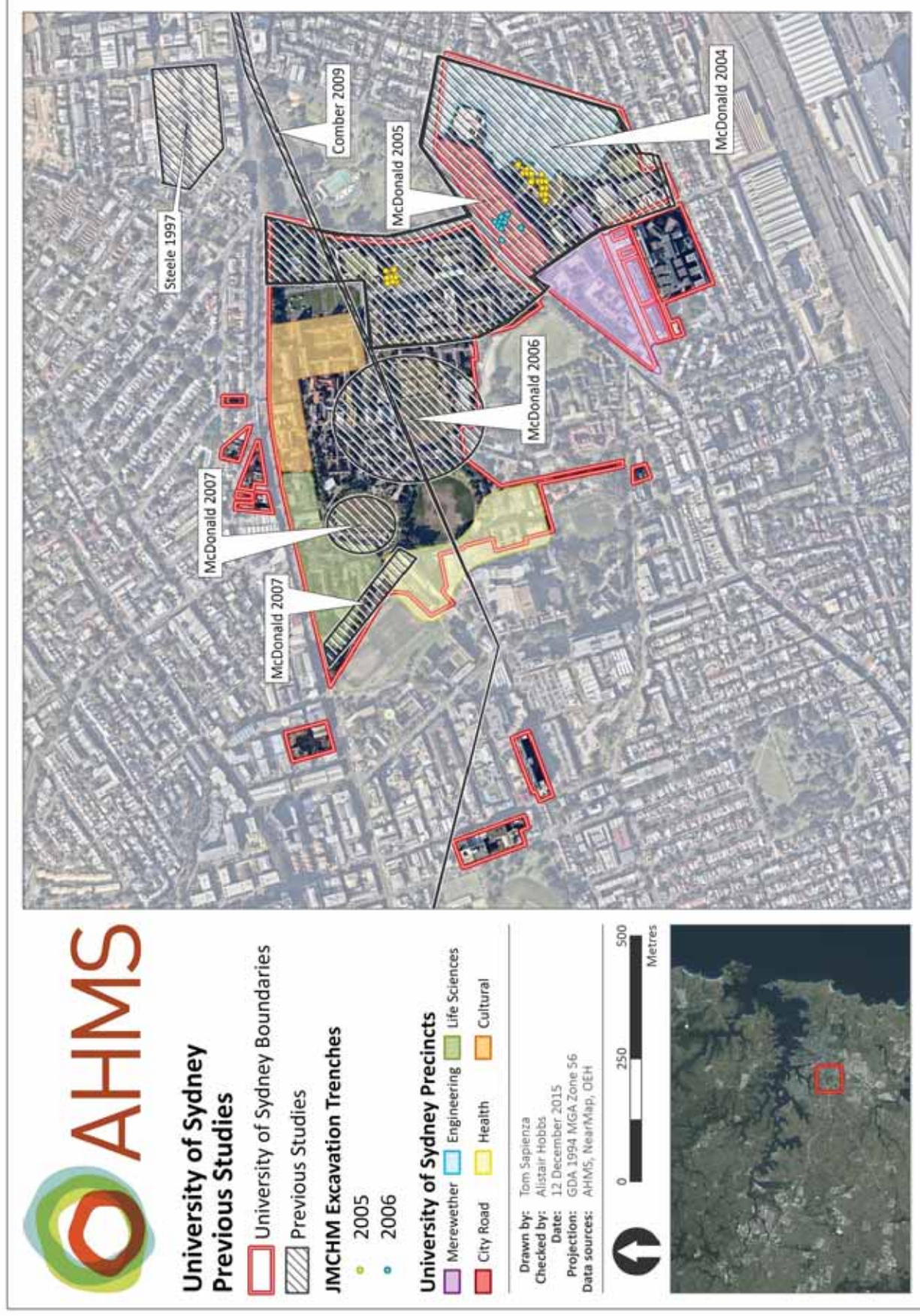


Figure 22. Previous archaeological studies undertaken within the subject area.

6.4 AHIMS Data

The Office of Environment and Heritage maintains the Aboriginal Heritage Information Management System (AHIMS), which is a database of registered Aboriginal sites in New South Wales. An extensive search of the AHIMS database was undertaken on 25 August 2015 (Client Service ID: 187139), centred on a latitude/ longitude of 33.9215, 151.1445 - 33.8645, 151.2349 with a buffer of 50 m (**Figure 23** - **Figure 24**). The search identified 34 registered Aboriginal sites; two of which have been destroyed and one which was originally identified as a site though further investigation showed it was not valid (see **Appendix 2**).

The most common Aboriginal site types highlighted in the search include potential archaeological deposits (PADs), artefact scatters and shell/artefact (**Table 5**). The AHIMS search revealed two registered Aboriginal sites within the subject area, #45-6-2822 was situated within the City Road Precinct and #45-6-2745, located within the university boundary but outside any of the six proposed development precincts (**Table 6** and **Figure 24**). Both of these sites were isolated finds (though #45-6-2745 is erroneously registered as a PAD), specifically, stone artefacts that were recovered during test excavation programs undertaken by JMcDCHM (2005, 2006). Information provided in the site card for Site #45-6-2745 states the site has since been destroyed by the construction of the USYD Law building. Site #45-6-2822 has since been destroyed under an AHIP after further archaeological investigation downgraded the original site assessment (JMcDCHM 2006: 18).

In addition to the two archaeological sites listed above, a contemporary site is also in the vicinity of the subject area, #45-6-2767. This site is identified as a 'tent embassy' and is situated within Victoria Park. It was established in 2001 following the Sydney Olympics to highlight the issue of Aboriginal sovereignty. It has been listed due to its social and cultural values to Aboriginal people.

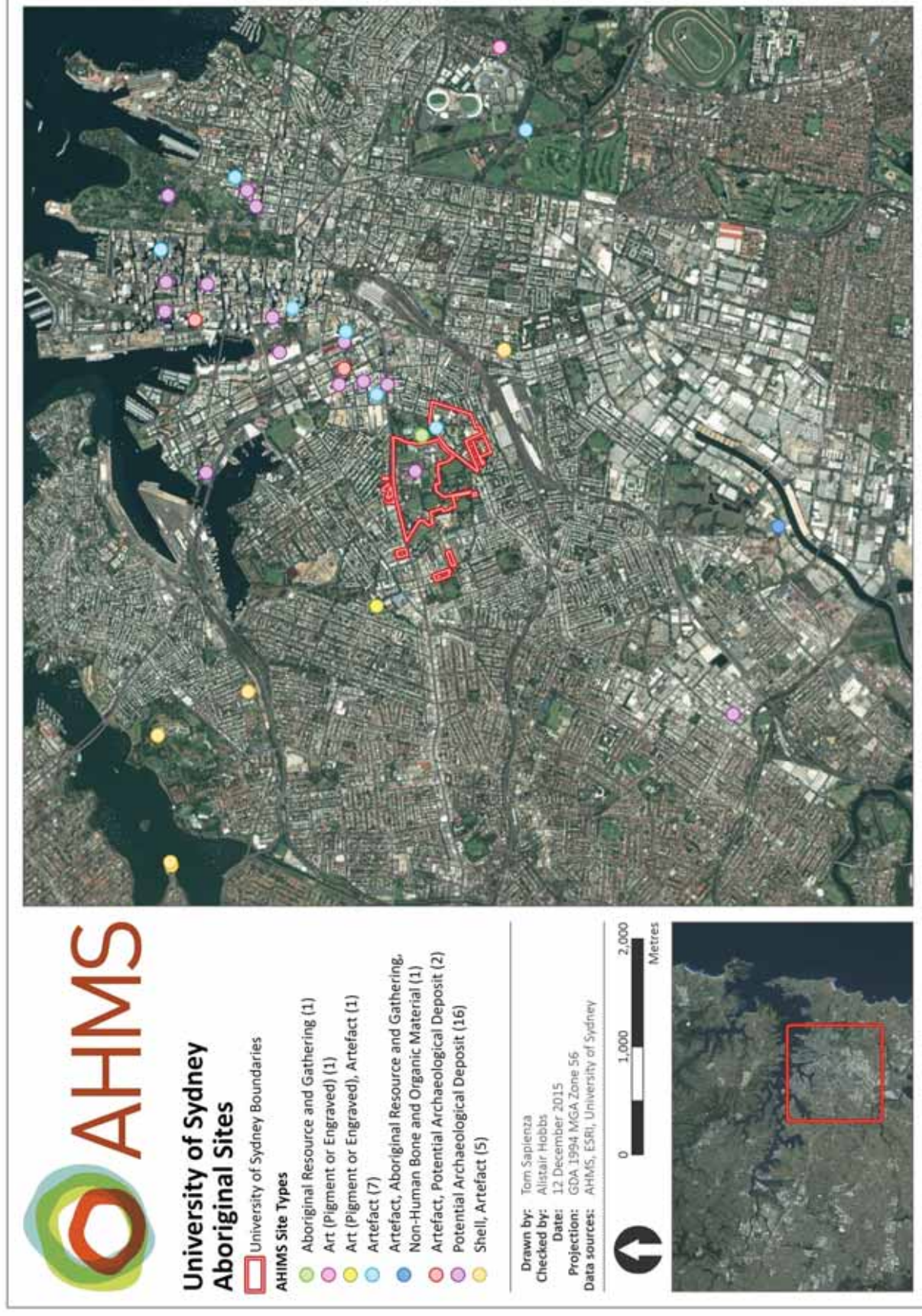
Table 5. Aboriginal sites in the vicinity of the subject area summarised by site feature.

Site Feature	Site Count	% of Total
Potential Archaeological Deposit (PAD)	17	50.00
Artefact	8	23.53
Shell, artefact	5	14.71
Art. Pigment or engraved, artefact	1	2.94
Art, pigment or engraved	1	2.94
Aboriginal Resource and Gathering	1	2.94
Not a site	1	2.94
Total	34	100.00

Table 6. Summary of the Aboriginal sites located within the University grounds.

AHIMS Site ID	AHIMS Site Name	Site Feature	Description of contents	Assigned Archaeological Significance
45-6-2745	University of Sydney Law Building PAD	Potential Archaeological Deposit (PAD)	Originally recorded as a PAD this site was investigated by test excavation (7 1x1m ² test pits). One grey-pink silcrete flake fragment with chipped (edge-damage) margins, maximum length 16.55 and weight 0.8g was recovered during the test excavation. Site Condition: very disturbed. Site has since been destroyed by the construction of USYD	Low

AHIMS Site ID	AHIMS Site Name	Site Feature	Description of contents	Assigned Archaeological Significance
			Law Building	
45-6-2822 (Within City Road precinct)	USYD: Central	Artefact	Isolated Find Site condition: very disturbed. Artefact recovered as part of testing programme within a heavily disturbed A-horizon, under c.50cm of fill comprising building rubble and imported deposit. One yellow weathered silicified tuff distal flake fragment with a hinge termination was recovered (12mm x 20mm x 7 oriented dimensions).	Low
45-6-2767	Tent Embassy, Victoria Park	Aboriginal ceremonial and resource gathering	A tent embassy within Victoria Park (outside of the subject area) established in 2001 to highlight Aboriginal sovereignty.	N/A - high cultural and social value



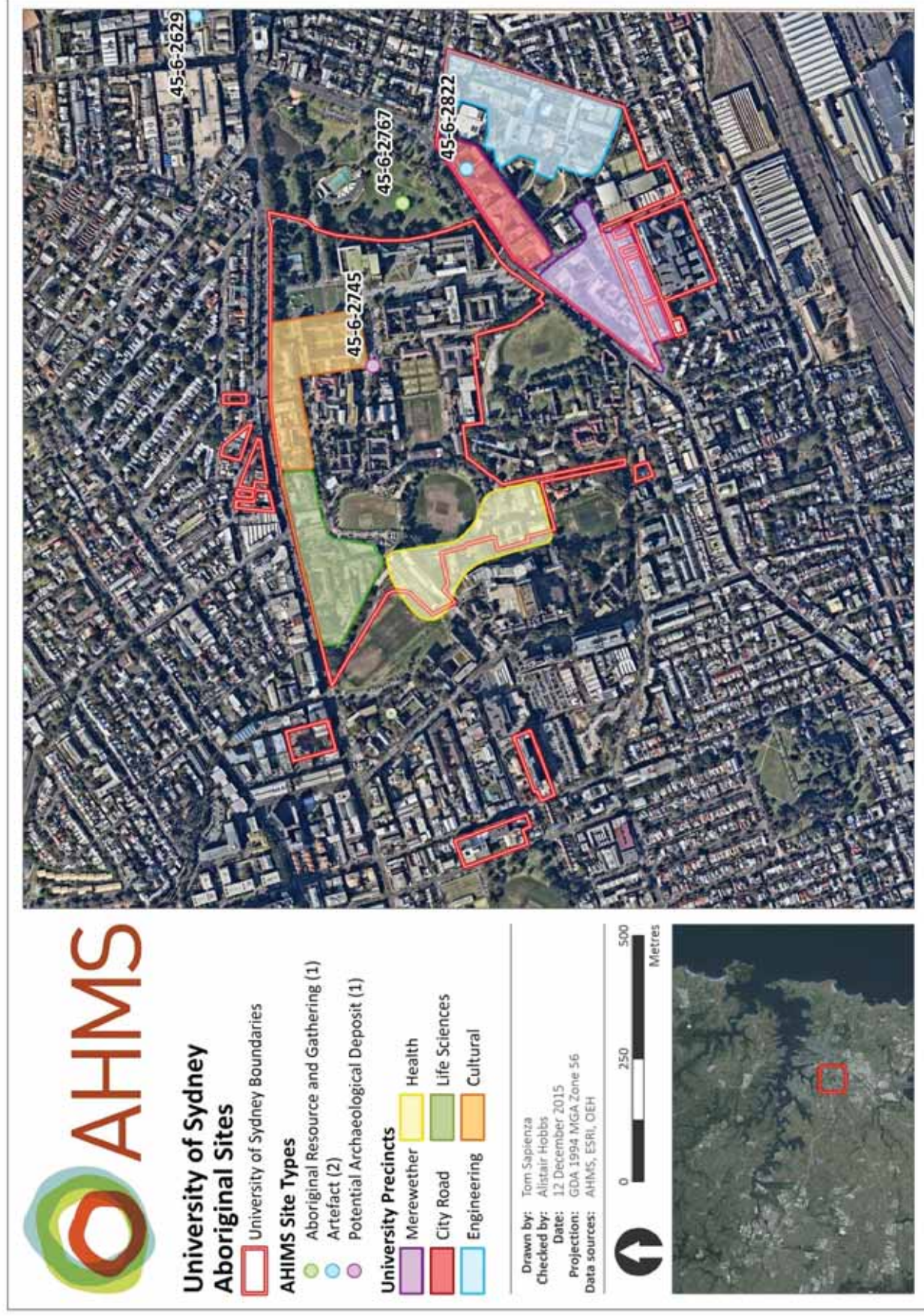


Figure 24. Registered Aboriginal sites located within the subject area.

7 THE ARCHAEOLOGICAL RESOURCE

7.1 General

This section summarises the background assessment and field investigations of the subject area to develop an archaeological model. The model will be used in subsequent sections to determine archaeological and cultural significance, identify potential impacts, and propose strategies to manage and mitigate cultural deposits prior to and during development.

7.2 An Archaeological Model for the Subject Area

From a regional perspective, Aboriginal people have occupied and utilised the Sydney Basin for a considerable period of time, certainly throughout the Holocene (10,000 years ago to present) and evidence suggests probably also in the late Pleistocene (10,000-50,000 years ago). Archaeological studies pertaining to the region suggest that site distribution is characterised by proximity to permanent water sources, and landform types such as lower slopes, spurs, river terraces and alluvial flats. While there is generally accepted to be a low density, almost ubiquitous 'background scatter' of artefacts across the Sydney Basin, the well-developed artefact distribution modelling for the area clearly demonstrates that major activity areas, where stone tools were either manufactured or maintained, did essentially have nearby freshwater as a precondition for use. On ephemeral first order streams, occupation was often immediately adjacent to the water (0-50 m), while on larger permanent fourth order streams the majority of activity leading to the accumulation of stone artefacts was set back from the creek within the area between 50 and 100 m from water. Activities at sites with evidence of intense or repeated occupation were also focused on areas with particular amenity to use that are generally explicable and predictable - especially on raised, flat, well drained terraces, with a slight tendency for higher density on locations with northerly and north-easterly aspect. Low-lying creek flats and slopes on the other hand have been shown to have significantly lower densities of material evidencing Aboriginal use, regardless of their proximity to water.

A review of the subject area indicates that two creeklines ran through the university grounds, Orphan Creek and Blackwattle Creek. These creeklines are both initially first-order creeks, joining to become a second-order in the northwest of the university grounds. Areas in close proximity to these creeklines include the Life Sciences and Health Precincts (**Figures 23 and 24**), and are considered to have potential for cultural materials to have been present in the past. It must be highlighted, however, European development has fundamentally changed the local landscape and hydrology, and these areas may not encompass all of the water sources present in the pre-European period.

Previous excavations in the Sydney CBD and surrounds have been characterised by very low-density stone artefact deposits. This likely reflects a combination of ephemeral use of large parts of the inner city (that retained few known resources away from the coast), and the loss of cultural materials through development. Works within the university ground mirror these wider findings, with only a handful of Aboriginal objects recovered from heavily disturbed contexts. Ethnographic information also fails to identify any significant documented activity within the subject area, despite known travel routes and gathering places immediately east of the university grounds. All such data suggests the cultural materials (if present) are likely to be situated in close proximity to the two documented creek-lines, and likely be ephemeral or transient in nature.

In contrast to this model of archaeological potential is the extensive disturbance within the university grounds, which would likely have removed or destroyed cultural materials (if present). (In this report, we consider the level of disturbance against established definitions outlined in JMcDCHM (2004) for the university (**Table 7**)). This has been demonstrated through two excavations in the university grounds in which low numbers of Aboriginal objects were recovered from construction or over-burden deposits. Based on geo-technical information and previous studies, it can be shown that much of the

subject area has been heavily modified and/or disturbed by past development, and has low potential for cultural materials to be present. In situations where cultural material was present, it is considered unlikely to retain any context or stratigraphy, which severely reduces the significance of any finds recovered. In the case of the Life Sciences Precinct, information suggests that a natural soil profile exists some 3m beneath the current land surface, and the potential for cultural material to remain is vastly improved compared to other areas. Should cultural material be in present in these buried natural soil profiles, it would likely be of local or State significance, given the paucity of Aboriginal activity found to date in the CBD. It is considered parts of the Health Precinct would also have buried natural soil profiles beneath a thick layer of over-burden, and similarly has moderate potential for cultural materials to be present. While this area has previously been downgraded due to its location adjacent a first order creekline, it is however also situated near the confluence of Orphan and Blackwattle Creeks. Confluences of creeks have been shown to be a focus for Aboriginal activity and occupation, and hence the identification of the precinct as an area worthy of future investigation.

Based on the information above, it is considered that in general the subject areas have low potential for Aboriginal objects to be present. Where present, they are likely to be low density artefact scatters or isolated finds in disturbed contexts, and as such unlikely to be of high significance. Two areas are considered exceptions to this, the Life Sciences Precinct (west of Ross Street) and portions of the Health Precinct. These precincts are found in close proximity to original creeklines, which ran through the university grounds, and have evidence of buried natural soil profiles at depth. As such, they are considered of moderate potential to contain cultural materials, which if found could be of local or State significance.

Table 7. Land use disturbance definitions (after JMcDCHM 2004).

Level of Disturbance	Definition	Archaeological Potential
High	Areas with constructed landforms, buildings and constructed surfaces. In particular areas which include late twentieth century buildings and roads which generally involve significant earthmoving during construction; as well as grading, levelling, introduction of road base and installation of services such as water, power and sewage.	Archaeological evidence such as artefacts may be present here but it would not be possible to determine their origin or context. Many artefacts occurring in this zone may have been destroyed in the processes.
Moderate	Areas with natural landforms but with disturbed soils.	Archaeological evidence such as artefacts may be present but may have been moved from their original locations
Low	Areas with natural landforms, which appear from current aerial photographs to be original land surfaces.	Archaeological deposits may be present in fairly undisturbed physical condition.

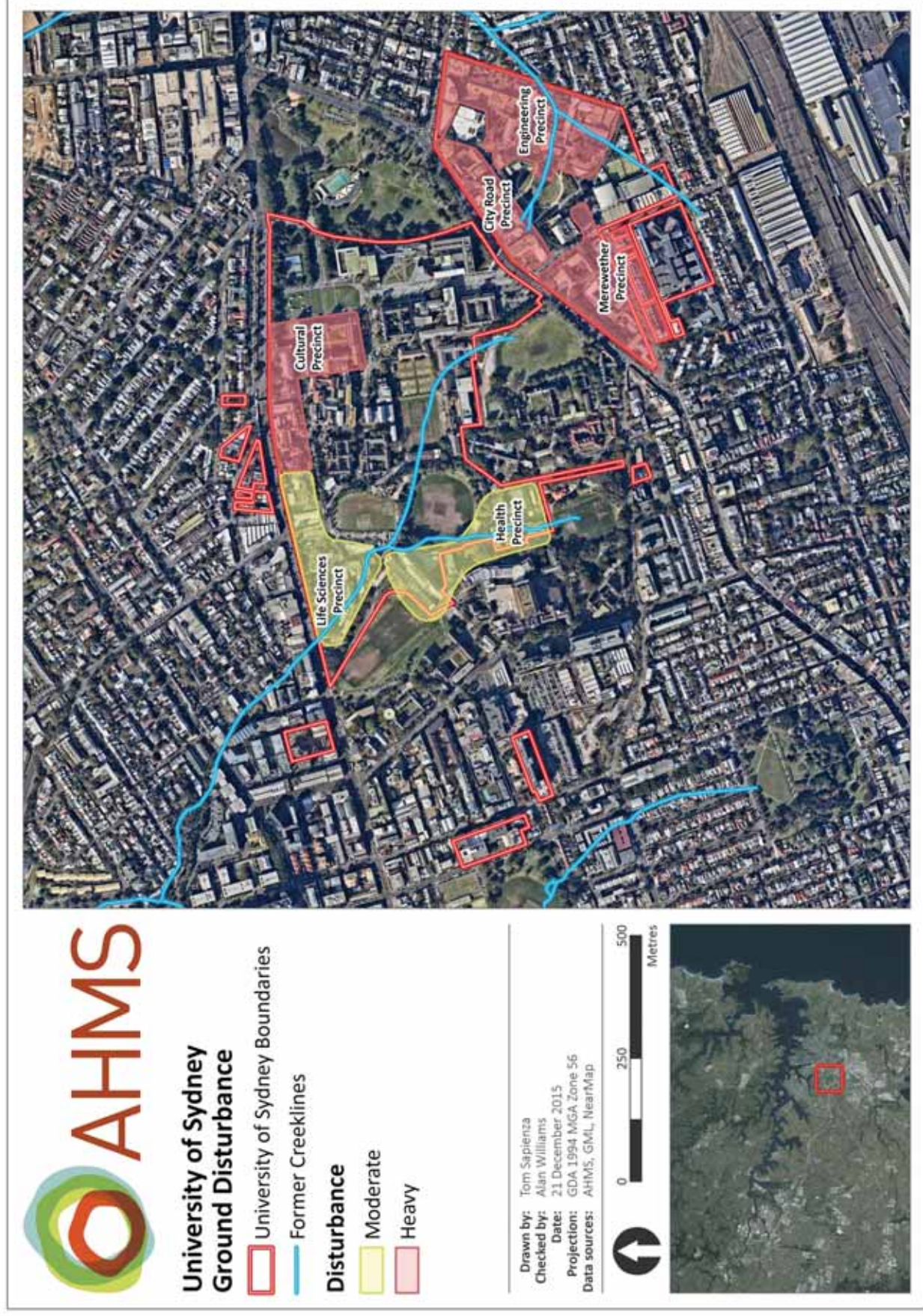


Figure 25. Summary of disturbance and archaeological potential of the subject area.

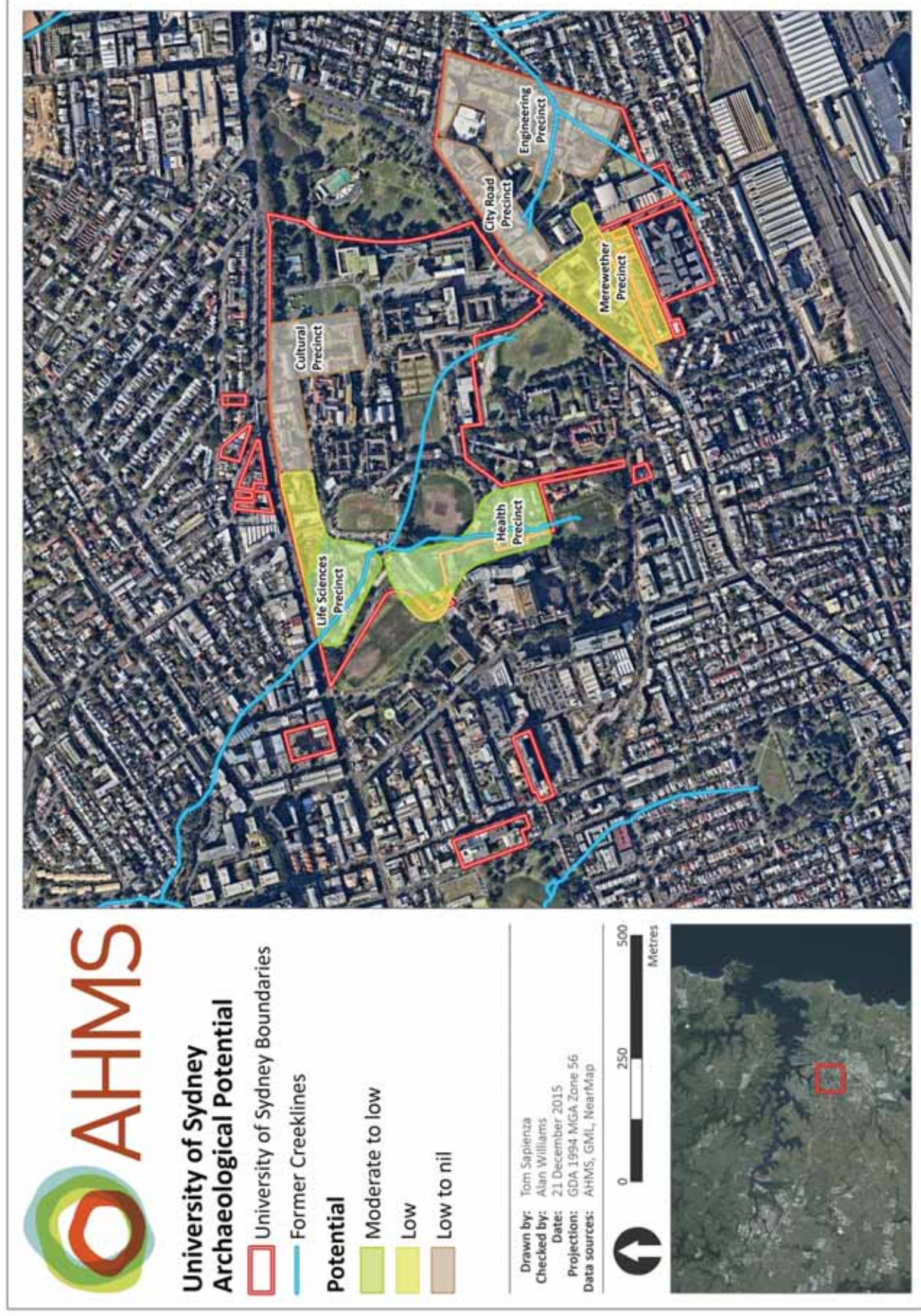


Figure 26. Summary of archaeological potential of the subject area.

8 CONCLUSIONS AND RECOMMENDATIONS

8.1 Summary of Findings

Based on the findings of the AHIA, the following conclusions can be made about Aboriginal archaeology within the subject area:

- Numerous archaeological assessments have been undertaken within the University of Sydney and the surrounding area (**Section 6.2**). These investigations have generally revealed very low artefact densities within heavily disturbed contexts.
- Previous research and ethnographic information suggests that the university grounds were used only ephemerally or transiently in the past. Typically, large creeklines or swamps would have formed the focus of long-term or repeated occupation, and neither types of resource are within the subject area.
- Aboriginal Heritage Information Management System (AHIMS) database search results demonstrate that evidence of Aboriginal occupation in the general vicinity of the university is limited, and usually expressed as low density artefact scatters, isolated objects and/or Potential Archaeological Deposits (PADs). While PADs have previously been registered within the university grounds, these areas have been reassessed as having low archaeological potential following archaeological testing. These findings are, however, constrained by the limited investigations that have occurred in the heavily urbanised Sydney CBD.
- Two registered Aboriginal sites have been identified within the University of Sydney, #45-6-2745 (USYD Law PAD1) and #45-6-2822 (USYD: Central). Both sites comprise isolated stone artefacts recovered from disturbed contexts. The artefacts were assessed as having low scientific significance and low research potential. Both sites have been destroyed.
- Existing information suggests that much of the subject area is heavily disturbed by historical activities. This disturbance has reduced or removed the potential for cultural materials to be present. In the unlikely event that in-situ deposits are identified, they are likely to be of local or State significance.
- Geotechnical investigations undertaken within the university grounds indicate that natural soil horizons may be preserved below 3-5 m of fill in areas in close proximity to the former Orphan School Creek beneath the western portion of the Life Sciences, and Health Precincts. At this stage it is uncertain as to the full extent of disturbance caused by the placement of fill in these areas. Using precautionary principles, it is assumed these deposits remain intact until proven otherwise. Given their proximity to a water course, these deposits are also considered to have potential for cultural materials to be present.
- With the exception of the western portion of the Life Sciences, and Health Precincts, it is considered that the remaining precincts would have low potential for cultural materials to be present.

8.1.1 Cultural Values

Consultation with RAPs identified six places retaining cultural values within the subject area. (It is highlighted that while the discussions focussed on the six CIP precincts, it also considered the wider Camperdown and Darlington Campuses). These include the Macleay Museum, Shellshear Museum in the Anderson Stewart Building, Mackie Building, the Quad, the Koori Centre, the Sports Ovals and the University entrances. Discussions with the RAPs also identified the land encompassing the two sports ovals, which was considered to have been a former hunting ground for Gadigal/Cadigal Aboriginal people. The ovals were discussed as having potential to contain subsurface archaeological deposits capped by fill. However, the Sports Ovals are located outside any of the Precinct boundaries and will therefore be unaffected by the development work.

The Aboriginal groups also described general cultural values and issues including better opportunities for Aboriginal students, the desire for better education and interpretative opportunities relating to past and contemporary Aboriginal history in the University grounds.

8.2 Potential Aboriginal Heritage Impact

Based on the information available for the subject area, it is considered that cultural materials would likely be composed of low density artefact scatters, isolated finds and/or PADs in close proximity to water sources. Disturbance plays a key role in the survival of such deposits, and in the case of the university past impacts have been extensive. Based on this, it is considered that only two precincts, Life Sciences and Health, have the potential for cultural materials to be both present and have survived historical activities. Both of these precincts have been identified on precautionary principles, with natural soil profile being present beneath a substantial layer of over-burden.

The specific development within the two precincts has yet to be adequately defined, but references to underground car-parking and the likely need for deep foundations of future structures suggest that impact to these deposits is likely. Appropriate measures to manage these deposits have been provided in **Section 8.4**.

None of the remaining precincts are considered to have potential for Aboriginal objects to be present, and as such impacts are considered to be of low risk in harming/destroying cultural materials.

No areas identified as having cultural values would be directly or indirectly affected by the proposed development.

8.3 Archaeological and Cultural Significance

Currently, the specific content of archaeological or cultural deposits within the subject area is not known. This report outlines the potential deposits based on a review of available information typically used to produce predictive models of the extent and likelihood of Aboriginal sites and objects. Specifically, it appears likely that several parts of the subject area have potential to contain Aboriginal objects and/or deposits.

While the scientific and cultural significance of these findings cannot be determined until it is physically investigated; to adequately determine and characterise the soil deposits, an indication of the significance based on other nearby projects can be made.

Based on the cultural values workshop and former tent embassy, the area still maintains a contemporary Aboriginal community presence and they have a strong interest in their local and regional cultural. Therefore, the presence of Aboriginal objects/material within this area is likely to have strong social value to this community.

Scientifically, cultural deposits are likely to be constrained to disturbed artefactual materials indicative of an ephemeral or transient use of the region. Such sites are likely to be of low significance. The possible exception are the deeply buried soil profiles within the Life Sciences and Health Precincts, that has the potential for in situ or stratified cultural material. If present, such deposits would certainly be of local, and potentially State, significance, given their rarity in the heavily urbanised Sydney CBD.

8.4 Management Strategy

Based on the findings of this report, there is moderate risk that development works may impact Aboriginal objects/deposits within the western parts of the Life Science Precinct and Health Precinct (**Figure 24**). The remaining precincts may contain cultural materials, but they are considered likely to be heavily disturbed and of low significance. As a general principle disturbance or harm to known or potential Aboriginal sites and/or places should be avoided. Where impact on known or potential Aboriginal sites or places cannot be avoided, additional archaeological investigations should be undertaken to determine the extent, nature and significance of the Aboriginal cultural heritage. Further investigation provides the information required to determine appropriate management options in consultation with DPE, OEH and RAPs so that appropriate impact minimisation or mitigation measures can be implemented prior to and during development.

For planning purposes, this report is adequate in identifying the likely areas of archaeological resource within the subject area. Given the level of disturbance throughout the region, the modelling may in fact be over-representing the potential resource. It is considered likely that the western parts of the Life Sciences and Health Precincts have the greatest potential for intact - or minimally disturbed - cultural deposits, and should form the focus of any future investigation. Sub-surface investigation of these deposits is required to allow further characterisation. Typically, such works could be undertaken as part of the AHIA under Section 89J of the *Environmental Planning and Assessment Act 1979*. However, given the buildings within these precincts are currently in use, and the deposits are relatively inaccessible (3m below current surface) without significant earthworks, it is considered that further investigation would need to occur following the approval. Specifically, it is recommended as part of the approval that a Heritage Management Plan (HMP) is developed in consultation with DPE, OEH and the RAPs, which outlines the investigation, salvage (if required) and management of any cultural deposits within the two precincts. The HMP should also outline unexpected finds procedures for the remaining CIP precincts, along with any other heritage requirements for implementation prior to, during and after the development. It is highlighted that the development of a HMP, and implementation of the activities it endorses would likely require several months to complete, and appropriate timing in the construction program should be included.

8.5 Recommendations

The following recommendations are made in regard to future management of the six Precincts outlined in the CIP:

- As a condition of approval, a Heritage Management Plan (HMP) should be developed for the project. The HMP should be developed in consultation with DPE, OEH and the RAPs, and provide protocols, procedures and tasks to manage the cultural resources identified in this AHIA before, during, and after the development. The HMP should make specific reference to:

- Management of the Life Sciences (west of Ross Street) and Health Precincts, which have the potential for deeply buried cultural materials to be present (areas of the Life Science precinct east of Ross Street are subject to another SSD application, and are not considered here). Ideally, such works should be undertaken prior to any approval under Section 89J of the *Environmental Planning and Assessment Act 1979* and integrated into the AHIA, and recommendations modified accordingly. Should this prove unfeasible, further sub-surface investigation and salvage (if required) of these deposits should be developed and outlined in the HMP.
- The remaining precincts are considered to have low potential for Aboriginal objects to be present. These areas should be managed through unexpected finds procedures to be developed and outlined in the HMP.
- Opportunities exist to reflect contemporary Aboriginal values through a range of possible initiatives that have been identified through consultation of the AHIA. It is recommended that an interpretation strategy is developed as a condition of consent to explore and implement expressions of Aboriginal cultural value across the university grounds.
- The site status of #45-6-2745 and #45-6-2833 should be updated with the AHIMS Registrar to reflect their destruction.

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Appendix 1 - Aboriginal Community Consultation

Appendix 1-1. Aboriginal consultation log

Organisation/Group	Representative Contacted	Date	Comments	AHMS Contact
Pre-Notification Stage				
National Native Title Tribunal (NNTT) Office of the Registrar, <i>Aboriginal Land Rights Act 1983 (ORALRA)</i> OEH EPRG Metropolitan Branch (OEH) NTSCORP Limited (NTSCorp) Metropolitan LALC City of Sydney Council Greater Sydney Local Land Services (GSLLS)	-	02.09.2015	Request for details of Aboriginal individuals or groups who may have an interest in the study area.	Ben Christensen
GSLLS	Margaret Bottrell	02.09.2015	Not allowed to pass on information. No interest.	Ben Christensen
NTT	Dianne Drake CASE MANAGER National Native Title Tribunal Sydney Office, Operations East	03.09.2015	Nil result for NT search	S. McIntyre-Tamwoy
NTSCorp	George Tonna	03.09.2015	Reponse that NTSCORP is not able to pass on information on potential Aboriginal stakeholders but will forward correspondence to any stakeholders they are aware of with a request for them to register their interest in the project directly.	Tessa Bryant
Metropolitan LALC	Lee Davison	07.09.2015	Registered interest	Ben Christensen
Office of the Registrar	Kelly Bashford	5.11.15	Advised of no existing claims on any of the lots within the study area	Alan Williams
Notification				
University of Sydney (UofS) Committee	Tanya Gerrie	07.09.2015	Emailled to request contact details for the Aboriginal and Torres Strait Islander Strategy and Services Committee	Ben Christensen
UofS Committee	Sarah Hepworth	07.09.2015	Emailled to request contact details for the Aboriginal and Torres Strait Islander Strategy and Services Committee	Ben Christensen
Office of the Deputy Vice-Chancellor Indigenous Strategy and Services	dvciss@sydney.edu.au	07.09.2015	Emailled to request contact details for the Aboriginal and Torres Strait Islander Strategy and Services Committee	Ben Christensen
UofS Committee	Sarah Hepworth	08.09.2015	Sarah suggested AHMS contact Shane Houston, the Deputy	Ben Christensen

Organisation/Group	Representative Contacted	Date	Comments	AHMS Contact
ORALRA	Sally Porter	11.09.2015	Vice-Chancellor Indigenous Strategy and Services, through the ATSISS Committee.	Alan Williams
Darug Land Observations	Gordon Workman	16.09.2015	No registered Aboriginal Owners Registered interest Highlighted Jamie Workman as the contact. Email in Synergy.	Alan Williams
DACHA	Celestine Everingham	17.09.15	Registered her interest.	Alan Williams
OEH	Susan Harrison	16.09.2015	Susan sent OEH stakeholder list	Ben Christensen
University of Sydney	Julie Parsons	23.09.2015	Ben emailed Julie for contacts. Julie supplied Ben with contacts	Ben Christensen
Alt Media	mark@altmedia.net.au	23.09.2015	Ben emailed and rang inquiring about classifieds. Ben then emailed Mark with ad. Mark confirmed that ad would be in published on Oct 1. Ben signed agreement and sent to Mark. Job to be invoiced	Ben Christensen
All RAP groups	-	23.09.2015	Ben faxed DACHA, mailed Eric Kleidge, Murrinbul and Aaron Broad, and emailed the remaining registered stakeholders with notification letters	Ben Christensen
University of Sydney	Ian Kelly	23.09.2015	Ben emailed Ian draft invitation to cultural values workshop	Ben Christensen
Metropolitan LALC	Lee Davison	24.00.2015	Registered interest. Sent CoC	Ben Christensen
University of Sydney	Ian Kelly	25.09.2015	Ian confirmed Oct 8 at 9am for cultural values workshop. Letter approved	Ben Christensen
Alt Media	mark@altmedia.net.au	29.09.2015	Mark emailed Ben the proof. Ben confirmed proof	Ben Christensen
-	Larry Hoskins	2.10.15	Registered an interest in the project. Also identified Chris Pain, Peter Forster and Dave Bell as three other possible stakeholders. Advised he would contact AW to provide contact details for these individuals.	Alan Williams
Goobah	Basil Smith	3.10.15	Registered an interest in the project	Alan Williams
Murramarang	Roxanne Smith	4.10.15	Registered an interest in the project	Alan Williams
Biamanga	Sell Storer	4.10.15	Registered an interest in the project	Alan Williams
Gulaga	Wendy Smith	5.10.15	Registered an interest in the project	Alan Williams
Cullendulla	Corey Smith	5.10.15	Registered an interest in the project	Alan Williams
Central Murrumbul	Chris Payne	6.10.15	Registered an interest in the project	Alan Williams
Murrumbul	Levi McKenzie-Fullbright	8.10.15	Registered an interest in the project, however past registration expiry date	Ben Christensen
Metropolitan LALC, Indigenous SRC, City of Sydney Advisory Panel, DACHA, The Settlement, Aboriginal Housing Company	-	8.10.15	Undertook a workshop to discuss cultural values associated with the project. Further details are provided elsewhere in the AHIA.	S. McIntyre-Tamway/ Ben Christensen

Organisation/Group	Representative Contacted	Date	Comments	AHMS Contact
Central Murrumbidgee	Chris Payne	9.10.15	Registered an interest in the project and provided additional information on the area.	Alan Williams
Murrumbidgee	Levi McKenzie-Fullbright	26.10.15	Ben informed that registration of interest was made after close of registration	Ben Christensen
OEHS	Susan Harrison	26.10.15	Advised OEHS of the registered Aboriginal stakeholders in the project.	Alan Williams
Metropolitan LALC	Lee Davidson	26.10.15	Advised OEHS of the registered Aboriginal stakeholders in the project.	Alan Williams
All participants from community values workshop	-	27.10.15	Ben emailed the community values workshop brief report	Ben Christensen
DACHA	Celestine Everingham	28.10.2015	Celestine rang on behalf of Gordon Morton. She expressed discontent at the fact that Gordon was 'the only Darug' at the CVW. She also expressed discontent that Nathan Moran gave the welcome to country, rather than Gordon. To her and Gordon, this is all offensive. She also expressed discontent that 'the Eora people' were spoken of, because in her view there is no such thing as the Eora.	Ben Christensen
Methodology/Presentation of Information/Delivery of AHIA				
All RAPs	-	18.1.16	Copy of draft AHIA provided for review and comment.	Alan Williams
AAS	Andrew Williams	7.2.16	Provided a response to the report indicating a displeasure with Extent Heritage and the consultation process.	Alan Williams
All RAPs	-	8.2.16	Provided a reminder that the report was to be finalised shortly.	Alan Williams
DLO	Jamie and Gordon Workman	8.2.16	Provided a response supporting the report and its findings. Requested they be involved in any future on-site works.	Alan Williams
DACHA	Celestine Everingham	17.2.16	Rang and indicated she was satisfied with the report and the recommendations. Disagreed with other comments questioning the consultation process or AHMS' personnel. Requested that the term 'Aboriginal', be replaced with 'Darug' to highlight the local group of the area.	Alan Williams

Appendix 1-2. Pre-Notification Documentation Sent and Received



Office of
Environment
& Heritage

Our reference: SF15/1617

Mr Ben Christensen
Heritage Anthropologist and Adviser
AHMS
2/729 Elizabeth Street
Waterloo
NSW 2017

Dear Mr Christensen,

Thank you for your letter dated 02/09/2015 to the Office of Environment and Heritage (OEH) regarding obtaining a list of the Aboriginal stakeholders that may have an interest in the proposed development at University of Sydney (City of Sydney LGA).

Before making an application for the issue of an Aboriginal Heritage Impact Permit, the applicant must carry out an Aboriginal community consultation process in accordance with the National Parks and Wildlife Regulation 2009 and completed to the stage described in subclause 80C.

Please find attached the list of Aboriginal stakeholders known to OEH that may have an interest in the project. OEH's list of regional stakeholders is a list of groups, organisations or individuals who may hold cultural knowledge relevant to a proposal in a region. Contact details are correct as at the time of registration. Consultation with Aboriginal people should not be confused with employment. Inclusion on the OEH's list is not an automatic right to employment. It is the decision of a proponent on who they choose to engage to deliver services based on a range of considerations including skills, relevant experience, and WHS considerations. To be clear, the proponent is under no obligation to employ Aboriginal people registered for consultation.

Further, receipt of this information does not remove the requirement of a proponent/consultant to advertise in local print media and contact other bodies seeking interested Aboriginal parties. Consultation with Aboriginal stakeholders must be in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* which can be found on the Office of Environment and Heritage (OEH) public website by accessing the following link:

<http://www.environment.nsw.gov.au/resources/cultureheritage/commconsultation/09781ACHconsultreq.pdf>

If you wish to discuss any of the above matters further please contact Fran Scully, Archaeologist, on (02) 9995 6830. Please note the change of mailing address below.

Yours sincerely,

S. Harrison 16/09/15
Susan Harrison
Senior Team Leader Planning
Greater Sydney Region
Regional Operations

LIST OF ABORIGINAL STAKEHOLDERS FOR THE METROPOLITAN/NORTH SHORE/NORTHERN BEACHES LGA'S HELD BY OEH FOR THE PURPOSES OF THE ABORIGINAL CULTURAL HERITAGE CONSULTATION REQUIREMENTS FOR PROPONENTS 2010

These lists are provided to proponents in accordance with section 4.1.2 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (the "Consultation Requirements") which commenced on 12 April 2010.

The consultation process involves getting the views of, and information from, Aboriginal people and reporting on these. It is not to be confused with other field assessment processes involved in preparing a proposal and an application. Consultation does not include the employment of Aboriginal people to assist in field assessment and/or site monitoring. Aboriginal people may provide services to proponents through a contractual arrangement however, this is separate from consultation. The proponent is not obliged to employ those Aboriginal people registered for consultation. Consultation as per these requirements will continue irrespective of potential or actual employment opportunities for Aboriginal people.

A copy of the Consultation Requirements can be found on the OEH website at:
<http://www.environment.nsw.gov.au/resources/cultureheritage/commconsultation/09781ACHconsultreq.pdf>.

Under the Consultation Requirements, a proponent is required to provide Aboriginal people who hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or places as relevant to the proposed project area, with an opportunity to be involved in consultation. Section 3.3.1 of the Consultation Requirements states that Aboriginal people who can provide this information are, based on Aboriginal lore and custom, the traditional owners or custodians of the land that is the subject of the proposed project.

The Consultation Requirements also state that:

Traditional owners or custodians with appropriate cultural heritage knowledge to inform decision making who seek to register their interest as an Aboriginal party are those people who:

- *continue to maintain a deep respect for their ancestral belief system, traditional lore and custom*
- *recognise their responsibilities and obligations to protect and conserve their culture and heritage and care for their traditional lands or Country*
- *have the trust of their community, knowledge and understanding of their culture, and permission to speak about it.*

Please note: the placement an organisation's name on any OEH Aboriginal stakeholder list for the Consultation Requirements does not override a proponent's requirement to also advertise in the local newspaper and to seek from other sources the names of any other Aboriginal people who may hold cultural knowledge as required under clause 80C of the National Parks and Wildlife Regulation 2009.

#	Organisation	Contact Name	Phone Number	Contact Address
1	Metropolitan Local Aboriginal Land Council	Nathan Moran	(02) 83949666	PO Box 1103 Strawberry Hills NSW 2016
2	Darug Aboriginal Cultural Heritage Assessments	Gordon Morton	02 9410 3665 or 0422 865 831	Unit 9, 6 Chapman Avenue, Chatswood, NSW 2067
3	Tocomwall	Scott Franks	0404 171 544	PO Box 76, Caringbah NSW 1495
4	Eric Keidge		04311 66423	11 Olsson Close Hornsby Heights NSW 2077
5	Gunyyuu	Darlene Hoskins-McKenzie	0413078011	dg Hoskinsmckenzie@gmail.com *This group's states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the snowy River
6	Walbunja	Hika Tekowhai	0402 730 612	Walbunja@gmail.com *This group's states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the snowy River
7	Badu	Karia Lea Bond	0476381207	11 Jeffery Place, Moruya, NSW 2537 *This group's states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the snowy River
8	Goobah Developments	Basil Smith	0405 995 725	66 Grantham Road, Batehaven NSW, 2536 *This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the snowy River
9	Wullung	Lee-Roy James Boota	0403703942	54 Blackwood Street,

				Gerringong, NSW, 2534 *This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the snowy River
10	Yerramurra	Robert Parson	Not provided	yerramurra@gmail.com *This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the snowy River
11	Nundagurri	Newton Carriage	Not Provided	nundagurri@gmail.com *This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the snowy River
12	Murrumbul	Levi McKenzie-Kirkbright	Not provided	murrumbul@gmail.com *This group's states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the snowy River
13	Jerringong	Joanne Anne Stewart	0422800184	jerringong@gmail.com *This group's states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the snowy River
14	Pemulwuy CHTS	Pemulwuy Johnson	0425 066 100	pemulwuyd@gmail.com 14 Top Place, Mt Annan *This group's states that their boundaries (Murrin Peoples) extend from the Hawkesbury

15	Aaron Broad				River to the snowy River
16	Munyunga	Peter Foster	0402 526 888	0432 590 289	6A Isabella Place Kiama, NSW 2533 4 Tuppal Way, Airds NSW 2560 Kooripeter@yahoo.com *This group is part of the Central Murrin collective (Yuin Nation). This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River
17	Bilinga	Christopher Payne	0466 975 437		9/15/22 Burns Road, Leumeah NSW 2560 cipayne15@gmail.com *This group is part of the Central Murrin collective (Yuin Nation). This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River
18	Murrinbul	Larry Hoskins	0478 009 879		2/3 Colville Place, Rosemeadow NSW 2560 Larryhoskins58@hotmail.com *This group is part of the Central Murrin collective (Yuin Nation). This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River
19	Wingikara	David Bell	0450 124 891		67 Dickens Road, Ambarvale NSW 2560 youngspiritmentoring@gmail.com *This group is part of the Central Murrin collective (Yuin Nation).

				This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River
20	Wongai	Pimmy Johnson Bell	0425 066 100	67 Dickens Road, Ambarvale NSW 2560 youngspiritmentoring@gmail.com *This group is part of the Central Murrin collective (Yuin Nation). This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River
21	Gunyyuu	Teangi Mereki Foster	0420 978 969	1/6 Central Avenue, Oak Flats NSW 2529 Mrleo@live.com *This group is part of the Central Murrin collective (Yuin Nation). This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River

3 September 2015

Ms Sue McIntyre-tamwoy**Archaeologist****Archaeological & Heritage Management Solutions Pty Ltd****2/729 Elizabeth Street****WATERLOO NSW 2017**

Our Reference: 15130

Your Reference: 266

Dear Sue

Native Title Search Results for City of Sydney Local Government Area

Thank you for your search request received on 2 September 2015 in relation to the above area.

Search Results

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

Register Type	NNTT Reference Numbers
Schedule of Applications (unregistered claimant applications)	Nil
Register of Native Title Claims	Nil
National Native Title Register	Nil
Register of Indigenous Land Use Agreements	Nil
Notified Indigenous Land Use Agreements	Nil

At the time this search was carried out, there were **no relevant entries** in the above databases.

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.



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.

If you have any further queries, please do not hesitate to contact me on the number below or on the free call number 1800 640 501.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'D Drake'.

Dianne Drake | CASE MANAGER

National Native Title Tribunal | Sydney Office, Operations East

Telephone (02) 9227 4007 | Facsimile (02) 9227 4030 | Email dianne.drake@nntt.gov.au

Freecall 1800 640 501 | www.nntt.gov.au

Shared country, shared future.



Searching the NNTT Registers in New South Wales

Search service

On request the National Native Title Tribunal may search its public registers for you. A search may assist you in finding out whether any native title applications (claims), determinations or agreements exist over a particular area of land or water.

In New South Wales native title cannot exist on privately owned land including family homes or farms.

What information can a search provide?

A search can confirm whether any applications, agreements or determinations are registered in a local government area. Relevant information, including register extracts and application summaries, will be provided.

In NSW because we cannot search the registers in relation to individual parcels of land we search by local government area.

Most native title applications do not identify each parcel of land claimed. They have an external boundary and then identify the areas not claimed within the boundary by reference to types of land tenure e.g., freehold, agricultural leasehold, public works.

What if the search shows no current applications?

If there is no application covering the local government area this only indicates that at the time of the search either the Federal Court had not received any claims in relation to the local government area or the Tribunal had not yet been notified of any new native title claims.

It does not mean that native title does not exist in the area.

Native title may exist over an area of land or waters whether or not a claim for native title has been made.

Where the information is found

The information you are seeking is held in three registers and on an applications database.

National Native Title Register

The National Native Title Register contains determinations of native title by the High Court, Federal Court and other courts.

Register of Native Title Claims

The Register of Native Title Claims contains applications for native title that have passed a registration test.

Registered claims attract rights, including the right to negotiate about some types of proposed developments.

Register of Indigenous Land Use Agreements

The Register of Indigenous Land Use Agreements contains agreements made with people who hold or assert native title in an area.

The register identifies development activities that have been agreed by the parties.

Schedule of Native Title Applications

The Schedule of Native Title Applications contains a description of the location, content and status of a native title claim.

This information may be different to the information on the Register of Native Title Claims, e.g., because an amendment has not yet been tested.

How do I request a native title search?

Download the Search Request Form from the Tribunal's website at -

<http://www.nntt.gov.au/assistance/Pages/Searches-and-providing-Register-information.aspx>

Email to: NSWEnquiries@nntt.gov.au

Post to: GPO Box 9973 Sydney NSW 2001

For additional enquiries: 02 9227 4000

Alan Williams

From: Margaret Bottrell <margaret.bottrell@lls.nsw.gov.au>
Sent: Wednesday, 2 September 2015 1:01 PM
To: Ben Christensen
Subject: Re: Request for Information on Aboriginal Stakeholders for an Aboriginal Heritage Impact Assessment at the University of Sydney, Camperdown and Darlington Campuses

To Ben Christenson,

Under the act that we work, I am not allowed to pass on the information that you requested in your letter dated 2 September 2015 **Re: Request for Information on Aboriginal Stakeholders for an Aboriginal Heritage Impact Assessment at the University of Sydney, Camperdown and Darlington Campuses.**

The Greater Sydney Local Land Services (former Catchment Management Authority) has no interest in this project, and will pass your letters on to the members of our Advisory Committee for their information. If they comment on this, it is an individual person and not a representative of the Greater Sydney Local Land Services.

Regards

--

Margaret Bottrell Senior Strategic Land Services Officer
(Aboriginal Communities)

Greater Sydney Local Land Services

NSW Government Office Block Level 4, 2-6 Station Street Penrith

PO Box 4515 Penrith Westfields NSW 2750

T: 02 4725 3049 F: 02 4725 3088

E: margaret.bottrell@lls.nsw.gov.au

W: <http://www.lls.nsw.gov.au>

This message is intended for the addressee named and may contain confidential information. If you are not the intended recipient, please delete it and notify the sender. Views expressed in this message are those of the individual sender, and are not necessarily the views of their organisation.

Alan Williams

From: Lee Davison <ldavison@metrolalc.org.au>
Sent: Monday, 7 September 2015 1:15 PM
To: Ben Christensen
Cc: Nathan Moran
Subject: Request for Information on Aboriginal Stakeholders for an Aboriginal Heritage Impact Assessment at the University of Sydney, Camperdown and Darlingtown Campuses.
Attachments: PreNotification LALC.PDF

Hi Ben

As the legislative representative body responsible for the protection and promotion of Aboriginal culture and heritage within our boundaries, MLALC would be happy to provide information, statements and inspections regarding the project outlined in your correspondence.

As the project area lies within our boundaries, we take responsibility and custodianship where there are no Native Title holders, in which there are none to at this point.

I look forward to working with you in up and coming stages of the project.

For any further information please do not hesitate to contact me.

Regards,

Lee Davison
Culture and Heritage Officer
<image001.png>
Metropolitan Local Aboriginal Land Council (MLALC)
36-38 George St, Redfern NSW 2016 | PO Box 1103, Strawberry Hills NSW 2012
B:(02) 8394 9666 | F: (02)8394 9733 | W: www.metrolalc.org.au

Dear Nathan,

AHMS is undertaking an Aboriginal Heritage Impact Assessment (AHIA) at the University of Sydney, for the University of Sydney, ahead of their planned redevelopment there.

As part of this AHIA we are initiating Aboriginal consultation in accordance with OEH guidelines. As part of this process, we are required to contact relevant parties to identify potential Aboriginal stakeholders in the area, with whom we should consult on the project. Can you please provide such information as soon as possible – I have attached a letter elaborating further.

Thanks,

Ben Christensen, Heritage Anthropologist and Adviser |

Email: bchristensen@ahms.com.au |

2/729 Elizabeth Street, Waterloo, NSW 2017

P: 02 9555 4000 | F: 02 9555 7005 | www.ahms.com.au

My mobile (Mon-Wed during business hours): 0405 627 097|





3 September 2015 ref: OE&H : 3-9-2015/1

AHMS
2/729 Elizabeth Street
Waterloo NSW 2017

Dear Sir or Madam

Aboriginal Cultural Heritage Assessment

**Re-Develop six future Campus Improvements- Camperdown and Darlington
Campuses.**

I refer to your letter of 2 September 2015 regarding the above matter.

We acknowledge that section 4.1.2 of the Office of Environment & Heritage's *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* require you to contact us in order to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or places.

However, we advise that NTSCORP's privacy guidelines restrict us from providing proponents with contact details of traditional owners who may have such an interest or hold such knowledge.

Please be advised that, in response to your notification, we will forward your correspondence to any individuals, groups and organisations whom NTSCORP is aware assert traditional interests within or hold cultural knowledge about the relevant area. Recipients of our correspondence will be invited to register their interest in the project directly with you ASAP.

Please be aware that NTSCORP cannot make a guarantee or undertaking that the recipients of our correspondence represent the entirety of traditional owners for the relevant area.

Yours faithfully,

A handwritten signature in blue ink, appearing to read "G. Tonna", is written over the typed name and title.

George Tonna
Land & Notifications Officer
NTSCORP Limited

Alan Williams
2/729 Elizabeth Street
WATERLOO NSW 2017

11 September 2015

Dear Alan

Re: Request - Search for Registered Aboriginal Owners

I refer to your letter dated 2 September 2015 regarding Aboriginal Stakeholders within the area of Camperdown and Darlington Campuses NSW.

I have searched the Register of Aboriginal Owners and the project area described *does not appear* to have Registered Aboriginal Owners pursuant to Division 3 of the *Aboriginal Land Rights Act 1983 (NSW)*.

I suggest that you contact the Metropolitan Local Aboriginal Land Council. They will be able to assist you in identifying other Aboriginal stakeholders for this project (02) 8394 9666

Yours sincerely



Sally Porter
Administration Officer
Office of the Registrar, *Aboriginal Land Rights Act (1983)*

23 October 2015

Alan Williams
Manager NSW – Aboriginal Heritage
AHMS
2/729 Elizabeth St
Waterloo NSW 2017

11-13 Mansfield Street
Glebe NSW 2037
PO Box 112, Glebe NSW 2037
P 02 9562 6327 F 02 9562 6350

Dear Alan

Aboriginal Land Claim (ALC) Search

I refer to your email dated 23 September 2015 to search the Register of Aboriginal Land Claims database in relation to land described by you as, please see attached list.

I have searched the database and the subject land described by you *does not appear* on the Register as being affected by an ALC pursuant to sections 36 or 37 of the *Aboriginal Land Rights Act 1983*.

I note that land across NSW with older land descriptors such as "portion, REF & TSR" may have been allotted new descriptors as part of the Crown Conversion Project and many land parcels now have "Lot & DP" numbers. The ALC database lists the land descriptor at the date of lodgement and as such may not include an updated land descriptor. If this may affect the land that you've described, we advise that you contact the Aboriginal Land Claims Investigation Unit on (02) 8236 7011.

Regards



Kelly Bashford
Directorate Support Officer
Office of the Registrar, *Aboriginal Land Rights Act 1983*

I have searched the database and the subject land described by you *does not appear* on the Register as being affected by an ALC pursuant to sections 36 or 37 of the *Aboriginal Land Rights Act 1983*.

1//1015070
1//1016390
1//1038854
1//115427
1//137172
1//154462
1//165921
1//179963
1//185534
1//33326
1//443003
1//58304
1//65913
1//69635
1//741368
1//778864
1//790620
1//794841
1//832273
1//84069
1//86270
1//89825
1//996629
1//996657
1//996658
1//996659
1//996660
1//996661
1//996662
1//996663
1//999707
1/32/111120
1/33/111120
10//33326
10/33/111120
10/34/111120
101//813594
101//819559
103//844695
104//844695
11//33326
11925-3000
11925-3000
11925-3000
12//33326
12/32/111120

13/32/111120
14/32/111120
16/33/111120
17/33/111120
18//86312
18/33/111120
19/33/111120
2//1015070
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2//154462
2//33326
2//996629
2//996658
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2/32/111120
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6//783425
7//33326
8//33326
8/33/111120
9//33326
9/33/111120
9/34/111120
A//185532
A//436059
A//446794
A//447221
A//447330
B//431723
B//436059
B//446794
B//447221
B//447330
C//446794
C//447221
D//446794
D//447221
E//446794
F//446794
PT1//137172
PT1/34/111120
PT11/34/111120
PT15/33/111120
PT2/34/111120
PT3/34/111120
PT7/33/111120
PT7/33/111120

Appendix 1-3. Notification Documentation Sent and Registrations Received



AHMS

HERITAGE
ADVISORS TO
AUSTRALIA
AND THE
ASIA PACIFIC

ABN 45 088 058 388
ACN 088 058 388

www.ahms.com.au
info@ahms.com.au

SYDNEY
2/729 Elizabeth St
Waterloo NSW 2017
P 02 9555 4000
F 02 9555 7005

MELBOURNE
2/35 Hope St
Brunswick VIC 3056
P 03 9388 0622

PERTH
25/108 St Georges Tce
Perth WA 6000
P 08 9381 5206

Date

Name

Address

Re: Aboriginal Heritage Impact Assessment at the University of Sydney, Camperdown and Darlington Campuses – Notification.

Dear **Name**,

In accordance with the NSW Office of Environment and Heritage's (OEH) *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*, I am writing to notify you that AHMS have been engaged by the University of Sydney to undertake an Aboriginal Heritage Impact Assessment for the Camperdown and Darlington Campuses (**Figure 1**), to inform proposed redevelopment of six Campus Improvement Program (CIP) precincts (**Figure 2**). Maps of the subject area are enclosed.

The land in question is within the City of Sydney Local Government Area (LGA). The proponent is The University of Sydney, and contact details are: Ian Kelly, E: ian.kelly@sydney.edu.au, T: 02 9351 2222.

The results of the Aboriginal Heritage Impact Assessment will be incorporated into the University of Sydney planning and development of the area. AHMS will be undertaking the assessment in accordance with the relevant OEH *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* guidelines. An important part of the assessment will be Aboriginal community consultation that aims to identify the Aboriginal cultural heritage within the subject area, including the cultural values and places of importance to the Aboriginal community.

We are inviting registrations from Aboriginal individuals and/or organisations, who may hold relevant cultural knowledge for determining the Aboriginal cultural heritage of the area, and who wish to be involved in the community consultation process

If you or your organisation are interested in being part of the consultation process, please provide a registration of interest to:

Alan Williams

Address: AHMS, 2/729 Elizabeth Street, Waterloo NSW 2017;

Phone: 02 9555 4000;

Fax: 02 9555 7005;

Email: awilliams@ahms.com.au.

Registrations are requested by **Date**

To assist us with communicating project information effectively could you please include the following information in your registration of interest:

1. A clear identification of the organisation registering an interest in the project;
2. Your preferred method of communication with AHMS and the proponent during consultation for this project, including a nominated contact person and contact details;
3. Comment on the level of consultation / project involvement you require (Do you wish to attend any meetings (or fieldwork if required)? Do you simply want a copy of the final report?);
4. If you wish to be involved in any meetings/fieldwork, please ensure we have current copies of your public liability, workers compensation and professional indemnity (if available) insurances as soon as possible.

As part of the consultation process we are obliged to provide the contact details of organisations and individuals who register an interest to the Office of Environment & Heritage, and relevant LALC, unless instructed otherwise. Please advise us if you do not wish this to occur.

Please also consider the following, but note that these issues can also be discussed over the course of the project:

1. Guidance on the protocols, sensitivity, use and/or distribution of any cultural information that you provide to AHMS and the proponent as part of this project;
2. Identification of any Aboriginal objects or places of cultural significance that you are aware of within or in the vicinity of the proposed activity area.

Please don't hesitate to contact me on (02) 9555 4000 if you have any queries or concerns.

Yours sincerely,

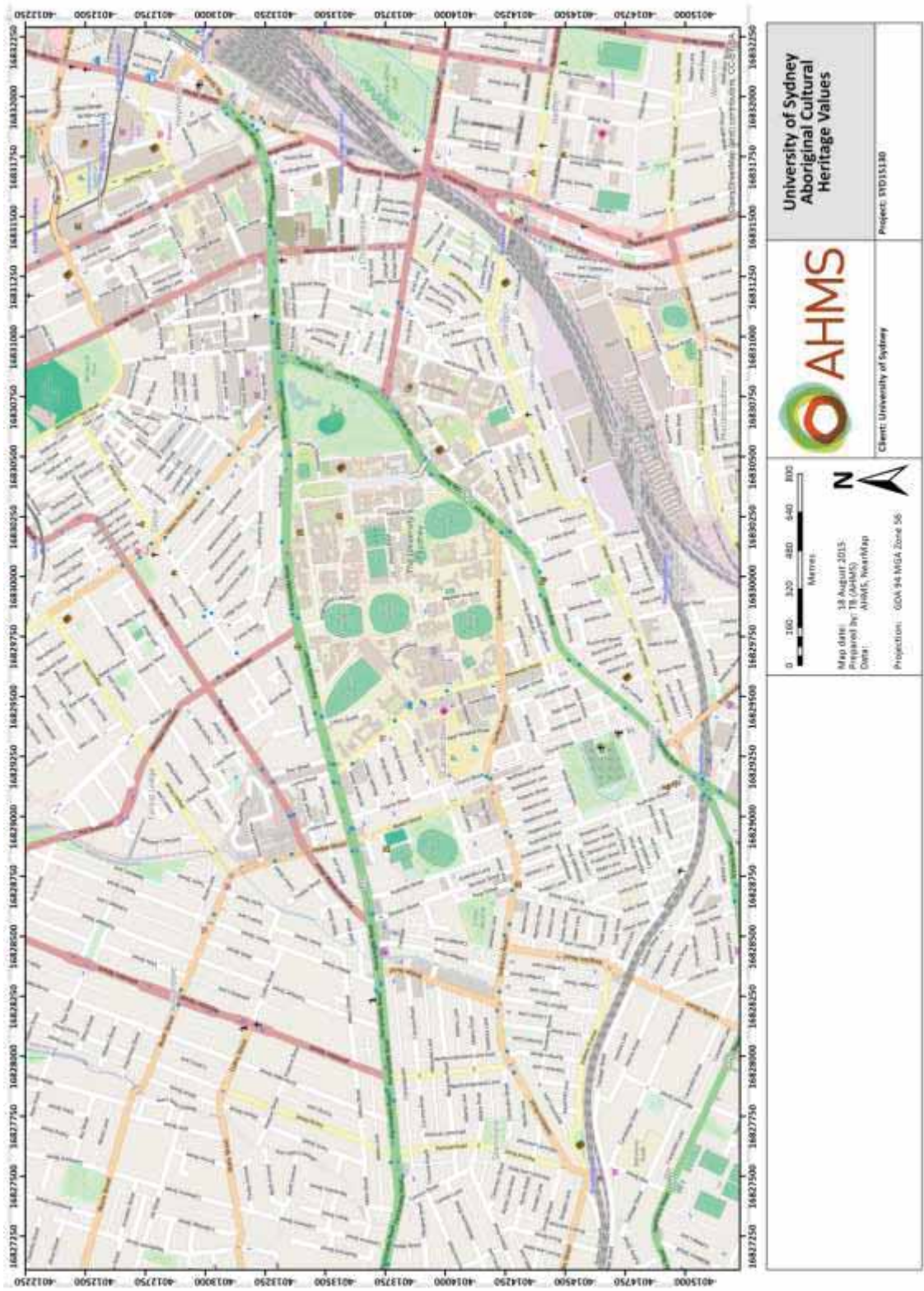


Figure 1: Location of the University of Sydney, Camperdown and Darlington.

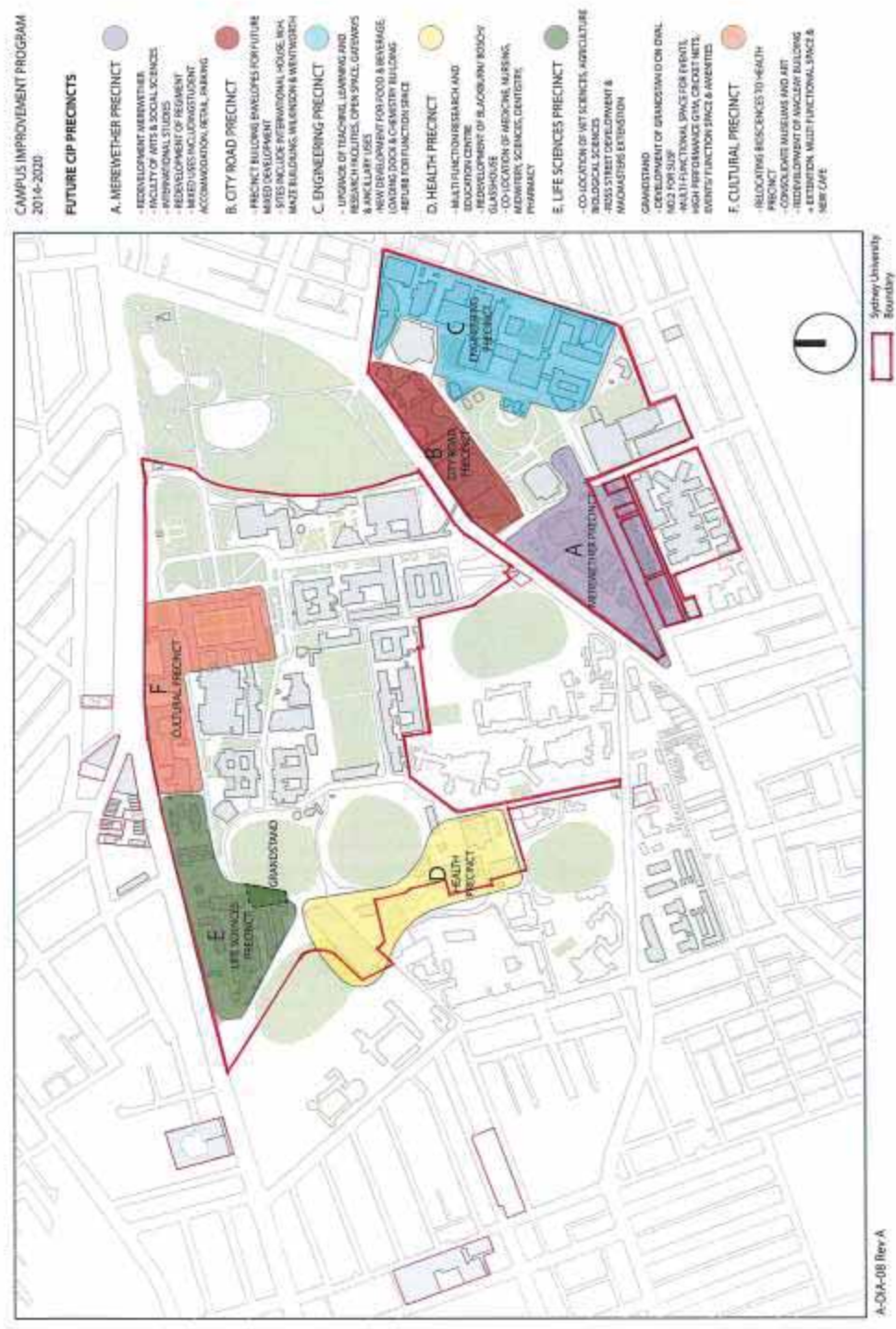


Figure 2: Map of the study area showing the locations of the proposed six future CIP precincts.

Alan Williams

From: Gulaga <gulagachts@gmail.com>
Sent: Monday, 5 October 2015 1:33 PM
To: Alan Williams
Subject: Aboriginal Heritage Impact Assessment at the University of Sydney, Camperdown and Darlington Campuses – Notification.
Attachments: Gulaga Insurance Documents.pdf

Alan Williams

I wish to register my expression of interest for the above project. The organisation that we represent is Gulaga, traditional owners. Gulaga wish to be involved in all levels of consultation/project involvement. All correspondence during the consultation for this project should be emailed to this address. We also wish to be involved in any fieldwork so have attached copies of our insurance. Thankyou.

--

Kind Regards
Wendy Smith
Cultural Heritage Officer
Gulaga

This email may contain privileged information. Privilege is not waived if it has been sent to you in error, or if you are not the intended recipient. Please immediately notify me and delete the email if you have received this in error.

Alan Williams

From: Murramarang <murramarangchts@gmail.com>
Sent: Sunday, 4 October 2015 1:57 PM
To: Alan Williams
Subject: Aboriginal Heritage Impact Assessment at the University of Sydney, Camperdown and Darlington Campuses – Notification.
Attachments: Murramarang Public Liability.pdf; murramarang workers comp.pdf

Dear Alan,

Murramarang, traditional owners would like to register our expression of interest in the above project. Our preferred method of consultation is by email. We would like to be involved in all aspects of consultation. Our insurances are attached as we would like to be involved in any fieldwork that may be required. Thankyou

--

Kind Regards
Roxanne Smith
Cultural Heritage Officer
Murramarang

This email may contain privileged information. Privilege is not waived if it has been sent to you in error, or if you are not the intended recipient. Please immediately notify me and delete the email if you have received this in error.

Alan Williams

From: Cullendulla <cullendullachts@gmail.com>
Sent: Monday, 5 October 2015 1:41 PM
To: Alan Williams
Subject: Aboriginal Heritage Impact Assessment at the University of Sydney, Camperdown and Darlington Campuses – Notification.
Attachments: cullendulla workers compensation.pdf; GIO Mobile Business Protect Certificate of Currency GPM004040495.pdf

Alan Williams

I wish to register Cullendullas expression of interest in the project at Riverbank Square. Our preferred method of communication is by email. We wish to be involved in all levels of consultation and be involved in any fieldwork involved, so i have attached our insurances. Thankyou

--

Kind Regards
Corey Smith
Cultural Heritage Officer
Cullendulla

This email may contain privileged information. Privilege is not waived if it has been sent to you in error, or if you are not the intended recipient. Please immediately notify me and delete the email if you have received this in error.



**DARUG LAND
OBSERVATIONS PTY
LTD
ABN 27 602 765 453**

**Email: daruglandobservations@gmail.com
PO BOX 571 PLUMPTON NSW 2761
Mobile: 0420 591 138**

16th September 2015

Alan Williams
AHMS
2/729 Elizabeth Street
WATERLOO NSW 2017

Notification and Registration of ALL Aboriginal Interests

**RE: University of Sydney, Redevelop six future campus improvements –
Camperdown and Darlington Campuses, NSW**

Aboriginal Archaeological & Cultural Heritage Assessment

Dear Alan,

Please be advised that Darug Land Observations Pty Ltd is seeking to be involved in any and all consultation meetings and fieldwork.

This office specialises in Aboriginal and community consultations, and has a membership that comprises of Traditional owners from the area in question. Those retain strong story, song lines, oral history and continued contact.

We would also like to state that we do not accept or support any person or organisation that are NOT from the DARUG Nation that comments regarding the said area.

Please also be advised that this Aboriginal organisation does not do volunteer work or attend unpaid meetings. I hope that you advise your client of this so that, 'This Group', will not be discriminated against and refused paid fieldwork. DLO's rate is \$440 half day (less than 4 hours) and \$880 per day (flat rate), including GST.

All correspondence should be emailed to: daruglandobservations@gmail.com and any further consultation during this project can be directed to Jamie Workman.

Yours sincerely,

Jamie Workman

Uncle Gordon Workman

Darug Land Observations Pty Ltd

Darug Elder

Alan Williams

From: Alan Williams
Sent: Thursday, 17 September 2015 9:04 AM
To: Ben Christensen
Subject: FW: Expressions of Interest - University of Sydney, Camperdown and Darlington Campuses
Attachments: Expressions of Interest letter AHMS (Uni of Sydney).docx

[For filing and noting in log](#)

From: Jamie Workman [<mailto:daruglandobservations@gmail.com>]
Sent: Wednesday, 16 September 2015 8:22 PM
To: Alan Williams
Subject: Expressions of Interest - University of Sydney, Camperdown and Darlington Campuses

Hi Alan,

Please see attached Expressions of Interest letter for Aboriginal Cultural Heritage Assessment to redevelop six future campus improvements at the University of Sydney, Camperdown and Darlington Campuses.

Kind Regards,

Jamie Workman
Darug Land Observations Pty Ltd

Alan Williams

From: Carmel Prunty
Sent: Friday, 9 October 2015 11:48 AM
To: Alan Williams
Subject: FW: Proposal for site work at Camperdown

From: Chris Payne [<mailto:centralmurrin@gmail.com>]
Sent: Friday, 9 October 2015 11:39 AM
To: AHMS Admin
Subject: Fwd: Proposal for site work at Camperdown

----- Forwarded message -----

From: "Chris Payne" <centralmurrin@gmail.com>
Date: 09/10/2015 10:58 AM
Subject: Proposal for site work at Camperdown
To: <awilliams@ahms.com>
Cc:

Hello mr A williams

Just to sending our interests in the opportunity for work at Darlington campus. Our stake holder's of central murrin regard this particular area as highly significant as there is a bay close by that would of provided a good food source the area also because of it's hight it would have provided good shelter because of trees and to see any wildlife or tribes interning country indeed the whole Sydney basin would of had been a high population

Our stakeholder are interested in the investigation of this site as we believe for the reason above thank you with kind regards billinga

Central murrin

All correspondence will sent to

Bilinga centralmurrin@gmail.com

0466975437

Central murrin would like involved in any meeting or field work if needed..chris payne

Bilinga public liability insurance company is GIO policy number is GS00412927

Peter foster (

Munyinga) public liability GIO GS00412930...

Alan Williams

From: Carmel Prunty
Sent: Friday, 9 October 2015 11:28 AM
To: Alan Williams
Subject: FW: Proposal for site work at Camperdown

From: Chris Payne [<mailto:centralmurrin@gmail.com>]
Sent: Friday, 9 October 2015 11:07 AM
To: AHMS Admin
Subject: Fwd: Proposal for site work at Camperdown

----- Forwarded message -----

From: "Chris Payne" <centralmurrin@gmail.com>
Date: 09/10/2015 10:58 AM
Subject: Proposal for site work at Camperdown
To: <awilliams@ahms.com>
Cc:

Hello mr A williams

Just to sending our interests in the opportunity for work at Darlington campus. Our stake holder's of central murrin regard this particular area as highly significant as there is a bay close by that would of provided a good food source the area also because of it's hight it would have provided good shelter because of trees and to see any wildlife or tribes interning country indeed the whole Sydney basin would of had been a high population

Our stakeholder are interested in the investigation of this site as we believe for the reason above thank you with kind regards billinga

Central murrin

All correspondence will sent to

Bilinga centralmurrin@gmail.com

0466975437

Central murrin would like involved in any meeting or field work if needed..chris payne

Bilinga public liability insurance company is GIO policy number is GS00412927

Peter foster (

Munyinga) public liability GIO GS00412930...