

## **Appendix F**

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Aboriginal Heritage Assessment  
Addendum



# Additional Areas, South West Rail Link – Glenfield to Leppington Rail Line: Aboriginal Heritage Assessment

Prepared by Australian Museum Business Services  
for Parsons Brinckerhoff

Brief Addendum Report

July 2010

100077

# 1 Introduction

Australian Museum Business Services (AMBS) was commissioned by Parsons Brinckerhoff Australia Pty Ltd (PB), on behalf of Transport Infrastructure Development Corporation (TIDC; now the Transport Construction Authority [TCA]), in January 2010 to prepare an Aboriginal Heritage Assessment of the proposed South West Rail Link (SWRL) – Glenfield to Leppington Rail Line project. This project comprises Stage 2 of the SWRL (which was previously known as Stage B2). This brief addendum report is to be appended to the Aboriginal Heritage Assessment (AMBS 2010), and forms part of the supporting documentation for the application for Project Approval under Part 3A, section 75B of the *Environmental Planning and Assessment Act 1979*.

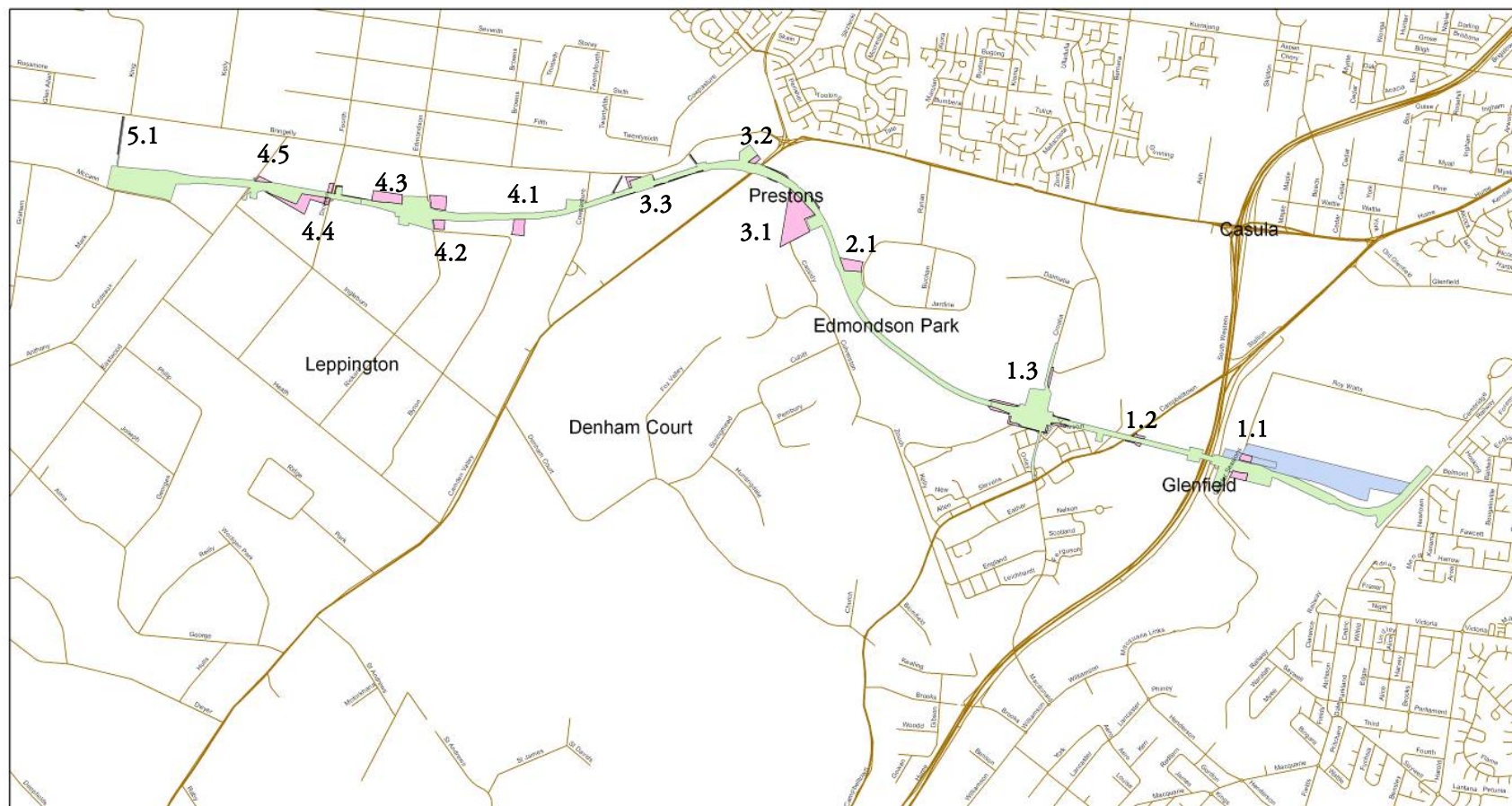
The aim of this addendum report is to provide TCA with advice concerning the potential impacts on Aboriginal cultural heritage values at a number of additional areas along the SWRL route, which were not assessed as part of the previous Aboriginal Heritage Assessment (AMBS 2010).

# 2 Background

The additional areas requiring assessment are located along the length of the SWRL route (Figure 1). As this addendum report is to be appended to the 2010 Aboriginal Heritage Assessment prepared by AMBS for SWRL Stage 2, none of the background context is reproduced herein. It should be noted that none of the additional areas are within the direct vicinity of sites previously recorded by Dallas (1989, 1999; Figure 2 and Figure 3).

Aboriginal consultation was undertaken in accordance with *The Consultants Brief for Identifying and Assessing Aboriginal Cultural Heritage within the Sydney Growth Centres* (Context 2006) and its Appendices, particularly Appendix A. AMBS' 2010 assessment and the current additional assessment continue the consultation process undertaken by Heritage Concepts in 2006, which identified the following stakeholder Aboriginal communities for this project in Step 1:

Cubbitch Barta Native Title Claimants Aboriginal Corporation (CBNTCAC);  
Darug Aboriginal Cultural Heritage Assessments (DACHA);  
Darug Custodian Aboriginal Corporation (DCAC);  
Darug Tribal Aboriginal Corporation (DTAC);  
Tharawal Local Aboriginal Land Council (TLALC); and  
Northern Illawarra Aboriginal Collective (NIAC).



### Legend

<span style="display:inline-block; width:15px; height:15px; background-color: #FFB6C1; border: 1px solid black;"></span> Additional assessment areas	<span style="display:inline-block; width:15px; border-bottom: 2px solid brown;"></span> Main Roads
<span style="display:inline-block; width:15px; height:15px; background-color: #90EE90; border: 1px solid black;"></span> SWRL Stage 2 construction footprint	<span style="display:inline-block; width:15px; border-bottom: 1px solid brown;"></span> Local Roads
<span style="display:inline-block; width:15px; height:15px; background-color: #ADD8E6; border: 1px solid black;"></span> Approved site compound	

0 0.25 0.5 1 1.5 2 Kilometres



AMBS

Hydrology data © Copyright Commonwealth of Australia (Geoscience Australia) 2001  
Horizontal datum: GDA94/MGA Zone 56

Figure 1 Location of additional assessment areas (1.1-5.1) for SWRL Stage 2.



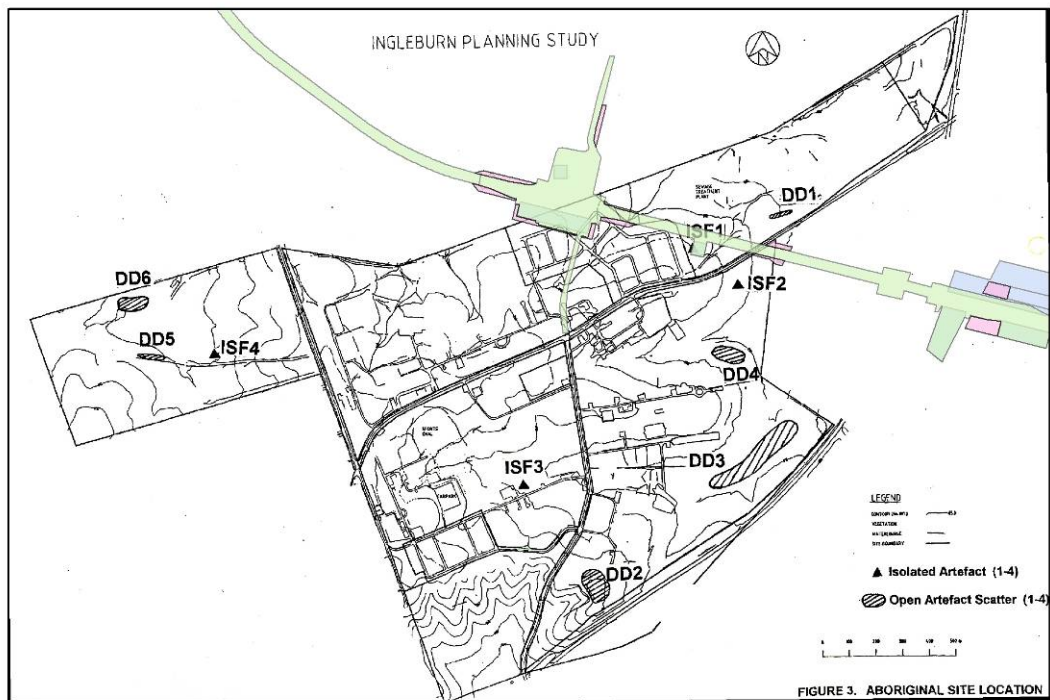
### Legend

- MFH#2
- SWRL Stage 2 construction footprint
- Additional assessment areas
- Approved site compound

0 300 600 Metres

Figure 2 Location of MFH#2 and adjacent area of PAD (cross-hatching) in relation to the additional area 1.1 (Dallas 1989: Map 3).





## Legend

- SWRL Stage 2 construction footprint
- Approved site compound
- Additional assessment areas

Figure 3 Location of sites recorded by Dallas (1999:Figure 3) in relation to additional areas 1.2 and 1.3.

## 3 Field Survey

### 3.1 Survey Methodology

A field survey of the additional areas was undertaken by AMBS archaeologist Jenna Weston on 28 and 29 June 2010, accompanied by Aboriginal community representatives (see Table 1). The survey aimed to determine whether any Aboriginal archaeological sites or areas of potential Aboriginal archaeological sensitivity were present within the additional areas.

Table 1 Aboriginal community fieldwork participants

Aboriginal Community Organisation	Field Representative
Cubbitch Barta Native Title Claimants Aboriginal Corporation	Rebecca & Kirsty-Lee Chalker
Darug Aboriginal Cultural Heritage Assessments	Tim Wells
Darug Custodian Aboriginal Corporation	Jessica Wright
Darug Tribal Aboriginal Corporation	John Riley
Tharawal Local Aboriginal Land Council	Donna Whillock
Northern Illawarra Aboriginal Collective, representing La Pouse	Mark Cummins
Botany Bay Aboriginal Corporation, Wadi Wadi Coomaditchie Aboriginal	Keith Ball
Corporation, and Woronora Plateau Gundungara Elders Council	Paul Cummins

The survey methodology involved pedestrian survey of the additional areas that had not been traversed as part of the previous assessment. During the survey, particular attention was paid to areas of ground surface exposure. When Aboriginal artefacts were encountered, notes were made regarding their type, size, material, and descriptions of the site were recorded including the environmental setting with details of any disturbance to archaeological material in the site's vicinity, and Australian Map Grid (AMG) coordinates were taken. Photographs of the area were taken using a Canon EOS 300D digital camera.

## 3.2 Survey Results

Three new Aboriginal heritage sites were recorded during the survey, and the location of artefacts at one previously identified site was extended. The new sites comprise one artefact scatter and two isolated stone artefacts. The new identified sites are referred to in this report as SWRL Sites 11 to 13, dependent upon the order in which they were recorded. A summary of sites identified during the survey is presented in Table 2, and their location relative to the overall proposed railway corridor is presented in Figure 4. Figure 7, Figure 12 and Figure 15 show more closely the locations of each site, in order from east to west.

**Table 2 Summary of Aboriginal heritage sites identified during survey**

Site Name	Type	Easting	Northing	Landform	Details
SWRL Site 10	Stone Artefact	300379	6240545	Flat/gentle	14 artefacts previously
SWRL Site 10 (02)	Scatter	300380	6240640	slope	recorded 1 additional artefact recorded
SWRL Site 11	Isolated Artefact	300276	6240709	Flat	1 artefact recorded
SWRL Site 12	Isolated Artefact	299228	6240872	Ridge	1 artefact recorded
SWRL Site 13 (01)	Stone Artefact	297164	6240839	Slope	7 artefacts recorded
SWRL Site 13 (02)	Scatter	297274	6240820		

\*given the extensive area in which artefacts were located, more than one GPS location was recorded for the site



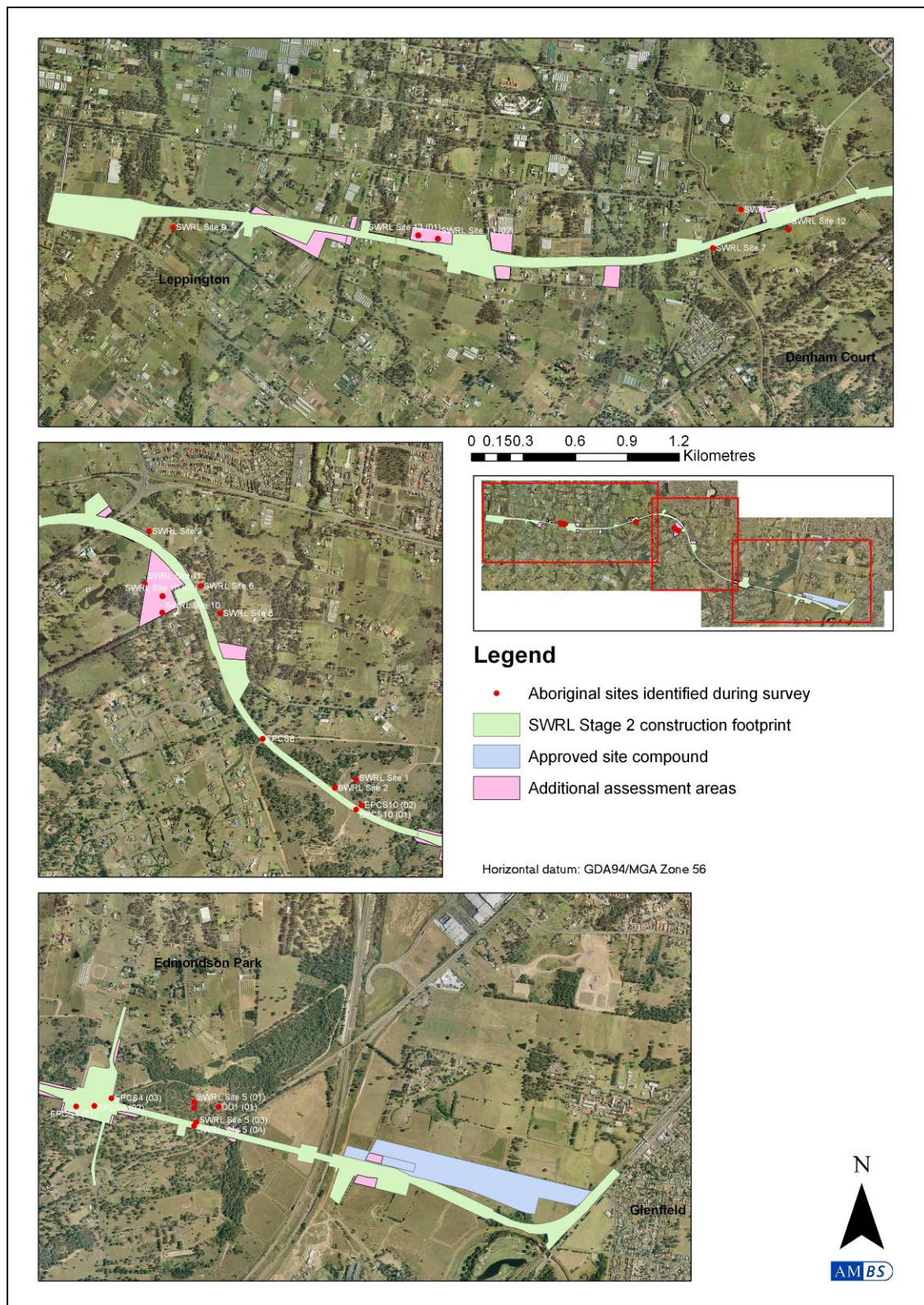


Figure 4 Location of Aboriginal sites recorded during the current and previous AMBS surveys. NB the SWRL Stage 2 construction footprint was assessed in the AMBS 2010 Aboriginal Heritage Assessment.



### *SWRL Site 10 – Stone Artefact Scatter*

**Landform:** Flat/gentle slope

**Site Size:** 70m x 100m

**Exposure:** Current powerline easement, and track downslope into vegetated area

**Site Description:** SWRL Site 10 was originally located in March 2010, in a powerline easement directly adjacent to the end of Cassidy Street, within Lot 7 D205472. An additional artefact was located during the current survey, on a track approximately 100m downslope from the transmission easement (Figure 7). A small second order tributary of Cabramatta Creek is located approximately 15m downslope from this additional artefact. The track is currently being impacted by water erosion.

**Table 3** SWRL Site 10 artefact details

Material	Colour	Maximum Size (cm)	Artefact Type	Source of Information
Silcrete	Red	2	Flake	AMBS (2010)
Mudstone	Yellow	1.5	Flake	AMBS (2010)
Mudstone	Grey/brown	1	Flake	AMBS (2010)
Mudstone	Grey/brown	2	Flake	AMBS (2010)
Quartz	White	1.5	Flaked piece	AMBS (2010)
Mudstone	Red/brown	5	Flaked piece	AMBS (2010)
Mudstone	Red/brown	5	Flaked piece	AMBS (2010)
Mudstone	Red/brown	4	Flaked piece	AMBS (2010)
Mudstone	Red/brown	4	Flaked piece	AMBS (2010)
Mudstone	Red/brown	1	Flaked piece	AMBS (2010)
Mudstone	Red/brown	1.5	Flaked piece	AMBS (2010)
Mudstone	Red/brown	4	Flaked piece	AMBS (2010)
Mudstone	Grey/brown	4	Flake	AMBS (2010)
Silcrete	Red	2	Heat shatter	Current survey



**Figure 5** Track, on which additional artefact was recorded, leading upslope to original recorded location of SWRL Site 10 (view to south west).

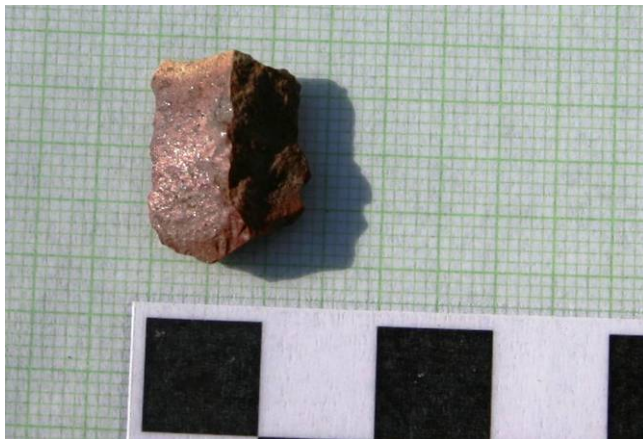


Figure 6 Additional silcrete artefact at SWRL Site 10.

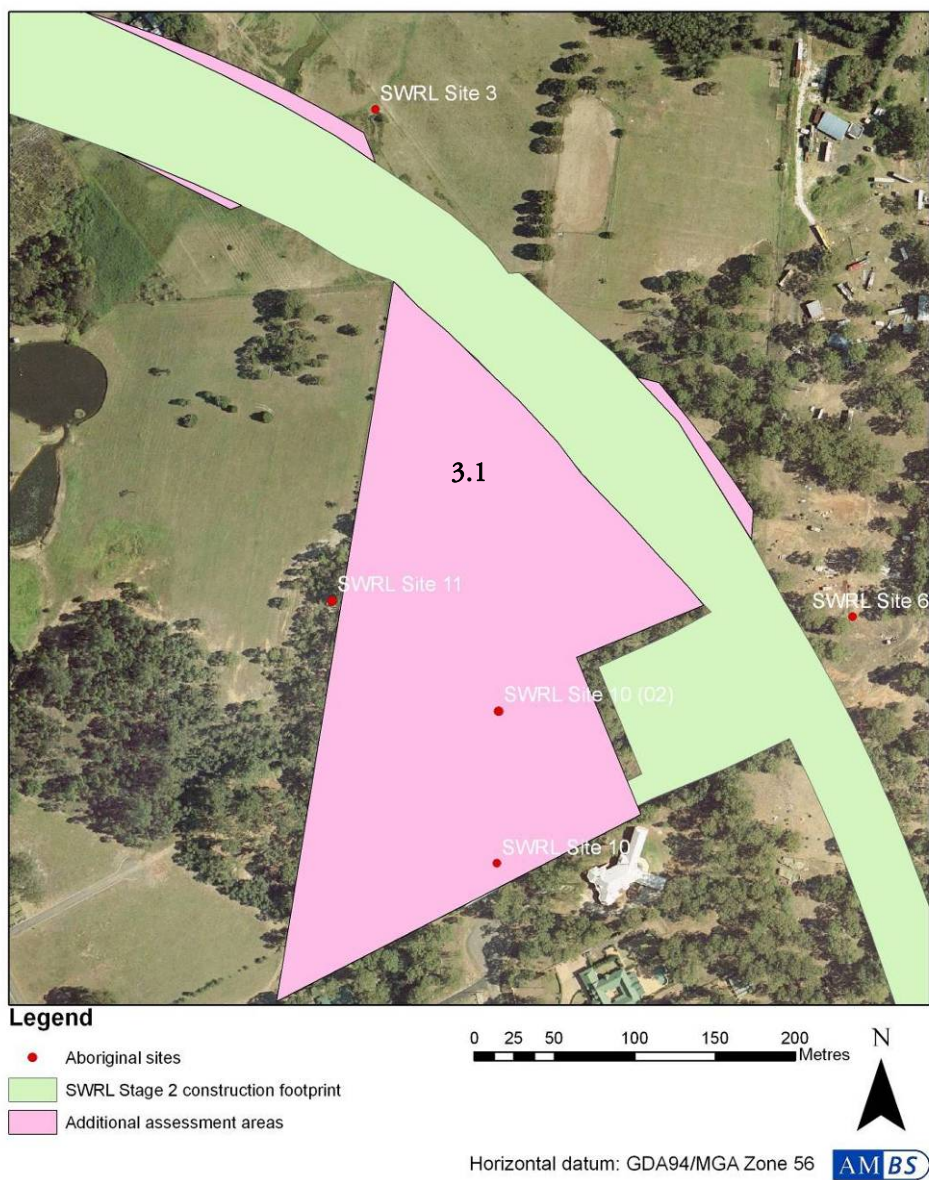


Figure 7 SWRL Sites 10 and 11, in additional area 3.1.



### *SWRL Site 11 – Isolated Find*

Landform: Flat

Site Size: N/A

**Exposure:** Dirt track adjacent to old fenceline

**Site Description:** This isolated artefact is located on a dirt track adjacent to an old property boundary fenceline, c.70m north west of a small second order tributary of Cabramatta Creek, within Lot 7 D205472 (Figure 7). The site comprises a single flaked silcrete artefact. There are no indications of subsurface deposit. A number of BMX bike jumps have been formed on the western side of the track.

Table 4 SWRL Site 11 artefact details

Material	Colour	Maximum Size (cm)	Artefact Type
Silcrete	Red	3	Flake



Figure 8 Track on which SWRL Site 11 artefact was recorded (view to north). Note BMX bike jumps next to track.



Figure 9 Silcrete artefact at SWRL Site 11.

### *SWRL Site 12 – Isolated Find*

Landform: Ridge

Site Size: N/A

**Exposure:** Area adjacent to stand of trees

**Site Description:** This isolated artefact is located on an area of exposure adjacent to a stand of trees, in a horse paddock c.70m south west of a small first order tributary of Cabramatta Creek, within Lot 1 D513403 (Figure 12). There is a small hill crest approximately 50m to the south of the exposure. The artefact is a distal flake made of quartz.

Table 5 SWRL Site 12 artefact details

Material	Colour	Maximum Size (cm)	Artefact Type
Quartz	White	1	Distal flake



Figure 10 Exposure on which SWRL Site 12 artefact was recorded (view to south east).

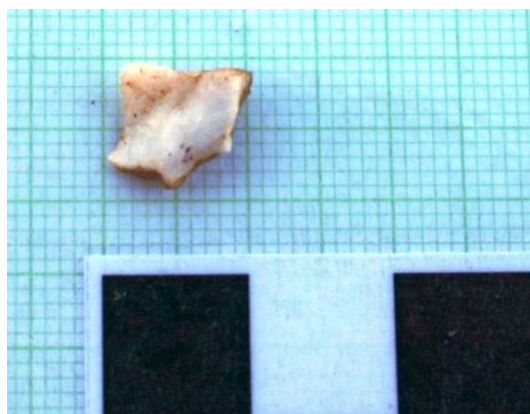


Figure 11 Quartz artefact at SWRL Site 12.



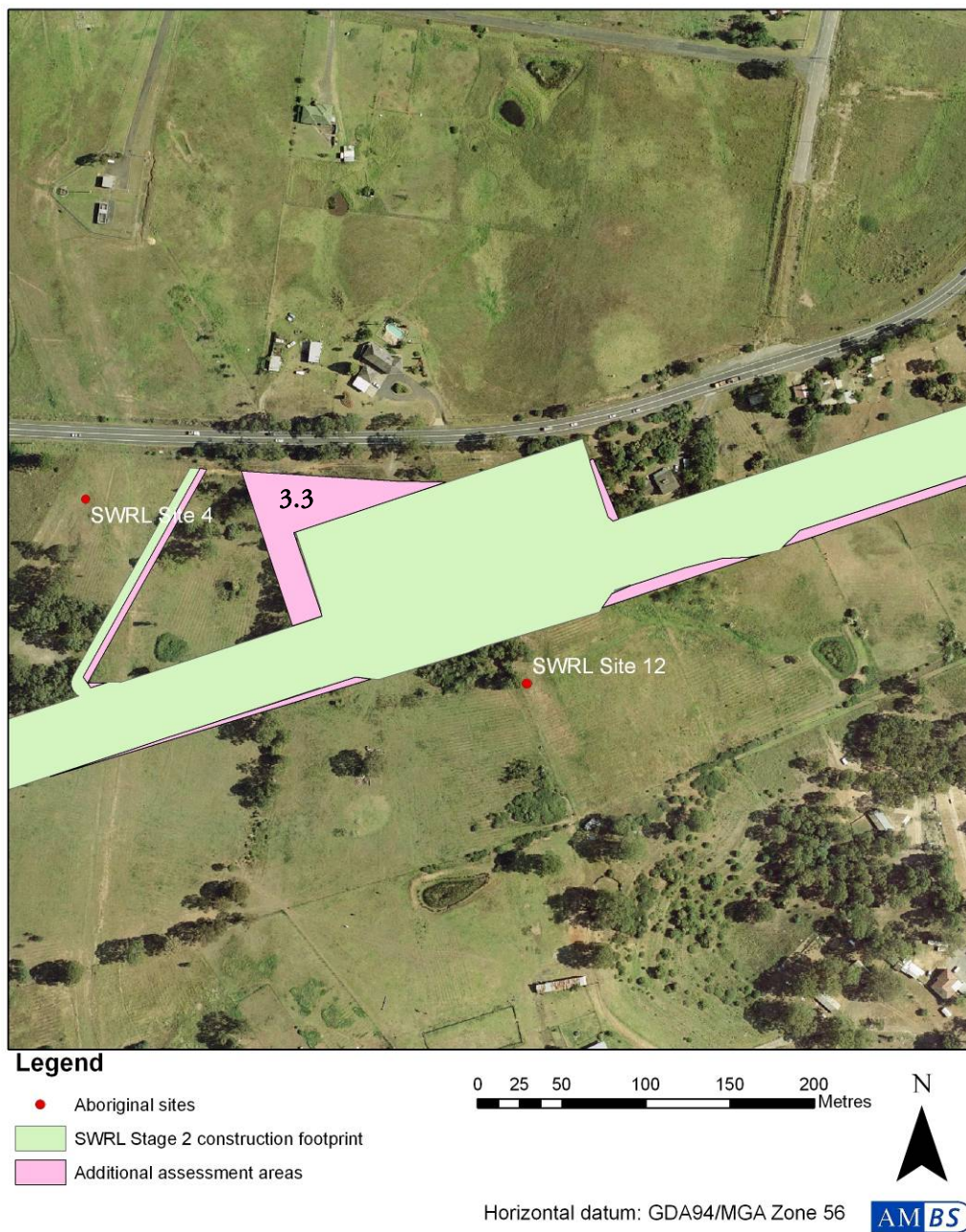


Figure 12 SWRL Site 12, near additional area 3.3.

### *SWRL Site 13 – Stone Artefact Scatter*

Landform: Slope

**Site Size:** 100 x 40m

**Exposure:** Old vehicle tracks

**Site Description:** SWRL Site 13 is located on a gentle slope c.250-350m west of a small second order tributary of Kemps Creek, within Lot 2 DP1082805 (Figure 15). The site comprises seven silcrete and mudstone flaked artefacts on old vehicle tracks, within a property which has recently been vacated and cleared of buildings and other items (Figure 16). The site has previously being impacted by erosion from vehicle use of the tracks. There are no indications of subsurface deposit, as the exposures are on the clay substrate.

**Table 6 SWRL Site 13 artefact details**

Material	Colour	Maximum Size (cm)	Artefact Type	Location
Silcrete	Red	2.5	Flake	SWRL Site 13 (01)
Silcrete	Red	3	Proximal flake	SWRL Site 13 (01)
Silcrete	Pink	2	Proximal flake	SWRL Site 13 (01)
Mudstone	Cream	1.5	Distal flake	SWRL Site 13 (01)
Silcrete	Red	2	Medial flake	SWRL Site 13 (02)
Silcrete	Red/grey	2	Flake	SWRL Site 13 (02)
Silcrete	Purple	2.5	Distal flake	SWRL Site 13 (02)



**Figure 10 View north east at SWRL Site 13 (01). Note old house foundations in background.**





Figure 11 Silcrete and mudstone artefacts located at SWRL Site 13 (01).

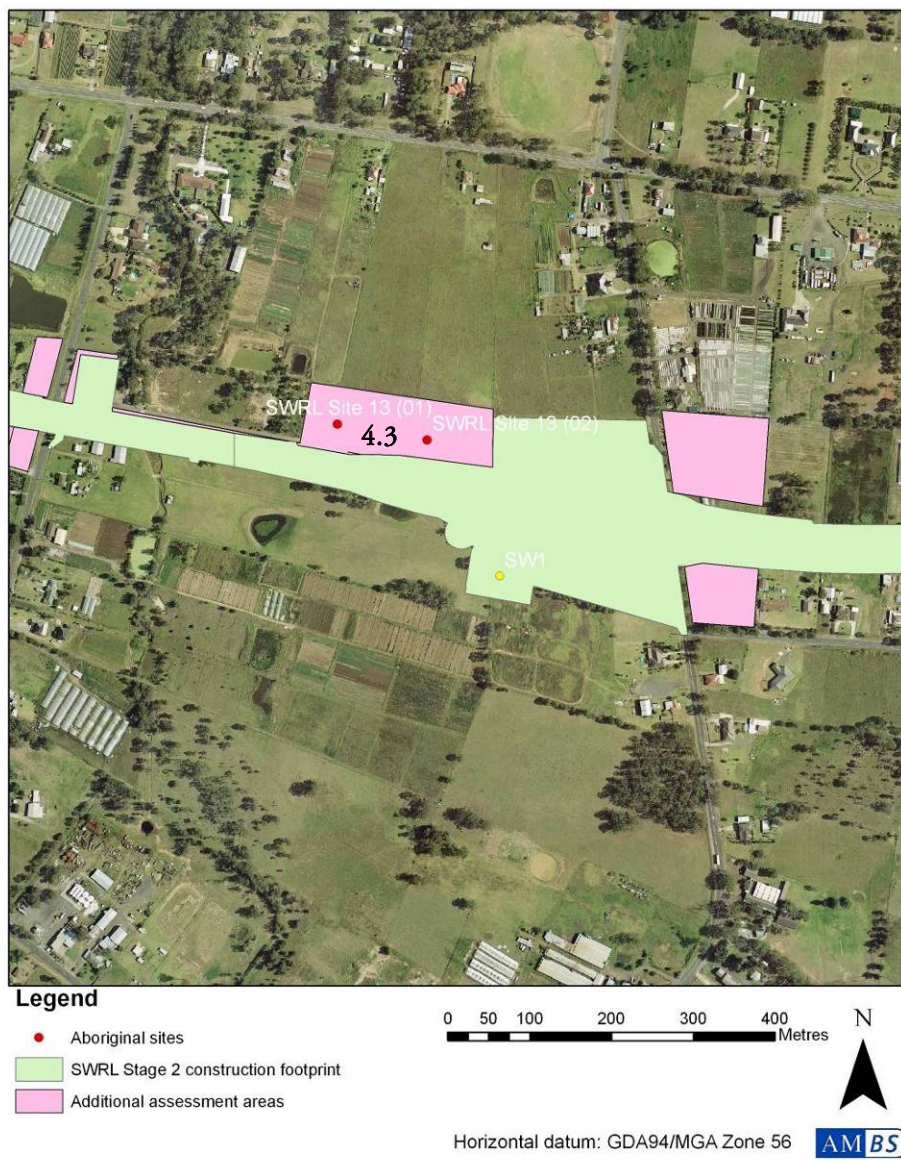


Figure 15 SWRL Site 13, in additional area 4.3.



Figure 16 Location of SWRL Site 13 on 2007 aerial, showing recent occupation of the land.

### 3.3 Discussion of Survey Results

The additional areas surveyed during the current assessment are located adjacent to the SWRL Stage 2 route assessed by AMBS in 2010, and as such they have been incorporated into the assessment of potential Aboriginal archaeological sensitivity (see Section 5.3.1 of the AMBS 2010 report for the background to this assessment; and see Figure 14 for the updated areas of archaeological sensitivity).

#### *Area of Archaeological Sensitivity 2*

An area to the west of previously recorded site MFH#2, extending upslope to a ridge between Quarter Sessions Road and the Hume Highway (including additional area 1.1), was identified as having **moderate** archaeological sensitivity. This is a relatively undisturbed, elevated area between Bunbury Curran Creek and Maxwells Creek, which represent reliable water sources. There are also sites in the surrounding area (MFH#2 and MLE1). Site MFH#2 (#45-6-2495) was excavated by Dallas in 2000 and found to comprise a low density background scatter of stone artefacts, of types common in the region, and hence is considered to have low archaeological significance. However, the excavated area was situated on the low-lying area surrounding the creek. More recent work by ENSR (2009) suggests that sites are more extensive on elevated areas above reliable water sources, and as such, the ridge is considered to have moderate potential for *in situ* subsurface archaeological deposit.

#### *Area of Archaeological Sensitivity 3*

An area within the Ingleburn Army Camp, in the south east corner of the land owned by Landcom, and on the adjacent (eastern) properties (including additional area 1.3), was identified as having **high** archaeological sensitivity. The area is known to contain sites with a moderate



density of stone artefacts (ISF1, SWRL Site 5, DD1, EPCS3 and EPCS4), in a relatively undisturbed, elevated area between two second order creeks, which would represent reliable water sources. AMBS considered EPCS4 to have high potential for *in situ* subsurface archaeological deposit because of its prime geographic location on a slope within the same creek confluence as EPCS3 (2003:25). It should be noted that Dallas (1999) assessed DD1 as containing a low density of artefacts in a disturbed context and, as such, considered it unlikely to have archaeological deposit (1999:14, 22). However, the current investigation has located additional artefacts in this area, and when taken in context with the surrounding landscape, the area is considered to be relatively undisturbed.

#### *Area of Archaeological Sensitivity 6*

An area adjacent to Jardine Drive (including additional area 2.1) was identified as having **moderate** archaeological sensitivity because it comprises a ridge landform in the vicinity of Cabramatta Creek, which has been subject to relatively minor disturbance, and isolated find site EPCS7 is located in the vicinity.

#### *Area of Archaeological Sensitivity 7*

An area north west and adjacent to a hill crest, including the back of the Adventureland property and additional area 3.1, was identified as having **low** archaeological sensitivity. The area is known to contain sites with a low-moderate density of stone artefacts (SWRL Sites 6, 8, 10 and 11, EPCS5 and 6, and LLB1 Edmondson Park). Test excavations in the area have also located a low density of stone artefacts (Navin Officer 2007; see Section 4.2.3 of the AMBS 2010 report).

#### *Area of Archaeological Sensitivity 8*

An area adjacent to Camden Valley Way, near its intersection with Bringelly and Old Cowpasture Roads (including additional area 3.2), was identified as having **low** archaeological sensitivity. The area is low-lying, swampy, and has been disturbed. It contains SWRL Site 3, which has a moderate density of stone artefacts.

#### *Area of Archaeological Sensitivity 9*

An area to the east of the Sydney Water Supply Upper Canal and south of Bringelly Road, including additional area 3.3, was identified as having **moderate** archaeological sensitivity. The area is relatively undisturbed with some mature vegetation, and it is known to contain SWRL Sites 4, 7 and 12.

#### *Area of Archaeological Sensitivity 10*

An area west of and adjacent to Rickard Road, including additional area 4.3, was identified as having **low** archaeological sensitivity because it is in a vegetated area that is relatively undisturbed and isolated find site SW1 is located in the vicinity. Although the area is relatively undisturbed, there is evidence that market gardens were previously grown adjacent to the creek. SWRL Site 13 is also located in this area, but is on land which has been disturbed by recent occupation.

#### *Area of Archaeological Sensitivity 12*

An area at the southern end of 511 Bringelly Road, and extending to the northern end of the western-most McCann Road property for the stabling facility (including additional area 5.1), was identified as having **moderate** archaeological sensitivity because it is an elevated area overlooking

**Figure 1: Archaeological sensitivity maps for the proposed Sydney Water Resource Loop (SWRL) Stage 2 construction footprint.**

The figure displays three maps showing the archaeological sensitivity of the proposed SWRL Stage 2 construction footprint. The maps are overlaid on aerial imagery.

**Legend:**

- SWRL Stage 2 construction footprint (Green line)
- Approved site compound (Blue area)
- Additional assessment areas (Pink area)
- Aboriginal Sites (Red dots)

**Archaeological sensitivity:**

- high (Red)
- moderate (Orange)
- low (Green)

**Scale:** 0 0.2 0.4 0.8 1.2 1.6 Kilometres

**Horizontal datum:** GDA94/MGA Zone 56

**Map Labels:**

- Top Map (Leppington area):** SWRL Site 1, SWRL Site 2, SWRL Site 3, SWRL Site 4, SWRL Site 5, SWRL Site 6, SWRL Site 7, SWRL Site 8, SWRL Site 9, SWRL Site 10, SWRL Site 11, SWRL Site 12, SWRL Site 13 (01), SWRL Site 13 (02), Leppington, Denham Court.
- Inset Map (Leppington area):** Shows a detailed view of the Leppington area, highlighting the SWRL Stage 2 construction footprint and the locations of SWRL Sites 1 through 12 and EPCS sites 1 through 10.
- Bottom Map (Edmondson Park area):** Edmondson Park, EPCS 1 (01), EPCS 1 (02), EPCS 1 (03), DD1 (01), MFH 2, Glenfield.

## 4 Assessment of Significance

### 4.1 Scientific Significance Assessment

#### 4.1.1 Archaeological Research Potential (SHR Criterion e)

##### *SWRL Sites 10 & 11*

SWRL Sites 10 and 11 are located in the general vicinity of Cabramatta Creek and have moderate potential for *in situ* subsurface archaeological deposit, given the relatively shallow level of ground disturbance. Although the number of artefacts recorded on the surface of these sites is suggestive of an archaeological deposit of some complexity, test excavations in the area by Navin Officer (2007) have revealed a low density of artefacts, concentrated on the low slopes of the creek, c.500-600m north east of these sites. As such, these sites are considered to have **low** research potential.

##### *SWRL Site 12*

SWRL Site 12 comprises a single quartz artefact within a sloping landscape, a short distance from a very minor, first order creek. The nature of the landscape suggests that the site is likely to represent incidental, background Aboriginal activity within the region, and as such it is considered to have **low** research potential.

##### *SWRL Site 13*

SWRL Site 13 comprises a low density of stone artefacts, of types common in the region. The level of disturbance caused by recent occupation of the area, including vehicle use, indicates that the landform is unlikely to contain undisturbed *in situ* archaeological deposits. As such, the site is considered to have **low** research potential.

#### 4.1.2 Representativeness (SHR Criterion f)

##### *SWRL Sites 10-13*

Stone artefact sites are the most common type of site previously recorded in the local region. Such site types represent a continuity of use of water resources across the study area. It is considered likely that a background scatter of such artefacts is present throughout similar landforms in the region. SWRL Sites 10-13 are likely to represent such incidental, background Aboriginal activity in the region. All identified sites are considered to be representative of the local archaeology.

#### 4.1.3 Rarity (SHR Criterion g)

##### *SWRL Sites 10-13*

The complex of stone artefact sites present in the vicinity of the study area may be regarded as being relatively common in the local region. Such sites are the most common site type both locally and regionally, and are therefore not considered to have archaeological rarity.

### 4.2 Summary of Archaeological Significance

Based on current scientific evidence, Aboriginal stone artefact sites SWRL Sites 10-13 are regarded as being of **low scientific significance**. A summary of the assessed levels of archaeological significance for identified sites is presented in Table 1, below.



Table 1 Assessed levels of scientific significance for identified sites

Assessed Site	Archaeological Research Potential			Representativeness	Rarity	Overall Scientific Significance
	Low	Moderate	High			
SWRL 10	✓			Local	No	Low
SWRL 11	✓			Local	No	Low
SWRL 12	✓			Local	No	Low
SWRL 13	✓			Local	No	Low

### 4.3 Assessment of Aboriginal Cultural Significance

Aboriginal communities consulted with throughout this project have indicated that, while all Aboriginal heritage sites recorded contain intrinsic cultural significance, there are no further specific cultural significances attached to the identified sites.

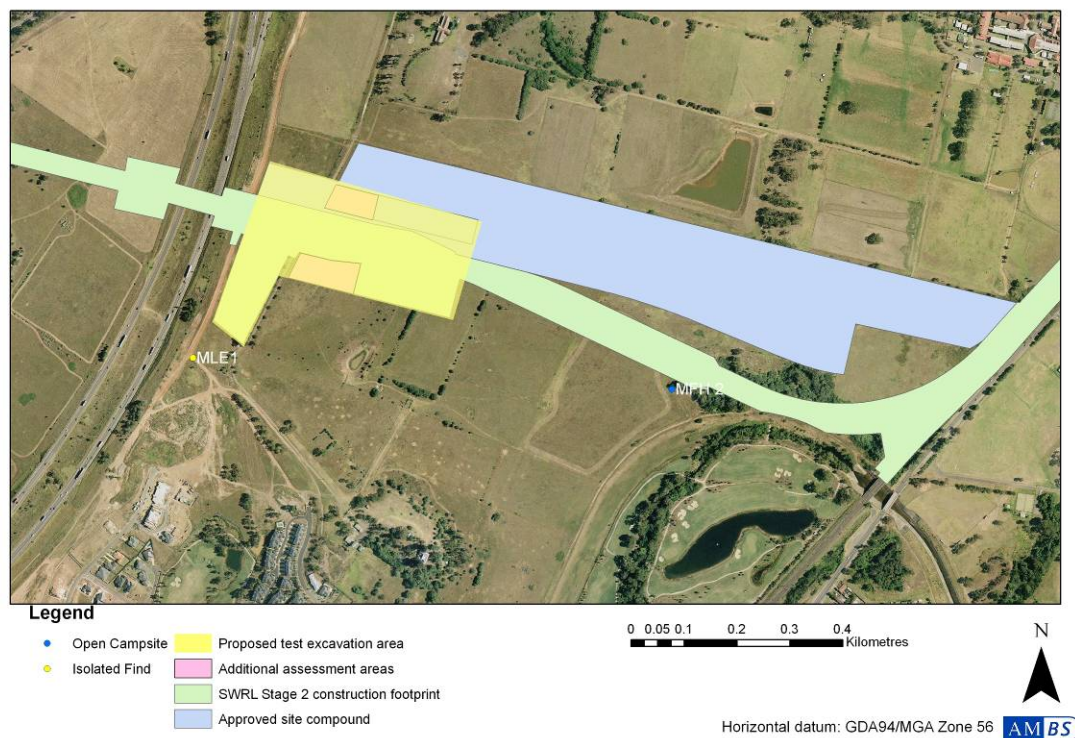
## 5 Conclusions and Recommendations

SWRL Sites 11 and 12 are not located within the impact zone of the proposed project route and are unlikely to be impacted by its construction (see Figure 7, Figure 12). SWRL Site 10 is located within an additional area (3.1) of the proposed SWRL construction footprint; however, it has not yet been confirmed whether the entire additional area will be subject to impact. A substation and access road are to be located within this area.

SWRL Site 13 is located within the impact zone of additional area 4.3. Therefore, this site will be directly impacted by the project construction. Construction activities impacting the site will include excavation, levelling and filling, as well as associated infrastructure development, which will destroy the site and any associated sub-surface archaeological deposit. Given the assessed low significance of this Aboriginal heritage sites, its destruction represents a minor cumulative impact upon the overall heritage significance and archaeology of the region.

### *Ridge Adjacent to MFH#2*

The area to the west of MFH#2, extending upslope to a ridge between Quarter Sessions Road and the Hume Highway, where additional area 1.1 is located, is considered to have moderate archaeological potential for *in situ* subsurface archaeological deposit. This area is discussed in detail in Section 7.2.2 of the AMBS 2010 report, and test excavations were recommended and approved to be undertaken in the SWRL Stage 2 area. Additional area 1.1 should therefore be incorporated into the test excavation area (see Figure 15; Recommendation 4 in AMBS 2010).

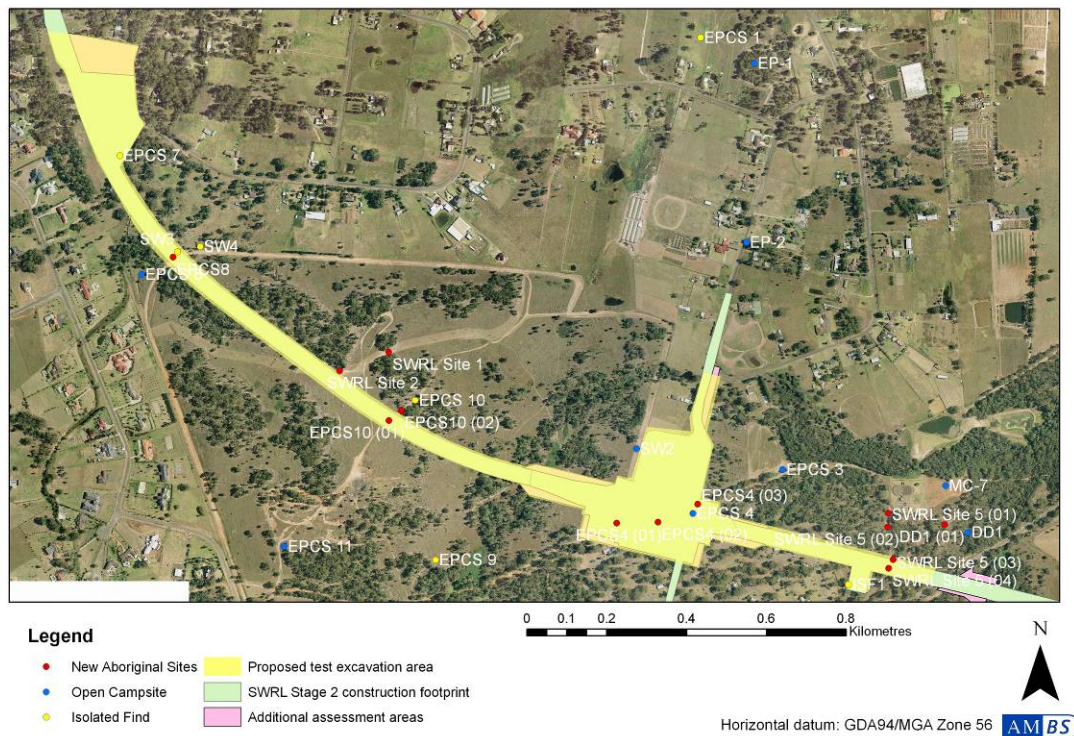


**Figure 15 Proposed archaeological test excavation area, above Bunbury Curran Creek, showing location of additional area 1.1.**

#### *Area between Maxwells and Cabramatta Creeks*

Additional areas 1.3 and 2.1 are located between Maxwells and Cabramatta Creeks, which is considered to have the potential to reveal a continuity of activity in the landscape around Cabramatta and Maxwells Creeks, on Ingleburn and Landcom land. This area is discussed in detail in Section 7.2.3 of the AMBS 2010 report, and test excavations were recommended and approved to be undertaken in the SWRL Stage 2 area. Additional areas 1.3 and 2.1 should therefore be incorporated into the test excavation area (see Figure 16; Recommendation 5 in AMBS 2010).





**Figure 16 Proposed archaeological test excavation area, Cabramatta and Maxwells Creeks, showing location of additional areas 1.3 and 2.1.**

### *SWRL Site 10*

SWRL Site 10 has been assessed as having low research potential and low archaeological significance. Results from archaeological excavations undertaken in the local area on similar landforms by Navin Officer in 2007 indicate that it is unlikely that subsurface archaeological deposits are present at this site, and that archaeological material is limited to a surface scatter of stone artefacts. As such, further archaeological investigation of this site, including archaeological excavation, is unlikely to increase the current scientific knowledge of the region. Nevertheless, if it is possible, this site should be avoided in the proposed construction of a substation and associated access road within additional area 3.1 (see Figure 7). If construction cannot be avoided in these areas and will directly impact on artefacts, the Aboriginal community should be offered the opportunity to collect and relocate artefacts outside of the construction area prior to initiation of works.

### *SWRL Site 13*

SWRL Site 13 has been assessed as having low research potential and low archaeological significance. As such, further archaeological investigation of this site is unlikely to increase the current scientific knowledge of the region. However, the site will be directly impacted as part of additional area 4.3, and as such, the Aboriginal community should be offered the opportunity to collect and relocate artefacts outside of the construction area prior to initiation of works.

### *Area of Archaeological Sensitivity 12*

An area of archaeological sensitivity was identified and recommended for test excavation in AMBS 2010 (Recommendation 13). One of the additional areas (5.1) is located within this test excavation area (Figure 17).

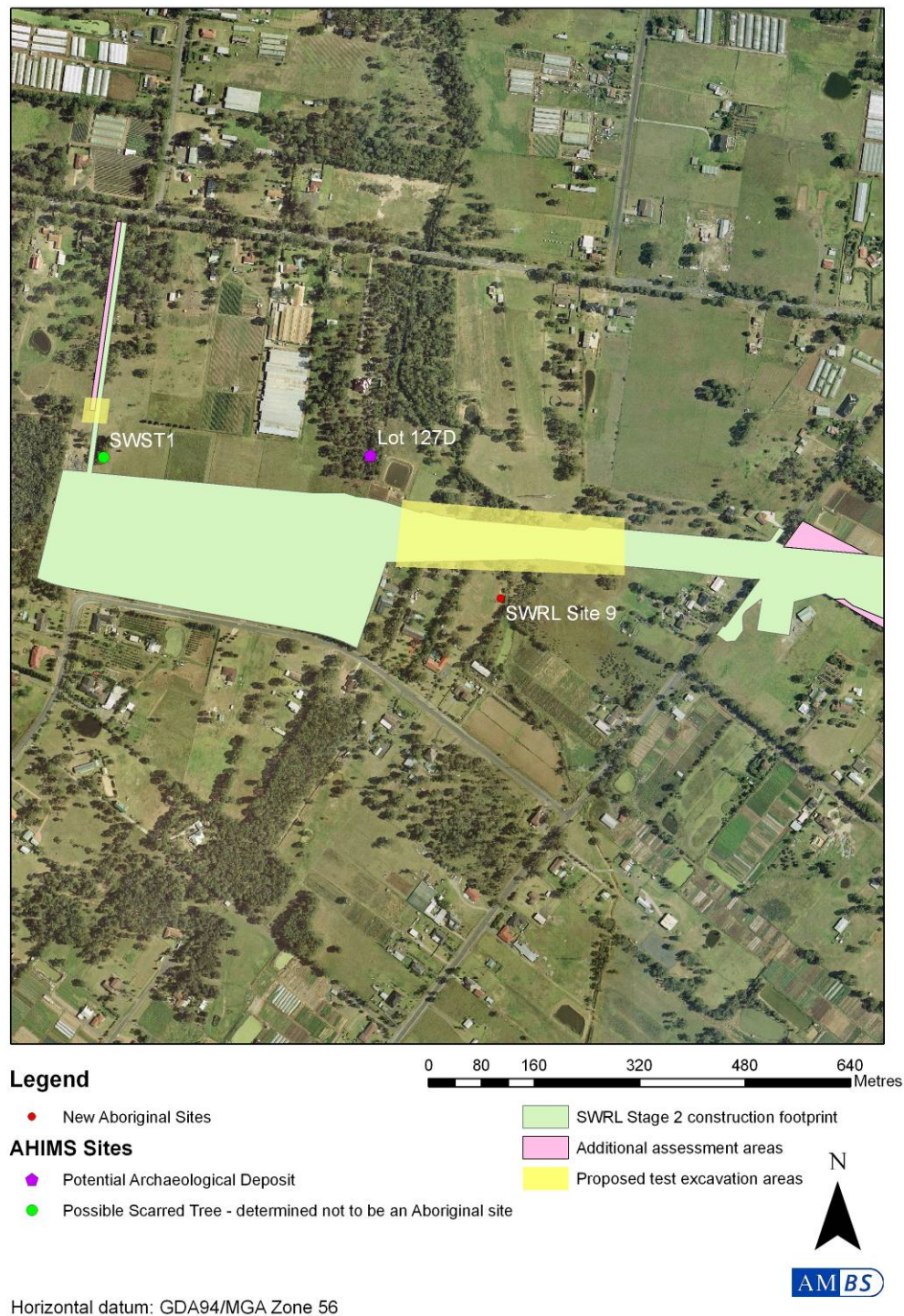


Figure 17 Proposed archaeological test excavation areas, showing additional area (5.1) of access track between Bringelly Road and the train stabling facility.



### *Aboriginal Community Consultation*

This draft letter report should be provided to each registered Aboriginal community group for review and comment.

## **6 References**

AMBS (2003) *Edmondson Park Composite Site Master Plan: Aboriginal Heritage Management Plan*. Consultancy report to Liverpool and Campbelltown City Councils.

AMBS (2010) *South West Rail Link – Glenfield to Leppington Rail Line: Aboriginal Heritage Assessment*. Consultancy report to Parsons Brinckerhoff Australia Pty Ltd.

Context (2006) *NSW The Consultants Brief for Identifying and Assessing Aboriginal Cultural Heritage in the Sydney Growth Centres*.

Dallas M (1989) *Macquarie Field House Estate: Archaeological Survey*. Consultancy report to Wellings Smith & Byrnes.



Dallas M (1999) Preliminary Archaeological Assessment of the Department of Defence land at Ingleburn, NSW. Consultancy report to Department of Defence.

ENSR (2009) *Phase 2 Archaeological Excavations – Oran Park and Turner Road Precincts, South West Sydney, NSW*. Consultancy report to Landcom/Greenfield Development Corporation, Dart West Developments Pty Ltd and Paynter Dixon Golf Pty Ltd.

Navin Officer (2007) *Locality LB, Edmondson Park: Archaeological Subsurface Testing Program*. Consultancy report to Manidis Roberts.

## 7 New Site Cards

### SWRL Site 10

		<b>Aboriginal Site Recording Form</b>			
		AHIMS Registrar PO Box 1967, Hurstville NSW 2220			
<b>Office Use Only</b>					
		<b>Site Number</b>			
Date received		Date entered into system		Date catalogued	
Entered by (I.D.)					
<b>Information Access</b>					
<input type="checkbox"/> Gender/male <input type="checkbox"/> Gender/female <input type="checkbox"/> Location restriction <input type="checkbox"/> General restriction <input type="checkbox"/> No access					
<b>For Further Information Contact:</b>					
<input type="checkbox"/> <b>Nominated Trustee</b>					
Title		Surname		First Name	
Organisation					
Address					
Phone number		Fax			
<input type="checkbox"/> <b>Knowledge Holder</b>					
Title		Surname		First Name	
Organisation					
Address					
Phone number		Fax			
<b>Aboriginal Heritage Unit or Cultural Heritage Division Contacts</b>					
<b>Geographic Location</b>					
Site Name		SWRL SITE 10			
Easting		Northing		AGD/GDA	
3 0 0 3 8 0		6 2 4 0 6 4 0		GDA	
Mapsheet					
Zone		Location Method			
56		Non-Differential GPS			
		Other Registration			
<b>Primary Recorder</b>					
Title		Surname		First Name	
		WESTON		JENNA	
Organisation		A M B S			
Address		6 COLLEGE ST SYDNEY 2010			
Phone number		Fax			
9 3 2 0 6 4 6 8		9 3 2 0 6 4 2 8			
Date recorded		28/06/2010			
<b>Office Use Only</b>					
Client on system <input type="checkbox"/>					
Client on system <input type="checkbox"/>					
Client on system <input type="checkbox"/>					

# NPWS Aboriginal Site Recording Form - Site Information

page 2

OPEN/CLOSE SITE ☒ Open Site

## Site Context

### Landform

- ☐ Mountainous  
☐ Plain  
☐ Rolling hills  
☐ Steep hills  
☒ Undulating plain

### Slope

☐ degrees

### Landform Unit

- ☐ Beach  
☐ Coastal rock platform  
☐ Dune  
☐ Intertidal flat  
☐ Lagoon  
☐ Tidal Creek

- ☐ Tidal Flat  
☐ Cliff  
☐ Crest  
☒ Flat  
☒ Lower slope  
☒ Mid slope

- ☒ Upper slope  
☐ Plain  
☐ Ridge  
☐ Tor  
☐ Valley flat  
☐ Levy

- ☐ Stream bank  
☐ Stream channel  
☐ Swamp  
☐ Terrace  
☐ Terrace flat

### Vegetation

- ☐ Closed forest  
☐ Grasslands  
☐ Isolated clumps of trees  
☐ Open forest  
☐ Open woodland  
☒ Scrub  
☐ Woodland  
☒ Cleared  
☐ Revegetated  
☐ N/A

### Land use

- ☐ Conservation  
☐ Established urban  
☐ Farming-intensive  
☐ Farming-low intensity  
☐ Forestry  
☐ Industrial  
☐ Mining  
☒ Pastoral/grazing  
☐ Recreation  
☐ Semi-rural  
☒ Service corridor  
☐ Transport corridor  
☐ Urban expansion  
☐ N/A

### Water

Distance to permanent water source  metres  
 Distance to temporary water source  metres  
 Name of nearest permanent water source   
 Name of nearest temporary water

### Directions for Relocation

Coming from Sydney, travel west on the Hume Highway, bear left at Campbelltown Road, turn right at Zouch Road, turn right at Culverston Ave, and turn right at Cassidy St. The site is located in a powerline easement and on a track downslope into a vegetated area, directly adjacent to the end of Cassidy Street.

### Current Land Tenure

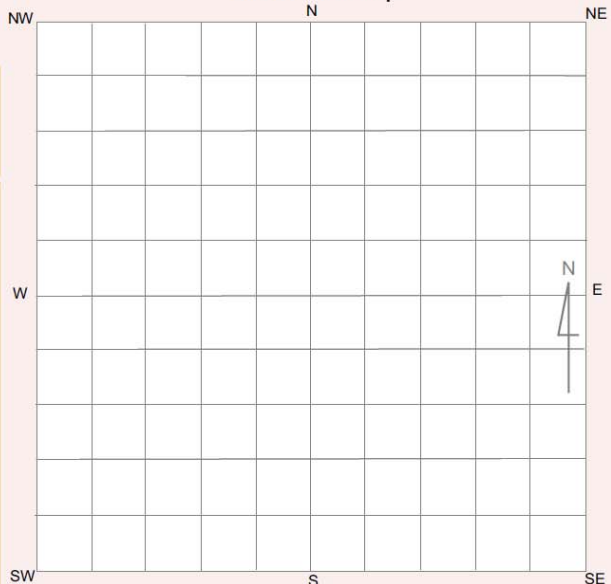
- ☐ Public National Park / other Government Dept.  
☐ Private TCA (FORMERLY TIDC)

### Primary report

I.D.  (I.D. Office Use only)

AMBS (2010) South West Rail Link – Glenfield to Leppington Rail Line: Aboriginal Heritage Assessment (and Appendix) Consultancy report to Parsons Brinckerhoff Australia Pty Ltd.

### Site Location Map



# NPWS Aboriginal Site Recording Form - Site Information

page 3

## General Site Information

### Closed Site

#### Shelter/Cave Formation

- ☐ Boulder
- ☐ Wind erosion
- ☐ Water erosion
- ☐ Rock collapse

#### Rock Surface Condition

- ☐ Boulder
- ☐ Sandstone platform
- ☐ Silica gloss
- ☐ Tessellated
- ☐ Weathered
- ☐ Other platform

#### Condition of Ceiling

- ☐ Boulder
- ☐ Sandstone platform
- ☐ Silica gloss
- ☐ Tessellated
- ☐ Weathered
- ☐ Other platform

#### Shelter Aspect

- ☐ North
- ☐ North East
- ☐ East
- ☐ South East
- ☐ South
- ☐ South West
- ☐ West
- ☐ North West

### Open Site

#### Site Orientation

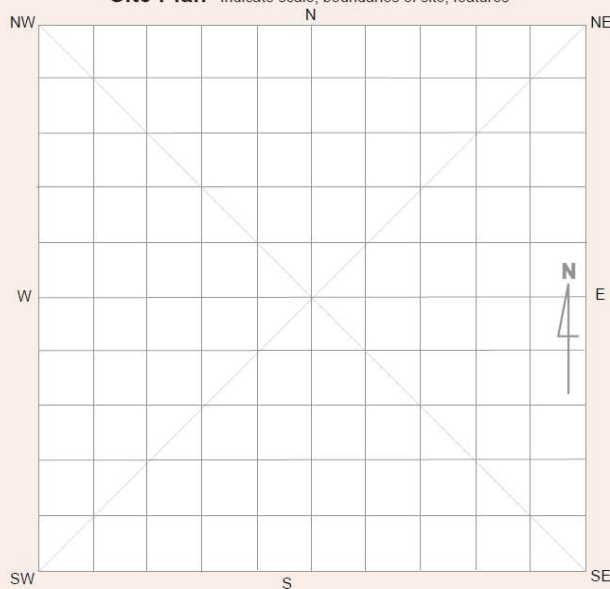
- ☐ N-S
- ☐ NE-SW
- ☐ E-W
- ☐ SE-NW
- ☒ N/A

## Features

- ☐ 1. Aboriginal Ceremony & Dreaming
- ☐ 2. Aboriginal Resource & Gathering
- ☐ 3. Art
- ☒ 4. Artefact
- ☐ 5. Burial
- ☐ 6. Ceremonial Ring
- ☐ 7. Conflict
- ☐ 8. Earth Mound
- ☐ 9. Fish Trap
- ☐ 10. Grinding Groove
- ☐ 11. Habitation Structure
- ☐ 12. Hearth
- ☐ 13. Non Human Bone & Organic Material
- ☐ 14. Ochre quarry
- ☐ 15. Potential Archaeological Deposit
- ☐ 16. Stone Quarry
- ☐ 17. Shell
- ☐ 18. Stone Arrangement
- ☐ 19. Modified Tree
- ☐ 20. Water Hole

## Site Plan

Indicate scale, boundaries of site, features



## Site Dimensions

### Closed Site Dimensions (m)

- Internal length
- Internal width
- Shelter height
- Shelter floor area

### Open Site Dimensions (m)

- 100 Total length of visible site
- 20 Average width of visible site
- 240 Estimated area of visible site
- 100 Length of assessed site area

**Aboriginal Community Interpretation and Management Recommendations**


**Preliminary Site Assessment****Site Cultural & Scientific Analysis and Preliminary Management Recommendations**

SWRL Site 10 has been assessed as having low research potential and low archaeological significance. Results from archaeological excavations undertaken in the local area on similar landforms by Navin Officer in 2007 indicate that it is unlikely that subsurface archaeological deposits are present at this site, and that archaeological material is limited to a surface scatter of stone artefacts. As such, further archaeological investigation of this site, including archaeological excavation, is unlikely to increase the current scientific knowledge of the region. Nevertheless, if it is possible, this site should be avoided in the proposed construction of a substation and associated access road. If construction cannot be avoided in these areas and will directly impact on artefacts, the Aboriginal community should be offered the opportunity to collect and relocate artefacts outside of the construction area prior to works beginning.

This section should only be filled in by the Endorsees

**Endorsed by:** ☐ Knowledge Holder ☐ Nominated Trustee ☐ Native Title Holder ☐ Community Consensus



Title	Surname	First Name	Initials
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Organisation	<input type="text"/>		
Address	<input type="text"/>		
Phone number	<input type="text"/>	Fax	<input type="text"/>

**Attachments (No.)**

- ☒ A4 location map
- ☐ B/W photographs
- ☒ Colour photographs
- ☐ Slides
- ☐ Aerial photographs
- ☐ Site plans, drawings
- ☒ Recording tables
- ☐ Other
- ☐ Feature inserts-No.

**Comments**




		<b>Aboriginal Site Recording Form</b> AHIMS Registrar PO Box 1967, Hurstville NSW 2220		
<b>Office Use Only</b> <div style="display: flex; justify-content: space-between;"> <div>           Date received <input type="text"/> / <input type="text"/> / <input type="text"/> </div> <div>           Date entered into system <input type="text"/> / <input type="text"/> / <input type="text"/> </div> <div>           Date catalogued <input type="text"/> / <input type="text"/> / <input type="text"/> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>           Entered by (I.D.) <input type="text"/> </div> <div> <b>Site Number</b> <input type="text"/> </div> </div>				
<b>Information Access</b> <input type="checkbox"/> Gender/male <input type="checkbox"/> Gender/female <input type="checkbox"/> Location restriction <input type="checkbox"/> General restriction <input type="checkbox"/> No access <b>For Further Information Contact:</b> <input type="checkbox"/> <b>Nominated Trustee</b> <div style="display: flex; justify-content: space-between;"> <div>Title <input type="text"/></div> <div>Surname <input type="text"/></div> <div>First Name <input type="text"/></div> <div>Initials <input type="text"/></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Organisation <input type="text"/></div> <div>Address <input type="text"/></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Phone number <input type="text"/></div> <div>Fax <input type="text"/></div> </div>				<b>Office Use Only</b>  Client on system <input type="checkbox"/>  Client on system <input type="checkbox"/>
<input type="checkbox"/> <b>Knowledge Holder</b> <div style="display: flex; justify-content: space-between;"> <div>Title <input type="text"/></div> <div>Surname <input type="text"/></div> <div>First Name <input type="text"/></div> <div>Initials <input type="text"/></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Organisation <input type="text"/></div> <div>Address <input type="text"/></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Phone number <input type="text"/></div> <div>Fax <input type="text"/></div> </div>				
<b>Aboriginal Heritage Unit or Cultural Heritage Division Contacts</b> <input type="text"/>				
<b>Geographic Location</b> Site Name <input type="text"/> SWRL SITE 11 Easting <input type="text"/> 300276   Northing <input type="text"/> 6240709   AGD/GDA <input type="text"/> GDA Mapsheet <input type="text"/> Zone <input type="text"/> 56   Location Method <input type="text"/> Non-Differential GPS Other Registration <input type="text"/>				
<b>Primary Recorder</b> <div style="display: flex; justify-content: space-between;"> <div>Title <input type="text"/></div> <div>Surname <input type="text"/> WESTON</div> <div>First Name <input type="text"/> JENNA</div> <div>Initials <input type="text"/></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Organisation <input type="text"/> AMBS</div> <div>Address <input type="text"/> 6 COLLEGE ST SYDNEY 2010</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Phone number <input type="text"/> 93206468</div> <div>Fax <input type="text"/> 93206428</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Date recorded <input type="text"/> 28/06/2010</div> </div>				Client on system <input type="checkbox"/>

# NPWS Aboriginal Site Recording Form - Site Information

page 2

OPEN/CLOSE SITE ☒ Open Site

## Site Context

### Landform

- ☐ Mountainous  
☒ Plain  
☐ Rolling hills  
☐ Steep hills  
☐ Undulating plain

### Slope

☐ degrees

### Landform Unit

- ☐ Beach  
☐ Coastal rock platform  
☐ Dune  
☐ Intertidal flat  
☐ Lagoon  
☐ Tidal Creek

- ☐ Tidal Flat  
☐ Cliff  
☐ Crest  
☒ Flat  
☐ Lower slope  
☐ Mid slope

- ☐ Upper slope  
☐ Plain  
☐ Ridge  
☐ Tor  
☐ Valley flat  
☐ Levy

- ☐ Stream bank  
☐ Stream channel  
☐ Swamp  
☐ Terrace  
☐ Terrace flat

### Vegetation

- ☐ Closed forest  
☐ Grasslands  
☐ Isolated clumps of trees  
☐ Open forest  
☐ Open woodland  
☒ Scrub  
☐ Woodland  
☒ Cleared  
☐ Revegetated  
☐ N/A

### Land use

- ☐ Conservation  
☐ Established urban  
☐ Farming-intensive  
☐ Farming-low intensity  
☐ Forestry  
☐ Industrial  
☐ Mining  
☒ Pastoral/grazing  
☐ Recreation  
☐ Semi-rural  
☐ Service corridor  
☐ Transport corridor  
☐ Urban expansion  
☐ N/A

### Water

Distance to permanent water source  metres  
 Distance to temporary water source  metres  
 Name of nearest permanent water source   
 Name of nearest temporary water

### Directions for Relocation

Coming from Sydney, travel west on the Hume Highway, bear left at Camden Valley Way and follow until just past Rynan Ave. Enter the property west of Adventureland, and follow the western boundary fence south into a vegetated area near the back of the property.

### Current Land Tenure

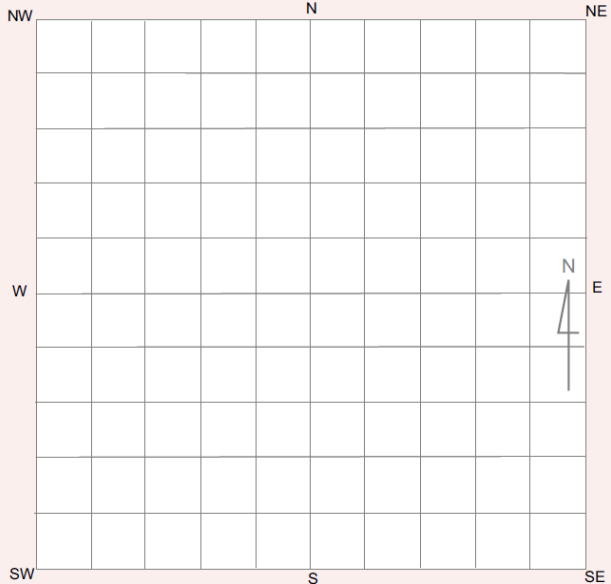
- ☐ Public National Park / other Government Dept.  
☒ Private

### Primary report

I.D.  (I.D. Office Use only)

AMBS (2010) South West Rail Link – Glenfield to Leppington Rail Line: Aboriginal Heritage Assessment (and Appendix) Consultancy report to Parsons Brinckerhoff Australia Pty Ltd.

### Site Location Map



# NPWS Aboriginal Site Recording Form - Site Information

page 3

## General Site Information

### Closed Site

#### Shelter/Cave Formation

- ☐ Boulder
- ☐ Wind erosion
- ☐ Water erosion
- ☐ Rock collapse

#### Rock Surface Condition

- ☐ Boulder
- ☐ Sandstone platform
- ☐ Silica gloss
- ☐ Tessellated
- ☐ Weathered
- ☐ Other platform

### Open Site

#### Site Orientation

- ☐ N-S
- ☐ NE-SW
- ☐ E-W
- ☐ SE-NW
- ☒ N/A

#### Condition of Ceiling

- ☐ Boulder
- ☐ Sandstone platform
- ☐ Silica gloss
- ☐ Tessellated
- ☐ Weathered
- ☐ Other platform

#### Shelter Aspect

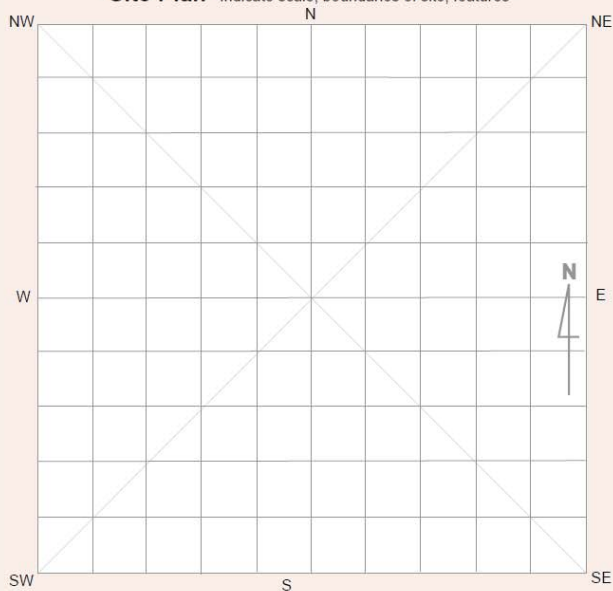
- ☐ North
- ☐ North East
- ☐ East
- ☐ South East
- ☐ South
- ☐ South West
- ☐ West
- ☐ North West

## Features

- ☐ 1. Aboriginal Ceremony & Dreaming
- ☐ 2. Aboriginal Resource & Gathering
- ☐ 3. Art
- ☒ 4. Artefact
- ☐ 5. Burial
- ☐ 6. Ceremonial Ring
- ☐ 7. Conflict
- ☐ 8. Earth Mound
- ☐ 9. Fish Trap
- ☐ 10. Grinding Groove
- ☐ 11. Habitation Structure
- ☐ 12. Hearth
- ☐ 13. Non Human Bone & Organic Material
- ☐ 14. Ochre quarry
- ☐ 15. Potential Archaeological Deposit
- ☐ 16. Stone Quarry
- ☐ 17. Shell
- ☐ 18. Stone Arrangement
- ☐ 19. Modified Tree
- ☐ 20. Water Hole

## Site Plan

Indicate scale, boundaries of site, features



## Site Dimensions

### Closed Site Dimensions (m)

- Internal length
- Internal width
- Shelter height
- Shelter floor area

### Open Site Dimensions (m)

- Total length of visible site
- Average width of visible site
- Estimated area of visible site
- Length of assessed site area

## Aboriginal Community Interpretation and Management Recommendations


## Preliminary Site Assessment

## Site Cultural &amp; Scientific Analysis and Preliminary Management Recommendations

SWRL Site 11 has been assessed as having low research potential and low archaeological significance. Results from archaeological excavations undertaken in the local area on similar landforms by Navin Officer in 2007 indicate that it is unlikely that subsurface archaeological deposits are present at this site, and that archaeological material is limited to a surface scatter of stone artefacts. As such, further archaeological investigation of this site, including archaeological excavation, is unlikely to increase the current scientific knowledge of the region. The site is outside of the proposed impact area for the SWRL project.

This section should only be filled in by the Endorsees

Endorsed by: ☐ Knowledge Holder ☐ Nominated Trustee ☐ Native Title Holder ☐ Community Consensus

Title	Surname	First Name	Initials
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Organisation	<input type="text"/>		
Address	<input type="text"/>		
Phone number	<input type="text"/>	Fax	<input type="text"/>

## Attachments (No.)

- ☒ A4 location map  
☐ B/W photographs  
☒ Colour photographs  
☐ Slides  
☐ Aerial photographs  
☐ Site plans, drawings  
☒ Recording tables  
☐ Other  
☐ Feature inserts-No.

## Comments






# NPWS Aboriginal Site Recording Form - Site Information

page 2

OPEN/CLOSE SITE ☒ Open Site

## Site Context

### Landform

- ☐ Mountainous  
☐ Plain  
☒ Rolling hills  
☐ Steep hills  
☐ Undulating plain

### Slope

☐ degrees

### Landform Unit

- ☐ Beach  
☐ Coastal rock platform  
☐ Dune  
☐ Intertidal flat  
☐ Lagoon  
☐ Tidal Creek

- ☐ Tidal Flat  
☐ Cliff  
☐ Crest  
☐ Flat  
☐ Lower slope  
☐ Mid slope

- ☐ Upper slope  
☐ Plain  
☒ Ridge  
☐ Tor  
☐ Valley flat  
☐ Levy

- ☐ Stream bank  
☐ Stream channel  
☐ Swamp  
☐ Terrace  
☐ Terrace flat

### Vegetation

- ☐ Closed forest  
☐ Grasslands  
☐ Isolated clumps of trees  
☐ Open forest  
☐ Open woodland  
☐ Scrub  
☐ Woodland  
☒ Cleared  
☐ Revegetated  
☐ N/A

### Land use

- ☐ Conservation  
☐ Established urban  
☐ Farming-intensive  
☐ Farming-low intensity  
☐ Forestry  
☐ Industrial  
☐ Mining  
☒ Pastoral/grazing  
☐ Recreation  
☐ Semi-rural  
☐ Service corridor  
☐ Transport corridor  
☐ Urban expansion  
☐ N/A

### Water

Distance to permanent water source  metres  
Distance to temporary water source  metres  
Name of nearest permanent water source   
Name of nearest temporary water

Directions for Relocation  
Coming from Sydney, travel west on the Hume Highway, bear left at Camden Valley Way, then bear left at Bringelly Road. Enter the property west of 101 Bringelly Road, and follow the western boundary fence south of a vegetated area near the top of a hill.

### Current Land Tenure

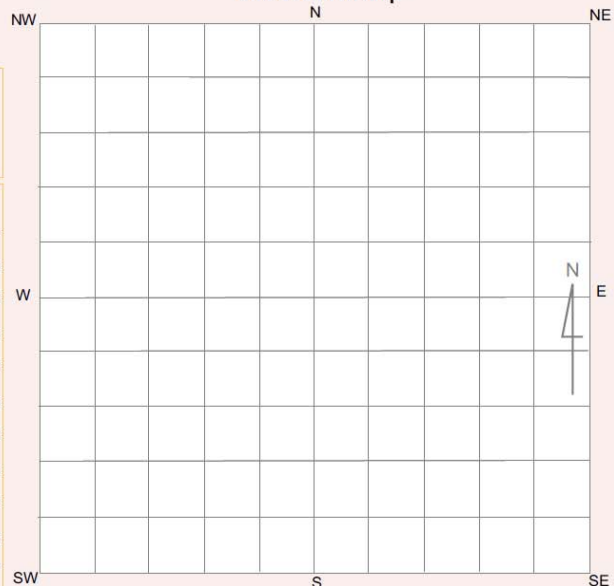
- ☐ Public National Park / other Government Dept.  
☒ Private

### Primary report

I.D.  (I.D. Office Use only)

AMBS (2010) South West Rail Link - Glenfield to Leppington Rail Line: Aboriginal Heritage Assessment (and Appendix). Consultancy report to Parsons Brinckerhoff Australia Pty Ltd.

### Site Location Map



# NPWS Aboriginal Site Recording Form - Site Information

page 3

## General Site Information

### Closed Site

#### Shelter/Cave Formation

- ☐ Boulder
- ☐ Wind erosion
- ☐ Water erosion
- ☐ Rock collapse

#### Rock Surface Condition

- ☐ Boulder
- ☐ Sandstone platform
- ☐ Silica gloss
- ☐ Tessellated
- ☐ Weathered
- ☐ Other platform

#### Condition of Ceiling

- ☐ Boulder
- ☐ Sandstone platform
- ☐ Silica gloss
- ☐ Tessellated
- ☐ Weathered
- ☐ Other platform

#### Shelter Aspect

- ☐ North
- ☐ North East
- ☐ East
- ☐ South East
- ☐ South
- ☐ South West
- ☐ West
- ☐ North West

### Open Site

#### Site Orientation

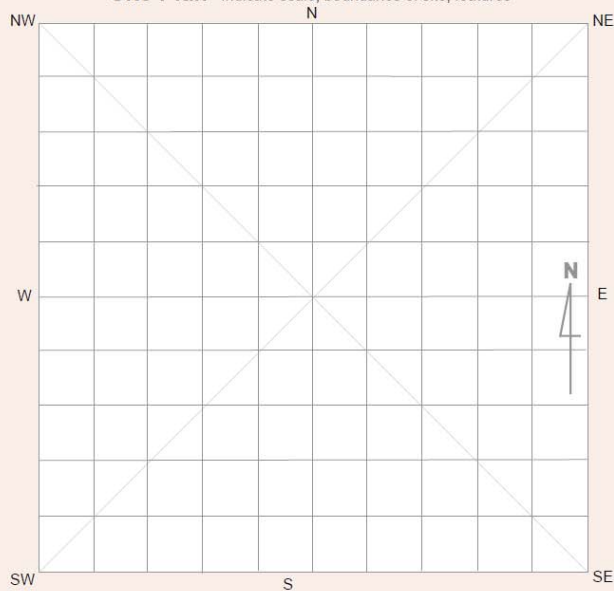
- ☐ N-S
- ☐ NE-SW
- ☐ E-W
- ☐ SE-NW
- ☒ N/A

## Features

- ☐ 1. Aboriginal Ceremony & Dreaming
- ☐ 2. Aboriginal Resource & Gathering
- ☐ 3. Art
- ☒ 4. Artefact
- ☐ 5. Burial
- ☐ 6. Ceremonial Ring
- ☐ 7. Conflict
- ☐ 8. Earth Mound
- ☐ 9. Fish Trap
- ☐ 10. Grinding Groove
- ☐ 11. Habitation Structure
- ☐ 12. Hearth
- ☐ 13. Non Human Bone & Organic Material
- ☐ 14. Ochre quarry
- ☐ 15. Potential Archaeological Deposit
- ☐ 16. Stone Quarry
- ☐ 17. Shell
- ☐ 18. Stone Arrangement
- ☐ 19. Modified Tree
- ☐ 20. Water Hole

## Site Plan

Indicate scale, boundaries of site, features



## Site Dimensions

### Closed Site Dimensions (m)

- Internal length
- Internal width
- Shelter height
- Shelter floor area

### Open Site Dimensions (m)

- Total length of visible site
- Average width of visible site
- Estimated area of visible site
- Length of assessed site area



**Aboriginal Community Interpretation and Management Recommendations**


**Preliminary Site Assessment****Site Cultural & Scientific Analysis and Preliminary Management Recommendations**

SWRL Site 12 has been assessed as having low research potential and low archaeological significance. The site is outside of the proposed impact area for the SWRL project.


This section should only be filled in by the Endorsees



**Endorsed by:** ☐ Knowledge Holder ☐ Nominated Trustee ☐ Native Title Holder ☐ Community Consensus

Title	Surname	First Name	Initials
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Organisation	<input type="text"/>		
Address	<input type="text"/>		
Phone number	<input type="text"/>	Fax	<input type="text"/>

**Attachments (No.)**

- ☒ A4 location map  
☐ B/W photographs  
☒ Colour photographs  
☐ Slides  
☐ Aerial photographs  
☐ Site plans, drawings  
☒ Recording tables  
☐ Other  
☐ Feature inserts-No.

**Comments**


		<b>Aboriginal Site Recording Form</b> AHIMS Registrar PO Box 1967, Hurstville NSW 2220		
<b>Office Use Only</b> <div style="display: flex; justify-content: space-between;"> <div>           Date received <input type="text"/>/ <input type="text"/>/ <input type="text"/> </div> <div>           Date entered into system <input type="text"/>/ <input type="text"/>/ <input type="text"/> </div> <div>           Date catalogued <input type="text"/>/ <input type="text"/>/ <input type="text"/> </div> </div> <div style="display: flex;"> <div>Entered by (I.D.) <input type="text"/></div> <div style="flex-grow: 1;"> <b>Site Number</b> <input type="text"/> </div> </div>				
<b>Information Access</b> <input type="checkbox"/> Gender/male <input type="checkbox"/> Gender/female <input type="checkbox"/> Location restriction <input type="checkbox"/> General restriction <input type="checkbox"/> No access <b>For Further Information Contact:</b> <input type="checkbox"/> <b>Nominated Trustee</b> <div style="display: flex; justify-content: space-between;"> <div>Title <input type="text"/></div> <div>Surname <input type="text"/></div> <div>First Name <input type="text"/></div> <div>Initials <input type="text"/></div> </div> <div>Organisation <input type="text"/></div> <div>Address <input type="text"/></div> <div>Phone number <input type="text"/> Fax <input type="text"/></div>				<b>Office Use Only</b>  Client on system <input type="checkbox"/>
<input type="checkbox"/> <b>Knowledge Holder</b> <div style="display: flex; justify-content: space-between;"> <div>Title <input type="text"/></div> <div>Surname <input type="text"/></div> <div>First Name <input type="text"/></div> <div>Initials <input type="text"/></div> </div> <div>Organisation <input type="text"/></div> <div>Address <input type="text"/></div> <div>Phone number <input type="text"/> Fax <input type="text"/></div>				Client on system <input type="checkbox"/>
<b>Aboriginal Heritage Unit or Cultural Heritage Division Contacts</b> <input type="text"/>				
<b>Geographic Location</b> Site Name <input type="text"/> SWRL SITE 13 Easting <input type="text"/> 297164   Northing <input type="text"/> 6240839   AGD/GDA <input type="text"/> GDA Mapsheet <input type="text"/> Zone <input type="text"/> 56   Location Method <input type="text"/> Non-Differential GPS Other Registration <input type="text"/>				
<b>Primary Recorder</b> <div style="display: flex; justify-content: space-between;"> <div>Title <input type="text"/></div> <div>Surname <input type="text"/> WESTON</div> <div>First Name <input type="text"/> JENNA</div> <div>Initials <input type="text"/></div> </div> <div>Organisation <input type="text"/> AMBS</div> <div>Address <input type="text"/> 6 COLLEGE ST SYDNEY 2010</div> <div>Phone number <input type="text"/> 93206468 Fax <input type="text"/> 93206428</div> <div>Date recorded <input type="text"/> 28/06/2010</div>				Client on system <input type="checkbox"/>

# NPWS Aboriginal Site Recording Form - Site Information

page 2

OPEN/CLOSE SITE ☒ Open Site

## Site Context

### Landform

- ☐ Mountainous  
☐ Plain  
☐ Rolling hills  
☐ Steep hills  
☒ Undulating plain

### Slope

☐ degrees

### Landform Unit

- ☐ Beach  
☐ Coastal rock platform  
☐ Dune  
☐ Intertidal flat  
☐ Lagoon  
☐ Tidal Creek

- ☐ Tidal Flat  
☐ Cliff  
☐ Crest  
☐ Flat  
☒ Lower slope  
☒ Mid slope

- ☒ Upper slope  
☐ Plain  
☐ Ridge  
☐ Tor  
☐ Valley flat  
☐ Levy

- ☐ Stream bank  
☐ Stream channel  
☐ Swamp  
☐ Terrace  
☐ Terrace flat

### Vegetation

- ☐ Closed forest  
☐ Grasslands  
☐ Isolated clumps of trees  
☐ Open forest  
☐ Open woodland  
☐ Scrub  
☐ Woodland  
☒ Cleared  
☐ Revegetated  
☐ N/A

### Land use

- ☐ Conservation  
☐ Established urban  
☐ Farming-intensive  
☐ Farming-low intensity  
☐ Forestry  
☐ Industrial  
☐ Mining  
☐ Pastoral/grazing  
☐ Recreation  
☐ Semi-rural  
☐ Service corridor  
☐ Transport corridor  
☒ Urban expansion  
☐ N/A

### Water

Distance to permanent water source  metres  
 Distance to temporary water source  metres  
 Name of nearest permanent water source   
 Name of nearest temporary water

Directions for Relocation  
 Coming from Sydney, travel west on the Hume Highway, bear left at Camden Valley Way, bear left at Bringelly Road, then turn left at Dickson Road. Enter the property via a driveway south of 152 Dickson Road. The driveway extends into the property. The site is located throughout the property.

### Current Land Tenure

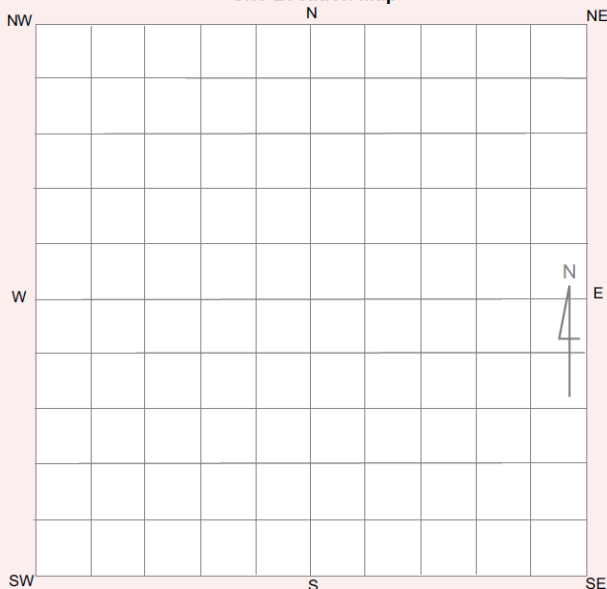
- ☐ Public National Park / other Government Dept.  
☐ Private TCA (FORMERLY TIDC)

### Primary report

I.D.  (I.D. Office Use only)

AMBS (2010) South West Rail Link - Glenfield to Leppington Rail Line: Aboriginal Heritage Assessment (and Appendix) Consultancy report to Parsons Brinckerhoff Australia Pty Ltd.

### Site Location Map



# NPWS Aboriginal Site Recording Form - Site Information

page 3

## General Site Information

### Closed Site

#### Shelter/Cave Formation

- ☐ Boulder
- ☐ Wind erosion
- ☐ Water erosion
- ☐ Rock collapse

#### Rock Surface Condition

- ☐ Boulder
- ☐ Sandstone platform
- ☐ Silica gloss
- ☐ Tessellated
- ☐ Weathered
- ☐ Other platform

#### Condition of Ceiling

- ☐ Boulder
- ☐ Sandstone platform
- ☐ Silica gloss
- ☐ Tessellated
- ☐ Weathered
- ☐ Other platform

#### Shelter Aspect

- ☐ North
- ☐ North East
- ☐ East
- ☐ South East
- ☐ South
- ☐ South West
- ☐ West
- ☐ North West

### Open Site

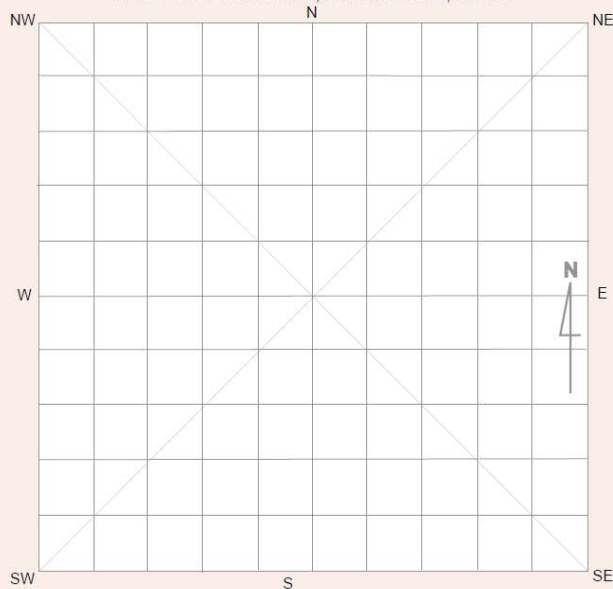
#### Site Orientation

- ☐ N-S
- ☐ NE-SW
- ☐ E-W
- ☐ SE-NW
- ☒ N/A

## Features

- ☐ 1. Aboriginal Ceremony & Dreaming
- ☐ 2. Aboriginal Resource & Gathering
- ☐ 3. Art
- ☒ 4. Artefact
- ☐ 5. Burial
- ☐ 6. Ceremonial Ring
- ☐ 7. Conflict
- ☐ 8. Earth Mound
- ☐ 9. Fish Trap
- ☐ 10. Grinding Groove
- ☐ 11. Habitation Structure
- ☐ 12. Hearth
- ☐ 13. Non Human Bone & Organic Material
- ☐ 14. Ochre quarry
- ☐ 15. Potential Archaeological Deposit
- ☐ 16. Stone Quarry
- ☐ 17. Shell
- ☐ 18. Stone Arrangement
- ☐ 19. Modified Tree
- ☐ 20. Water Hole

## Site Plan Indicate scale, boundaries of site, features



## Site Dimensions

### Closed Site Dimensions (m)

- Internal length
- Internal width
- Shelter height
- Shelter floor area

### Open Site Dimensions (m)

- Total length of visible site
- Average width of visible site
- Estimated area of visible site
- Length of assessed site area



## Aboriginal Community Interpretation and Management Recommendations


## Preliminary Site Assessment

## Site Cultural &amp; Scientific Analysis and Preliminary Management Recommendations

SWRL Site 13 has been assessed as having low research potential and low archaeological significance. As such, further archaeological investigation of this site is unlikely to increase the current scientific knowledge of the region. However, the site will be directly impacted as part of the SWRL project, and as such, the Aboriginal community should be offered the opportunity to collect and relocate artefacts outside of the construction area prior to works beginning.


This section should only be filled in by the Endorsees

Endorsed by: ☐ Knowledge Holder ☐ Nominated Trustee ☐ Native Title Holder ☐ Community Consensus

Title	Surname	First Name	Initials
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Organisation	<input type="text"/>		
Address	<input type="text"/>		
Phone number	<input type="text"/>	Fax	<input type="text"/>

## Attachments (No.)

- ☒ A4 location map  
☐ B/W photographs  
☒ Colour photographs  
☐ Slides  
☐ Aerial photographs  
☐ Site plans, drawings  
☒ Recording tables  
☐ Other  
☐ Feature inserts-No.

## Comments