



23 Fisher Road, Dee Why

Aboriginal Objects Due Diligence Assessment

Prepared for Rose Group

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Cover photograph: Pacific Lodge at 23 Fisher Road, Dee Why

Executive summary

This report presents the results of an Aboriginal objects due diligence assessment for Rose Group. This assessment considered the proposed development on 23 Fisher Road (Lot 11, DP577062) within the suburb of Dee Why, NSW, and its potential to harm or cause harm to Aboriginal objects.

Niche Environment and Heritage Pty Ltd was commissioned by Rose Group to conduct the Aboriginal Objects Due Diligence Assessment to satisfy the National Parks and Wildlife Regulation 2010 and the Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales 2010, and discharge obligations under these instruments and the National Parks and Wildlife Act 1974 with regard to harming Aboriginal objects.

The project site is located within the suburb of Dee Why, NSW, within the Northern Beaches of Greater Sydney, approximately 18 km north-east of Sydney's Central Business District. The Subject Area is defined as 23 Fisher Road or Lot 11, DP 577062 and comprises 1.1ha.

A review of AHIMS, the landscape context, landscape features and historical air photos was conducted. There were no registered Aboriginal sites within 300 m of the Subject Area. Sandstone outcropping was identified as a landscape feature within the Subject Area sensitive to the presence of Aboriginal Objects however the review of historical air photos suggested a high degree of excavation, landscaping and disturbance which would reduce that sensitivity.

A site inspection was conducted on 12 September 2011 by Craig Redfern (NSW & ACT Manager for Capital Works/Development, Salvation Army) and Jamie Reeves (Niche Environment and Heritage). No Aboriginal Objects were identified.

The assessment concludes that the proposed activities do not present a risk of harm to Aboriginal objects. This is because Aboriginal objects are not likely to be present in the same area as the impact footprint. The principal reasons for this conclusion are:

- The level of past land use disturbance having disturbed or removed past soil landscapes
- The length of time that the area has been used (and therefore highly modified); and
- There are no previously recorded Aboriginal objects in close proximity the property
- All visible rock outcropping has been inspected within the Subject Area and no cultural features identified.

The extensive historical modification of the site, including building phase in the 1920s, 1960s and 1980s/1990s, have significantly altered the landscape resulting in the loss of any Aboriginal archaeological potential on the site.

Aboriginal objects are not present, and are not likely to occur on site, and hence there are no constraints to the development from Aboriginal objects.

An Aboriginal Heritage Impact Permit (AHIP) is not required.

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1. Introduction

This report presents the results of an Aboriginal objects due diligence assessment for the Rose Group. This assessment considered the proposed Salvation Army Housing Development for 23 Fisher Road (Lot 11, DP577062) within the suburb of Dee Why, NSW, and its potential to harm or cause harm to Aboriginal objects.

This Aboriginal objects due diligence assessment was prepared by Clare Anderson of Niche Environment and Heritage (Niche). This assessment follows the process described in the DECCW 2010 *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (hereafter referred to as ‘the Due Diligence Code’).

1.1 Location

The project site is located within the suburb of Dee Why, NSW, within the Northern Beaches of Greater Sydney, approximately 18km north-east of Sydney’s Central Business District (Figure 1, Figure 2). The Subject Area is defined as 23 Fisher Road or Lot 11, DP 577062 and comprises 1.1ha. It is bound by Fisher Road to the west, St David’s Avenue to the south and partially bound by Civic Parade to the east. The property forms part of the Dee Why Civic District and is approximately 1.1km west of the current coast line.

1.2 Proposed Works

The property is zoned B4 Mixed Use. The Salvation Army is proposing to upgrade the facilities at the Pacific Lodge Aged Care Facility at Dee Why. A concept plan has been developed (Figure 2). The proposed works will involve excavation, landscaping and construction.

1.3 Regulatory and Assessment Framework

1.3.1 The National Parks and Wildlife Act 1974 (NSW)

Part 6 of the National Parks and Wildlife Act 1974 (NSW) (the NPW Act) is dedicated to the management and protection of Aboriginal objects and Aboriginal places in New South Wales. The NPW Act establishes three tiers of offence for harming Aboriginal objects:

- Knowing desecration or harm of an Aboriginal object (s.86(1))
- Harm of an Aboriginal object - strict liability (s.86(2))
- Desecration or harm of an Aboriginal place – strict liability (s.86(4))

Section 87 of the NPW Act establishes defences against prosecution under s.86(1), (2) or (4). The defences are as follows:

- An Aboriginal Heritage Impact Permit (AHIP) authorising the harm (s.87(1)).
- Exercising due diligence to establish Aboriginal objects will not be harmed (s.87(2))
Due diligence may be achieved by compliance with requirements set out in the National Parks and Wildlife Regulation 2009 (the NPW Regulation) or a code of practice adopted or prescribed by the NPW Regulation (s.87(3)).
- Undertaking “low impact” activities (s.87(4)).

1.3.2 The National Parks and Wildlife Regulation 2009 (NSW)

The NPW Regulation 2009 (cl.80A) assigns the Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW (NSW Department of Environment, Climate Change and Water 2010)(the Code) as one of the codes of practice that can be complied with pursuant to s.87 of the NPW Act.

In addition the NPW Regulation describes “certain low impact activities” in s.80B. A percentage of the proposed works may fall under the category of ‘low impact activity’ as defined by cl.80B(4)(e) an activity on land that has been disturbed that comprises exempt development or was the subject of a complying development certificate issued under the Environmental Planning and Assessment Act 1979.

Disturbed land is defined by cl.80B(4) as “disturbed if it has been the subject of a human activity that has changed the land’s surface, being changes that remain clear and observable”. Examples given in the notes to cl.80B(4) include: construction of roads, trails and tracks (including fire trails and tracks and walking tracks); clearing of vegetation; construction of buildings and the erection of other structures; construction or installation of utilities and other similar services (such as above or below ground electrical infrastructure, water or sewerage pipelines, stormwater drainage and other similar infrastructure); construction of earthworks associated with anything referred to in paragraphs (a)-(g).

For the purposes of this assessment will assume that the proposed works do not meet the criteria for low impact activity and therefore requires due diligence assessment.

1.3.3 The Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales 2010.

The generic Code of Practice for the protection of Aboriginal Objects describes the process that must be followed and the actions that must be taken by a proponent, and the site conditions that must be satisfied, to show due diligence in the consideration of potential harm to Aboriginal objects.

The process set out in the Codes involves consideration of harm to Aboriginal objects at increasing levels of detail, with increasing levels of information used to support the decisions being made. The considerations result in a determination of whether or not:

- Harm to Aboriginal objects is likely to occur and hence further approval (an AHIP) under the NPW Act is required before project activities can be undertaken, or;
- Harm is unlikely and hence the proponent has met and discharged all due diligence obligations for the protection of Aboriginal objects under the Code.

1.4 Aims

The following Aboriginal heritage issues were identified during a pre-DA meeting with the proponent and Warringah Council:

- **Clause 83 - Development of known or potential archaeological sites**

Before granting an application for consent to development on an archaeological site or a potential archaeological site (except if such development does not disturb below-ground relics and any aboveground relics would not be adversely affected).

A preliminary inspection by a qualified Aboriginal heritage professional is to be conducted with regards to the impact of the development upon the rock outcrops on the site. If sandstone outcrops would not be impacted by the development (and if any outcrops that were present were properly protected during works), then no further assessment would be required and the

Aboriginal Heritage Office would not foresee any further Aboriginal heritage constraints on the proposal

The project brief has been developed to meet the above issue and to satisfy the National Parks and Wildlife Regulation 2010 and the Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales 2010, and discharge obligations under these instruments and the National Parks and Wildlife Act 1974 with regard to harming Aboriginal objects.

The project brief required a:

- A review of existing information and previous studies;
- Site inspection;
- Data analysis;
- Preparation of a Due Diligence Assessment;
- A Brief Historical Overview of the Site and its Heritage Significance including AHIMS results, predicted Aboriginal use of the landscape, historical maps and photos;
- A general description of the work area, site conditions and use, Salvation Army proposed scope of works, soils and environmental information and any other information available and observations made during site inspections;
- An assessment of the significance of the project subject site;
- Review relevant policies;
- An assessment of heritage risk of the proposed works; and,
- Recommendations/mitigation measures to reduce potential heritage impacts.

1.5 Consultation

There has been no consultation with the Aboriginal Community in regards to this due diligence assessment.

As detailed below, the assessment found that there is no risk of harm to Aboriginal objects from the proposed works, therefore further consultation with the Aboriginal community (as required by Part 6 of the National Parks and Wildlife Act 1974) was not considered to be necessary.

2. Due Diligence Assessment

Is the proposed activity a low impact activity as defined by the Regulation?

No.

The activity is not a low impact activity because the development and the construction of new dwellings and associated infrastructure are not one of the low impact activities defined under section 80B of the *National Parks and Wildlife Regulation 2009* ('the Regulation').

Step 1. Will the activity disturb the ground surface?

Yes.

The proposed activity would include excavation of the existing soil profile, demolition of a number of existing structures and the construction of new dwellings and associated infrastructure. These proposed activities would significantly disturb the ground surface and impact the existing environment.

Step 2a. Are there any relevant confirmed site records or other associated landscape feature information on AHIMS?

Yes.

An extensive AHIMS search (AHIMS Search ID #336078) was conducted on 28 March 2018 over a 3 km² area centring on the Subject Area. The search parameters were Datum: GDA, Zone : 56, Easting : 337214 - 344714, Northing : 6260561 - 6267561 with a Buffer of 0 meters. One hundred and thirteen (113) previously recorded sites were identified in the AHIMS search, none of which occur within 300 m of the Subject Area (Annex 1). The nearest registered Aboriginal site to the Subject Area is situated approximately 700 m to the south. The AHIMS search results are shown in Figure 4.

The majority (79%) of Aboriginal sites identified in the search contained Art (Pigment or Engraving) features and were associated with sandstone outcropping. These sites typically had multiple components or features such as; grinding grooves, waterholes, artefacts, shell middens, quarries or stone arrangements. shell middens without art, were the next most common site type, comprising 11% of the search records. The remainder of sites comprised artefact, grinding groove, ceremony and dreaming, resource and gathering, and potential archaeological deposits. Most of the registered sites are located in areas of minimal development and within close proximity to water.

The Subject Area is situated in a transitional zone between the Hawkesbury and the Newport Soil Landscapes (Figure 5). The majority of the Subject Area is made up of the Hawkesbury soil landscape. This is a colluvial soil, typically found on rolling to very steep hills with relief 40-200m and slopes >25%. The dominant soils include a loose coarse quartz sand to sandy loam which occurs as a topsoil (A Horizon), an earthy yellowish brown sandy clay loam associated with bedrock (B or C Horizon) and a light pedal clay associated with bedrock (B or C Horizon). Soil profile available on NSW Natural Resource Atlas (accessed 28 March 2018) within 1km of the Subject Area suggest an A Horizon of <70cm. Hawkesbury sandstone outcrops occur as horizontal benches and broken scarps. Boulder and cobbles cover up to 50% of the ground surface. Narrow lenses of shale and laminate can occur.

Where rock outcrops are present in the Subject Area, there is the potential for Aboriginal sites to occur. The slow formation of colluvial soils is also suitable for accumulating and preserving Aboriginal objects. The construction and continued use of the property, however, is likely to have considerably modified the soil landscape and will have the effect of reducing the potential to find traces of past Aboriginal land-use.

Step 2b. Are there any other sources of information of which a person is already aware?

Yes.

A search of the Warringah LEP 2011 and the State Heritage Inventory was made (28 March 2018, Figure 4). The Salvation Army Pacific Lodge is a local heritage item (I43). No Aboriginal heritage values are noted in the listing.

A site history and review of historical maps for the Subject Area has been produced by Tropman and Tropman Architects (2011). Historical air photos from 1931, 1951, 1961 and 1970 were also reviewed.

The Subject Area is situated on land that previously made up the Jenkins' family 200 acre land grant between 1825 and 1890. There is no documentary evidence of any development on the Jenkins' 200 acre property at Dee Why throughout the Jenkins' ownership (Tropman and Tropman Architects 2011;9). Cattle grazing is known to have occurred in the local area.

In 1890, the Elizabeth Jenkins gifted the Salvation Army with the 2 acres and 19 perches of land upon which Pacific Lodge is now situated. A gift of 400 pounds was also provided for the establishment of a rest home for officers of the Salvation Army. An additional 9 acres, 5 roods and 23 perches of adjacent land were gifted to the Salvation Army over the subsequent two years. In 1895, the balance of the 200 acres at Dee Why was handed over to the Salvation Army.

Between 1890 and 1907, the area upon which Pacific Lodge is now situated, was developed. The area was cleared and buildings and fencing were constructed. Gardens were also developed. Staff Captain Saunders notes *"with its garden and grounds, having been presented to us in three different lots on as many separate occasions by our friends, Mr and Miss Jenkins, the whole comprising an area of some fourteen acres, which have all been cleared and enclosed"* (Tropman and Tropman Architects 2011; 20).

In the construction of the rest home and several 'summer houses' attached to the property, *"tons of rocks had to be shot down in order to get a level, and of this rock the house is really built"* (Tropman and Tropman Architects 2011; 21)

Earthworks, terracing, clearing and cultivation all occurred at this stage of the Subject Area's history, including the construction and demolition of a rear service yard and wings from Pacific Lodge in 1892 (Tropman and Tropman 2011; 24). Parts of the property were left in their natural state.

Between 1907 and 1919, the Manly Home of Rest became the Salvation Army Home for Inebriates. A photograph from the late 1910s depicts the 1892 cottage and 1911 two storey dormitory block as well as landscaping with pine trees within the grounds and along Pittwater Road. New summer houses, stable, cart and buggy sheds, harness rooms and connection to the Waterboard's reticulated water supply was also made during this period (Tropman and Tropman 2011; 28). The 1930 aerial photo has poor resolution. The original buildings and some clearing are present on the site.

The property was vacant between 1936 and 1939, whereupon it became a home for elderly men.

In the 1951 aerial image the original buildings are present, and the site is generally clear of vegetation. St David Avenue has not been constructed. Exposed sandstone is present in the north-east and southern parts of the site, and appears to be in situ and undisturbed. There are trees in the south-east corner, a combination of naturally occurring trees and plantings.

The 1961 aerial image shows St David Avenue has been constructed. The original buildings are the only structures on site, however there is extensive landscaping to the west of these (the current car park area). There are trees in the south-east corner, a combination of naturally occurring trees and plantings.

Single storey detached wings to Pacific lodge were constructed in 1962 (Tropman and Tropman Architects 2011; 38). These developments are evident in the 1970 air photo. New buildings are present in the western and northern site areas. The establishment of these buildings appears to have significantly modified the landscape in their vicinity.

Further development was started in 1980 and completed in 1992, new buildings were constructed to house 6-7 individuals in addition to two residences for staff. Some of the 1962 buildings were demolished, and pavilions constructed to interconnect buildings. The 1911 dormitory was demolished, as were the service wings of the 1892 cottage (Tropman and Tropman 2011; 41).

In summary, the Subject Area was undergone numerous phases of construction, demolition, cultivation, gardening and landscaping. These phases have involved the blasting or shot of sandstone, the construction of foundations sufficient to support two storey buildings, the creation of new access routes. These activities have resulted in substantial disturbance and have reduced the potential for Aboriginal archaeological material to be present.

Step 2c. Are there landscape features that are likely to indicate the presence of Aboriginal objects?

The Due Diligence guidelines identify a number of landscape features, which are of archaeological interest and require further consideration. Specifically areas that are:

- within 200m of waters, or
- located within a sand dune system, or
- located on a ridge top, ridge line or headland, or
- located within 200m below or above a cliff face, or
- within 20m of or in a cave, rock shelter, or a cave mouth
- and is on land that is not disturbed land.

The urban environment of the Subject area and its surrounds makes it difficult to identify past watercourses. The nearest visible water source on reviewed 1:25 000 topographic maps and aerial imagery is Dee Why Lagoon, approximately 750 m north east of the Subject Area. There is a historical reference to a possible waterspring on the property which notes a clear water flowing from beneath “a rocky pyramid” (Tropman and Tropman 2011;21).

The Subject Area potentially meets the ‘within 200 m of water’ criteria. Sandstone has also been identified within this due diligence assessment as a possible sensitive landscape feature however as demonstrated above, there has been a high degree of historical land use, excavation, construction and landscaping. This long history of modification and disturbance is likely to have reduced the potential of the landscape to contain Aboriginal Objects.

Step 3: Can the harm or the activity be avoided?

No.

There is no compelling reason to relocate the proposed works.

Step 4: Does a desktop assessment and visual inspection confirm that there are Aboriginal objects or that they are likely?

No.

The desktop assessment has been presented above. A site inspection was undertaken. No Aboriginal objects were observed during the site inspection. The site inspection confirmed that the area has been subject to previous ground disturbance, excavation and landscaping.


The site inspection was conducted on 12 September 2011 by Craig Redfern (NSW & ACT Manager for Capital Works/Development, Salvation Army) and Jamie Reeves (Archaeologist, Niche Environment and Heritage). The site inspection involved walking over the portions of the site that were not built up (ie. those areas that do not currently have existing buildings) and making observations relevant to the Aboriginal archaeological potential of the inspected areas.

The site inspection showed that the site contains no areas of unmodified land. The previous construction and building phases at the site, including those on the periphery such as road development, have removed any naturally occurring soils and sandstone formations. Generally the site today contains buildings surrounded by landscaped areas. Overall the evidence observed during the site inspection shows that the site has been cut and landscaped to various relative levels. The foundations of several buildings were observed, and without exception these have been constructed directly onto the sandstone bedrock at the site. Where sandstone bedrock was observed *in situ* it contained evidence of extensive modification, including remnant drill lines in vertical faces, and machinery marks from clearing and levelling on horizontal platforms. Large sandstone boulders were present on the southern margin (St David Avenue), with some forming small overhangs. However, in most cases these had been pushed into place, probably also during clearing of areas for building. Small shelters of sandstone were present on the south eastern corner of the site, however these were not large enough to occupy, and did not contain surfaces suitable for art. No natural areas of horizontal sandstone were noted during the site inspection, as none occur within the site.

The site inspection notes are summarised in Table 1 and Figure 6.

Table 1: Site inspection results

Location (Fig REF)	Observations	Photos
1	Car park. Landscaped garden incorporating sandstone boulders and rocks, sourced on site.	
2	Landscaped lawn, adjacent to steep landscaped sandstone boulder/block slope and Council reserve with sandstone outcrop. Note there is no sandstone outcrop to be impacted by current proposal.	
3	East facing built up slope with historic retaining walls and pine trees. Grey-brown sandy soil present in a few exposures.	
4	East facing slope below recent building. Sandstone bedrock exposed under building, no evidence of overhangs or occupation. Buildings foundations on sandstone.	
5	Small sandstone shelter, with no floor and extreme honeycomb weathering. Loose, weathered boulders are also present at this locality.	
6	Very large machine marks on horizontal sandstone platform between buildings.	
7	Very large “heaved up” sandstone boulder, probably not natural placement.	

Location (Fig REF)	Observations	Photos
8	Drill lines present in vertical sandstone wall. Sandstone wall built on top of natural sandstone. Area cut and benched to facilitate earlier building episodes.	

Step 5. Further investigations and impact assessment

The proposed project areas have been assessed in accordance with the National Parks and Wildlife Regulation 2009 and the Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales 2010.

The assessment concludes that the proposed activities do not present a risk of harm to Aboriginal objects. This is because Aboriginal objects are not likely to be present in the same area as the impact footprint. The principal reasons for this conclusion are:

- The level of past land use disturbance having disturbed or removed past soil landscapes
- The length of time that the area has been used (and therefore highly modified); and
- There are no previously recorded Aboriginal objects in close proximity the property
- All visible rock outcropping has been inspected within the Subject Area and no cultural features identified.

The proposed activities will not harm, or cause to be harmed, Aboriginal objects. The proposed footprint of the housing development contains no Aboriginal heritage values or areas of significance.

There are no further constraints on Aboriginal sites or places within the Subject Area location.

3. Recommendations and Conclusions

The extensive historical modification of the site, including building phases in the 1890s, 1910s, 1920s, 1960s and 1980s/1990s, have significantly altered the landscape resulting in the loss of any Aboriginal archaeological potential on the site. Aboriginal objects are not present, and are not likely to occur on site, and hence there are no constraints to the development from Aboriginal objects.

For the above reasons, an Aboriginal Heritage Impact Permit is not required. There are no specific recommendations relating to Aboriginal objects.

In the highly unlikely event that a suspected Aboriginal object is encountered on the site the finding should be assessed by the Aboriginal community or an archaeologist, and the Director-General of the Office of Environment and Heritage should be notified accordingly, as per Section 89A of the National Parks and Wildlife Act 1974 (NSW).

References

DECCW 2010 *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*. DECCW NSW, Sydney.

Tropman and Tropman Architects 2011 *Pacific Lodge Salvation Army Homes, 15-23 Fisher Road, Dee Why: PRELIMINARY DRAFT: Preliminary Conservation Management Plan*. Report Prepared for the Salvation Army.

Figures



Location of the Subject Site

23 Fisher Road, Dee Why Aboriginal Objects Due Diligence Assessment

FIGURE 1

Drawn by: GT Project Manager: CA Project Number: 4212 Date: 28/03/2018 T:\spatial\projects\4200\4212_FisherRd_DD\Maps\report\4212_Figure_2_Activity.mxd



Subject Area

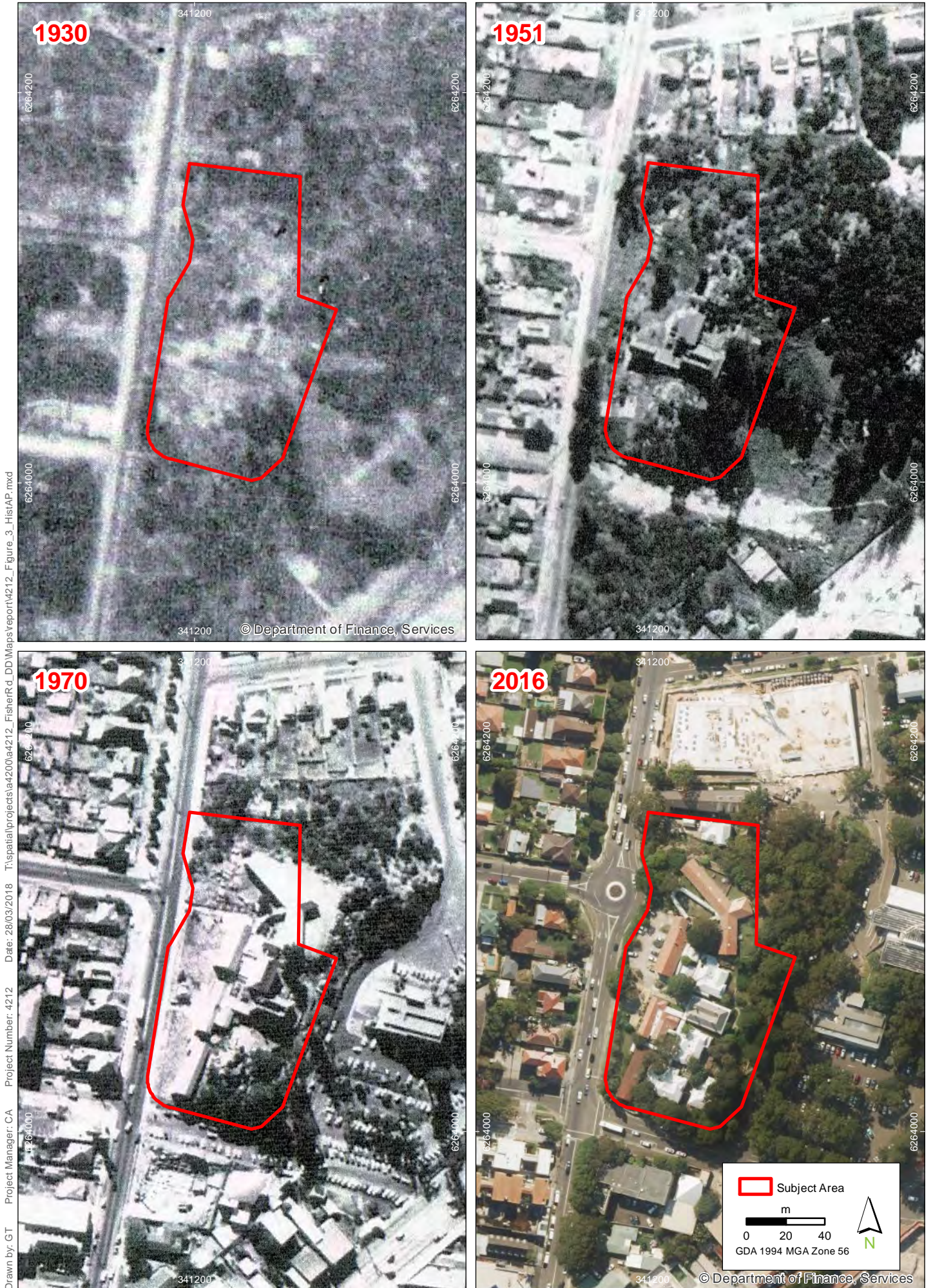
m

0 5 10 15

GDA 1994 MGA Zone 56

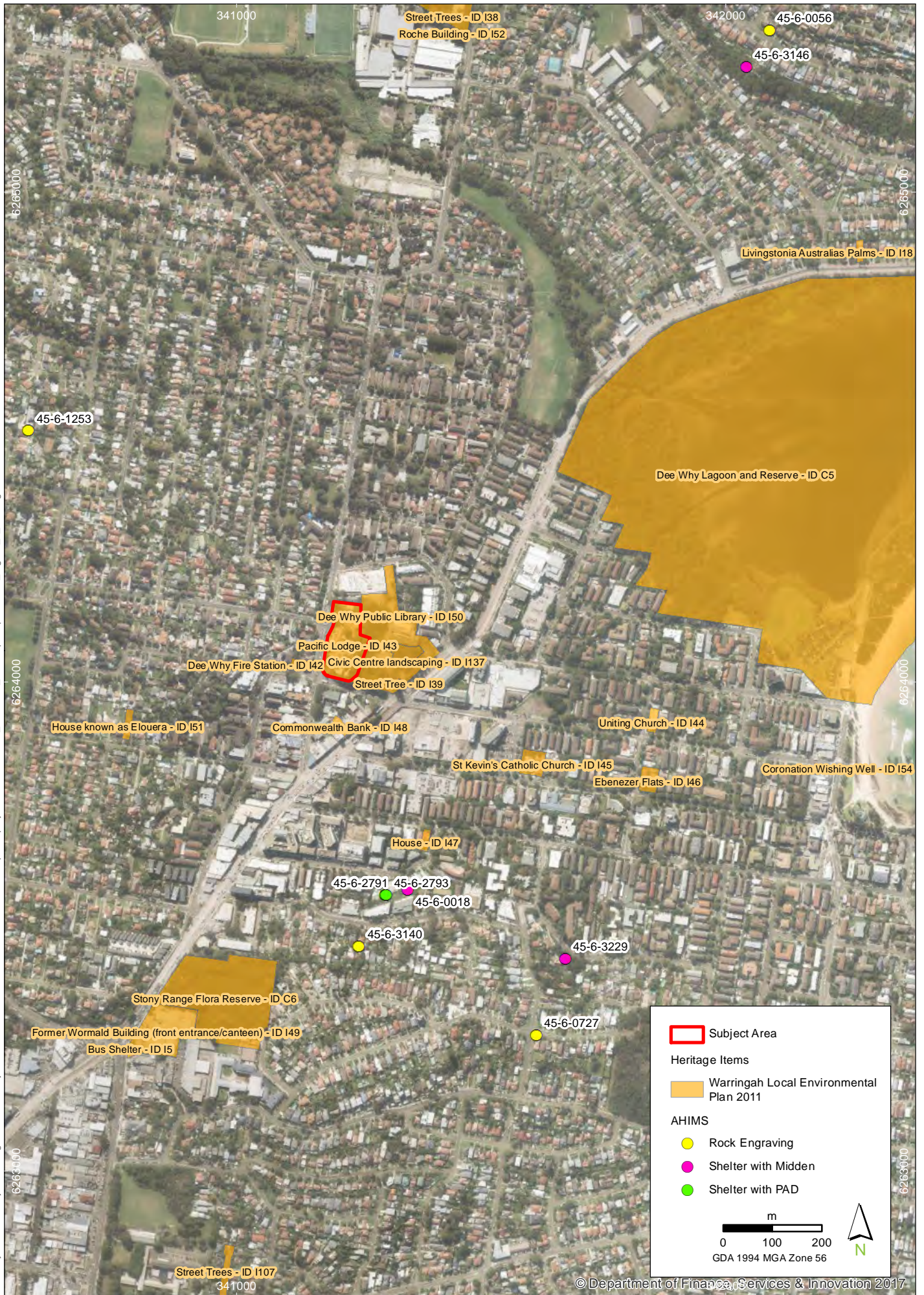
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Heritage Registers

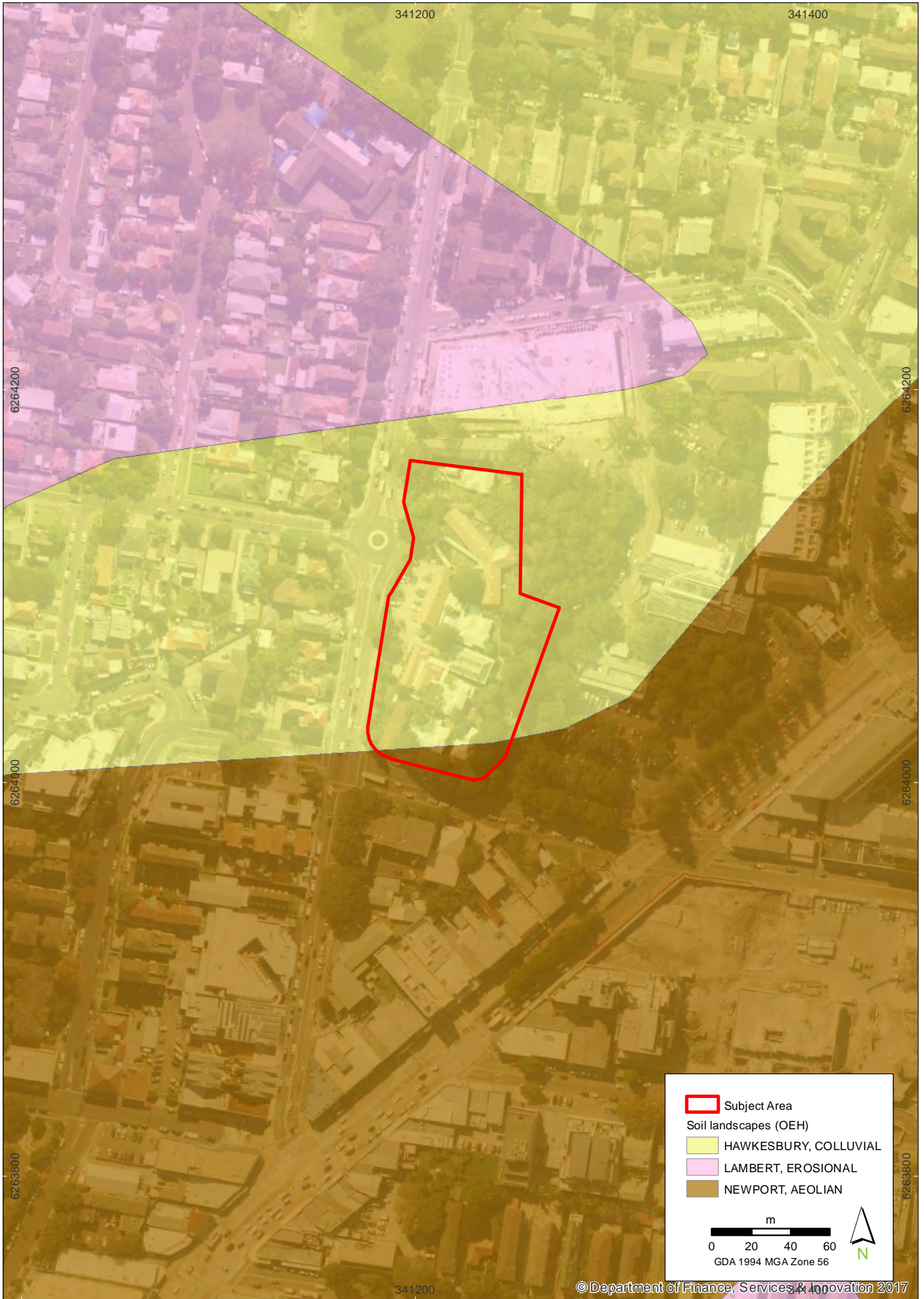
23 Fisher Road, Dee Why Aboriginal Objects Due Diligence Assessment

FIGURE 4

Imagery: (c) LPI 2016-04-06



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Site Inspection

23 Fisher Road, Dee Why Aboriginal Objects Due Diligence Assessment

FIGURE 6

Imagery: (c) LPI 2016-04-06

Annex 1 - AHIMS Extensive Search

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-2219	Cromer Shelter;	GDA	56	339744	6266540	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	1907
	Contact									
	Recorders									
45-6-0735	QP1;	AGD	56	342385	6262328	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1263
	Contact									
	Recorders									
45-6-2958	Undercliff Road RS and Midden	GDA	56	341465	6260726	Open site	Valid	Potential Archaeological Deposit (PAD) : -, Shell : -		
	Contact									
	Recorders									
45-6-2218	Kangaroo Engraving;	AGD	56	339369	6266456	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1907
	Contact									
	Recorders									
45-6-2975	CS1 (Brookvale)	GDA	56	339537	6263325	Open site	Valid	Artefact : 1		
	Contact									
	Recorders									
45-6-3192	30 Lyly Rd Rockshelter	GDA	56	338924	6262018	Open site	Valid	Potential Archaeological Deposit (PAD) : -		
	Contact									
	Recorders									
45-6-1089	Frenchs Forest;Dee Why;	AGD	56	339117	6264497	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1891
	Contact									
	Recorders									
45-6-0689	Frenchs Forest;Allambie Road;	AGD	56	338536	6261528	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders									
45-6-0695	Beacon Hill;Frenchs Forest;	AGD	56	338924	6263338	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders									
45-6-0696	QP2; duplicate of 45-6-1756	AGD	56	342542	6262434	Closed site	Deleted	Shell : -, Artefact : -	Shelter with Deposit,Shelter with Midden	1263
	Contact									
	Recorders									
45-6-0699	Frenchs Forest;Flat Rocks;	AGD	56	338850	6261534	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders									
45-6-0700	Beacon Hill;Frenchs Forest;	AGD	56	339327	6263177	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders									

Report generated by AHIMS Web Service on 27/03/2018 for Clare Anderson for the following area at Datum :GDA, Zone : 56, Eastings : 337714 - 344714, Northings : 6260561 - 6267561 with a Buffer of 0 meters. Additional Info : inform due diligence assessment. Number of Aboriginal sites and Aboriginal objects found is 113

This information is not guaranteed to be free from error omission. Office of Environment and Heritage (NSW) and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-0702	Frenchs Forest;	AGD	56	339173	6264053	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Lisa Campbell							
45-6-1255	Allambie Heights;	AGD	56	338287	6261912	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS							
45-6-2085	Hydro Cave	GDA	56	338568	6260671	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	1809
	Contact	Recorders	Michael Guider,Sydney Water-Parramatta,Ms.Yvonne Kaiser							
45-6-2402	Maillolo Engraving;	AGD	56	338209	6263722	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Janice Cawthorn							
45-6-0563	Wheeler Creek;Mona Vale;	AGD	56	338152	6265783	Closed site	Valid	Artefact : -	Shelter with Deposit	
	Contact	Recorders	Ms.Bronwyn Conyers,L Hoad,Neil Stone							
45-6-0592	QP4;Bayview;	AGD	56	343725	6265201	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1263
	Contact	Recorders	Laura-Jane Smith,Miss.Lisa Smith							
45-6-2170	NCC Cave 2;	AGD	56	342388	6262326	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	Recorders	Michael Guider							
45-6-2171	NCC Cave 1;	AGD	56	342384	6262330	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	Recorders	Michael Guider							
45-6-2177	Malinya Rd;	AGD	56	339052	6261610	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Michael Guider							
45-6-2336	Red Hill, Narraweena 2	AGD	56	338269	6265990	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	Recorders	Michael Guider,Mr.Phil Hunt							
45-6-2337	Red Hill, Narraweena 1	AGD	56	337964	6265026	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Michael Guider							
45-6-1253	Dee Why;	AGD	56	340471	6264323	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS							
45-6-0727	Dee Why;	AGD	56	341507	6263089	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS							
45-6-0741	QP3;	AGD	56	343377	6264854	Open site	Valid	Shell : -, Artefact : -	Midden,Open Camp Site	1263

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Doctor.Jo McDonald					Permits		
45-6-0745	Beacon Hill;	AGD	56	338216	6263740	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	2212
	Contact	Recorders	R.H Mathews					Permits		
45-6-0746	QP4;	AGD	56	343790	6265080	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1263
	Contact	Recorders	Doctor.Jo McDonald,Smith					Permits		
45-6-0752	Beacon Hill;	AGD	56	338105	6263805	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		
45-6-0753	Beacon Hill;	AGD	56	338077	6263821	Open site	Valid	Art (Pigment or Engraved) : -, Grinding Groove : -, Water Hole : -	Axe Grinding Groove,Rock Engraving,Water Hole/Well	2212
	Contact	Recorders	ASRSYS					Permits		
45-6-0114	Dee Why;Manly Cove;	AGD	56	339360	6264365	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	R.H Mathews					Permits		
45-6-0115	Dee Why;Parr Parade;	AGD	56	339374	6264362	Open site	Valid	Art (Pigment or Engraved) : -, Grinding Groove : -	Axe Grinding Groove,Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0116	Dee Why;Narraweena (Manly Cove);	AGD	56	339154	6264446	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0053	Dee Why.	AGD	56	338807	6264602	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Lisa Campbell,Mr.Paul Irish					Permits		
45-6-1756	QP2 duplicate of 45-6-0696	GDA	56	342525	6262434	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	Recorders	Doctor.Jo McDonald,Mr.Phil Hunt					Permits		
45-6-1760	South Creek 1	AGD	56	341160	6265525	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	A Heath					Permits		
45-6-1493	Belrose	AGD	56	338823	6265895	Closed site	Valid	Artefact : -	Shelter with Deposit	940,2010
	Contact	Recorders	Ms.Laila Haglund					Permits		
45-6-0934	Belrose; Warr-223B	AGD	56	338249	6264513	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1989,4422
	Contact	Recorders	ASRSYS					Permits	175	

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45-6-0117	Belrose;Wheeler Creek;	AGD	56	338168	6265754	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders									
45-6-0118	Belrose;Wheeler Creek;	AGD	56	338226	6265669	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1891
	Contact									
	Recorders									
45-6-0119	Belrose;Wheeler Creek;	AGD	56	338187	6265742	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	371,1891
	Contact									
	Recorders									
45-6-0120	Belrose;Wheeler Creek;	AGD	56	338272	6265940	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1891
	Contact									
	Recorders									
45-6-0121	Wheeler Creek; Belrose WARR - 49	AGD	56	338425	6265845	Open site	Valid	Art (Pigment or Engraved) : 3	Rock Engraving	1891
	Contact									
	Recorders									
45-6-0777	Long Reef Point;	AGD	56	343982	6265020	Open site	Valid	Shell : -, Artefact : -	Midden	
	Contact									
	Recorders									
45-6-0122	Wheeler Creek;Belrose;	AGD	56	338657	6266556	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders									
45-6-0123	Belrose;Wheeler Creek;	AGD	56	338738	6266476	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders									
45-6-0124	Wheeler Creek;Belrose;	AGD	56	338784	6266487	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders									
45-6-0125	Belrose;Wheeler Creek;	AGD	56	338786	6266594	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1333
	Contact									
	Recorders									
45-6-0126	Belrose;Wheeler Creek	GDA	56	338989	6266661	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders									
45-6-0127	Wheeler Creek;Belrose;	AGD	56	338640	6266370	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders									
45-6-0128	Belrose;Wheeler Creek;	AGD	56	338505	6266376	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders									
45-6-0129	Wheeler Creek;Belrose	GDA	56	338855	6266590	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1329

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Young,Ms.Lisa Campbell,Mr.Phil Hunt					Permits		
45-6-0130	Campbell;Belrose;Wheeler Creek;	AGD	56	339429	6264392	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		
45-6-0056	Collaroy Plateau;	AGD	56	341982	6265140	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	J.C Lough					Permits		
45-6-0668	Allambie Heights Warringah Rd Allambie Rd	GDA	56	337740	6263515	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1043,102261
	Contact	Recorders	Mr.Phil Hunt,Mr.Bob Conroy					Permits	57,727	
45-6-1662	Narrabeen;Pipeclay Point Park;	GDA	56	340795	6267395	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	Recorders	A Anderson,Mr.Phil Hunt,Brad Welsh					Permits		
45-6-0881	Allambie Heights;	AGD	56	338315	6262166	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Charles.D Power					Permits		
45-6-0074	Collaroy;Long Reef Ridge;	AGD	56	341825	6265475	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0075	Collaroy;Long Reef Ridge;	AGD	56	341773	6265507	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0076	Collaroy;Long Reef Ridge;	AGD	56	341750	6265500	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0077	Collaroy;Long Reef Ridge;	AGD	56	341700	6265501	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0078	Collaroy;Long Reef Ridge;	AGD	56	341450	6265452	Open site	Valid	Grinding Groove : -	Axe Grinding Groove	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0079	Collaroy;Long Reef Ridge;	AGD	56	341356	6265413	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0080	Collaroy;Long Reef Ridge;	AGD	56	341501	6266001	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		
45-6-0081	Collaroy;Long Reef Ridge;	AGD	56	341449	6266002	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Fred McCarthy					Permits		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-0082	Collaroy;Long Reef Ridge;Group 44;	AGD	56	340530	6266166	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact							Permits		
45-6-0083	Collaroy;Long Reef Ridge;Group 44;	AGD	56	340150	6266701	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact							Permits		
45-6-0088	War Veterans Estate, Narrabeen	AGD	56	340480	6266790	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	4539
	Contact							Permits		
45-6-0089	Belrose;Wheelers Creek;Group 121;	AGD	56	338580	6265747	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact							Permits		
45-6-0090	Collaroy;	AGD	56	341510	6265531	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	122,1276
	Contact							Permits		
45-6-0092	Narrabeen Lakes;	AGD	56	340270	6267027	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact							Permits		
45-6-0904	Allambie Heights;	AGD	56	338268	6262167	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact							Permits		
45-6-0785	Belrose;	AGD	56	338132	6266183	Open site	Valid	Stone Arrangement : -	Stone Arrangement	1891
	Contact							Permits		
45-6-0824	Frenchs Forest;	AGD	56	338106	6263804	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact							Permits		
45-6-1850	Middle Creek;	GDA	56	338735	6266995	Closed site	Valid	Art (Pigment or Engraved) : -, Stone Quarry : -, Artefact : -	Quarry,Shelter with Art	
	Contact							Permits		
45-6-1851	South Creek;	AGD	56	341219	6265547	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact							Permits		
45-6-1852	Fishermans Beach	AGD	56	342960	6265520	Open site	Valid	Shell : -, Artefact : -	Midden	
	Contact							Permits		
45-6-0018	Dee Why	AGD	56	341244	6263385	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact							Permits		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-1014	Belrose;Red Glow Cave;	AGD	56	337972	6264695	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact									
	Recorders			ASRSYS					Permits	
45-6-1015	Belrose;	AGD	56	337964	6265026	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1447,1891
	Contact									
	Recorders			Ms.Lisa Campbell					Permits	
45-6-1573	Alkira Circuit;Narraweena;	AGD	56	339431	6264300	Closed site	Valid	Shell : -, Artefact : -, Art (Pigment or Engraved) : -	Rock Engraving,Shelter with Midden	
	Contact									
	Recorders			ASRSYS					Permits	
45-6-2790	Brooker Avenue Engraving Site 1	AGD	56	338034	6264770	Closed site	Valid	Art (Pigment or Engraved) : 2		
	Contact			T Russell						
	Recorders			Mr.Phil Hunt,Mr.Paul Irish					Permits	
45-6-0731	Harboard;Dee Why Head;	AGD	56	342645	6262355	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders			Unknown Author					Permits	
45-6-2380	Red Hill 2 [further info. see report 101514]	AGD	56	338837	6264438	Closed site	Valid	Art (Pigment or Engraved) : -, Artefact : -	Shelter with Art,Shelter with Deposit	
	Contact									
	Recorders			Michael Guider					Permits	
45-6-0019	Dee Why	AGD	56	338860	6264244	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact									
	Recorders			Charles.D Power,Mr.Paul Irish					Permits	
45-6-0692	Beacon Hill Frenchs Forest	AGD	56	338856	6264237	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	93
	Contact									
	Recorders			Unknown Author,Mr.Paul Irish					Permits	
45-6-3107	CFT1	GDA	56	338354	6266305	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	Contact									
	Recorders			Ms.Vanessa Hardy,Cultural Heritage Connections Pty Ltd					Permits	
45-6-3080	WGC 1 WARR214	GDA	56	337975	6261610	Open site	Valid	Art (Pigment or Engraved) : 1, Grinding Groove : 1, Potential Archaeological Deposit (PAD) : 1		
	Contact									
	Recorders			Aboriginal Heritage Office					Permits	
45-6-3040	Fishermans Beach 2 WARR 002	GDA	56	343304	6265480	Open site	Valid	Burial : 1		
	Contact									
	Recorders			Aboriginal Heritage Office					Permits	
45-6-3048	Ronald Reserve Shelter WARR 194	GDA	56	341754	6261180	Closed site	Valid	Shell : -		

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	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3497	Manly Dam Contact Art	GDA	56	338332	6260585	Open site	Valid	Art (Pigment or Engraved) : 5		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3498	Manly Dam 9 Grinding Grooves	GDA	56	338484	6260611	Open site	Valid	Grinding Groove : 9		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2791	Studee Parade Shelter	GDA	56	341304	6263565	Closed site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>						<u>Permits</u>		
45-6-2787	Wheeler Creek Engraving WARR -59	GDA	56	338660	6265940	Open site	Valid	Aboriginal Resource and Gathering : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>						<u>Permits</u>		
45-6-2788	Wheeler Creek , Belrose WARR - 49	AGD	56	338520	6266032	Open site	Deleted	Aboriginal Ceremony and Dreaming : 3		
	<u>Contact</u> T Russell	<u>Recorders</u>						<u>Permits</u>		
45-6-2793	Sturdee Parade Shelter	AGD	56	341200	6263375	Closed site	Valid	Potential Archaeological Deposit (PAD) : -		
	<u>Contact</u> T Russell	<u>Recorders</u>						<u>Permits</u>		
45-6-3128	Cromer Heights Shelter PAD	GDA	56	338310	6266615	Open site	Valid	Potential Archaeological Deposit (PAD) : -		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3129	Cromer Heights - IF01	GDA	56	338460	6266580	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3130	Cromer Heights - Open Site	GDA	56	338670	6266940	Open site	Valid	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3147	Mermaid Pool (South)	GDA	56	338790	6260855	Closed site	Valid	Art (Pigment or Engraved) : -, Water Hole : -		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3139	Monsera Engraving WARR350	GDA	56	338250	6261800	Open site	Valid	Art (Pigment or Engraved) : -		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-3140	Delmar Parade Engraving WARR191	GDA	56	341250	6263460	Open site	Valid	Art (Pigment or Engraved) : -		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		

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45-6-3141	Cromer Valley Rd 1 WARR060	GDA	56	338773	6266668	Open site	Valid	Art (Pigment or Engraved) : -		
	Contact									Permits
45-6-3142	Cromer Valley Rd 2 WARR061	GDA	56	338697	6266654	Open site	Valid	Art (Pigment or Engraved) : -		
	Contact									Permits
45-6-3143	Cromer Valley Rd 3 WARR065	GDA	56	338944	6266613	Open site	Valid	Art (Pigment or Engraved) : -		
	Contact									Permits
45-6-3146	Lincoln Ave Shelter WARR-039	GDA	56	342040	6265255	Open site	Valid	Shell : -		
	Contact									Permits
45-6-3148	Manly Dam 1	GDA	56	338518	6260973	Open site	Valid	Artefact : -		
	Contact									Permits
45-6-3149	Mermaid Pool (North)	GDA	56	338831	6260908	Closed site	Valid	Art (Pigment or Engraved) : -, Ceremonial Ring (Stone or Earth) : -, Potential Archaeological Deposit (PAD) : -		
	Contact									Permits
45-6-3343	Long Reef 4 WARR312	GDA	56	343803	6265495	Open site	Valid	Shell : 1		
	Contact									Permits
45-6-3337	Fishermans Beach 3 WARR005	GDA	56	343460	6265500	Open site	Valid	Shell : 1		
	Contact									Permits
45-6-3340	Long Reef 3 WARR311	GDA	56	343994	6265238	Open site	Valid	Shell : 1		
	Contact									Permits
45-6-3220	Long Reef 02 WARR310	GDA	56	343870	6265373	Open site	Valid	Shell : 1		
	Contact									Permits
45-6-3229	Derribong Shelter 1 WARR188	GDA	56	341670	6263435	Open site	Valid	Shell : 1		
	Contact									Permits

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Head Office

Niche Environment and Heritage

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All mail correspondence should be through our Head Office