# **APPENDIX A:**

# AERIAL PHOTOGRAPHS OF SUBJECT AREA



Figure A1: Aerial photograph of the study area in 1930 (Source: Lands and Property Management Authority).

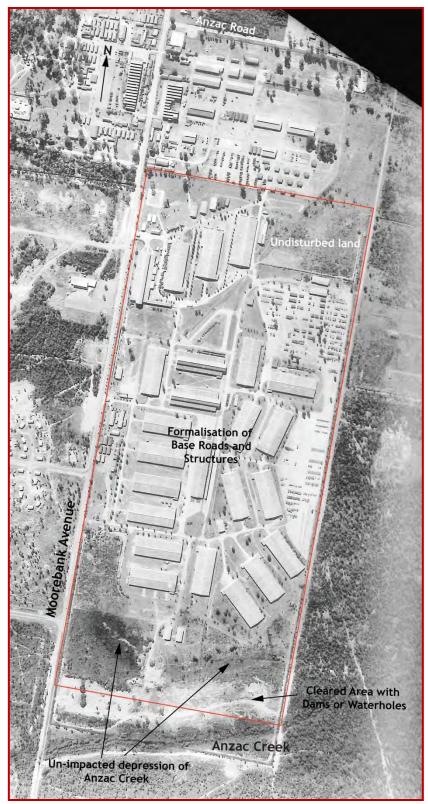


Figure A2: Aerial photograph of the study area in 1955. The development of the base began in the 1940's and is largely formalised by this time. Areas to the northeast and the southern quadrants appear relatively undisturbed (Source: Lands and Property Management Authority).

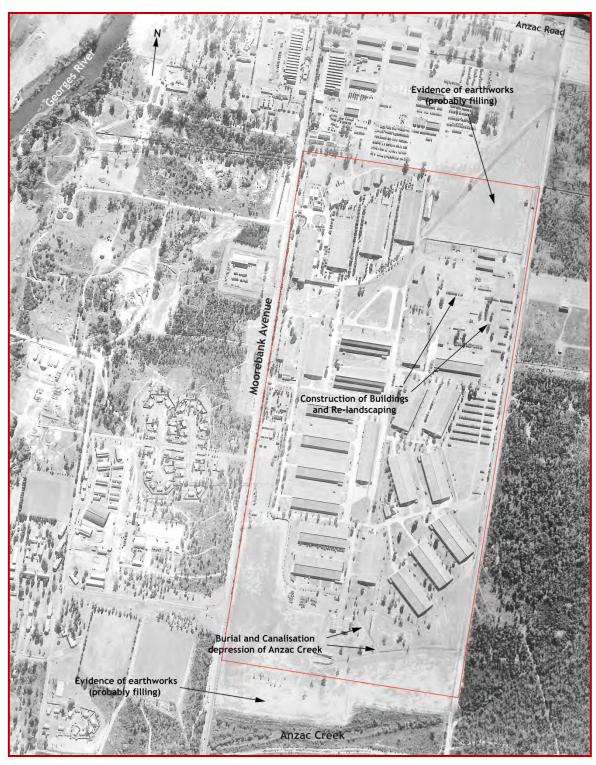


Figure A3: Aerial photograph of the study area in 1961. By this time the base's roads are formalised and relandscaping is well established. Further earthworks, most likely the introduction of fill, have occurred in the southern and northeastern quadrant of the study area. The water depression of Anzac Creek within the study area has now been canalised (Source: Lands and Property Management Authority).

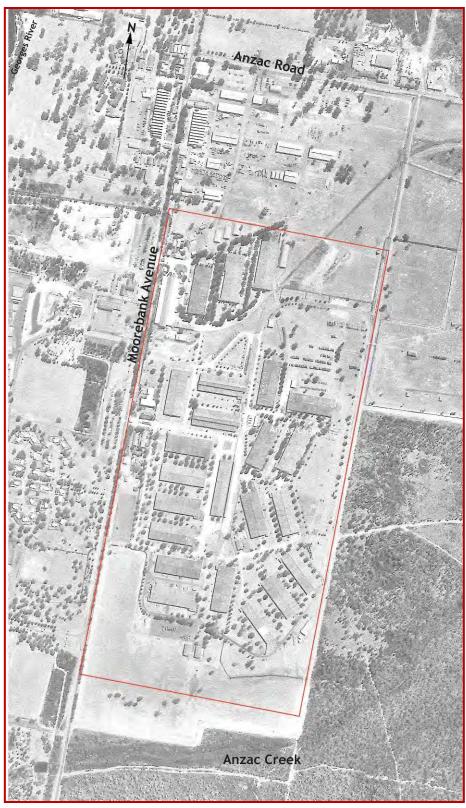


Figure A4: Aerial photograph of the study area in 1965 (Source: Lands and Property Management Authority).

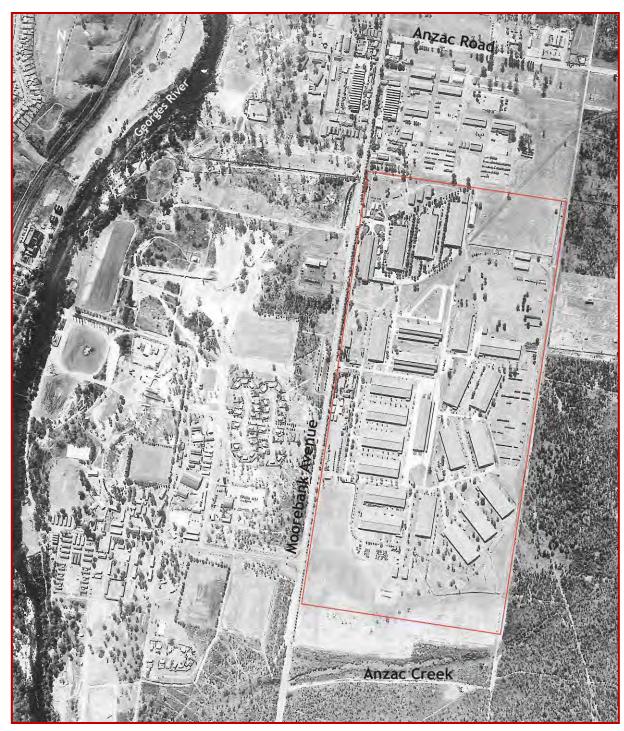


Figure A5: Aerial photograph of the study area in 1979 (Source: Lands and Property Management Authority).

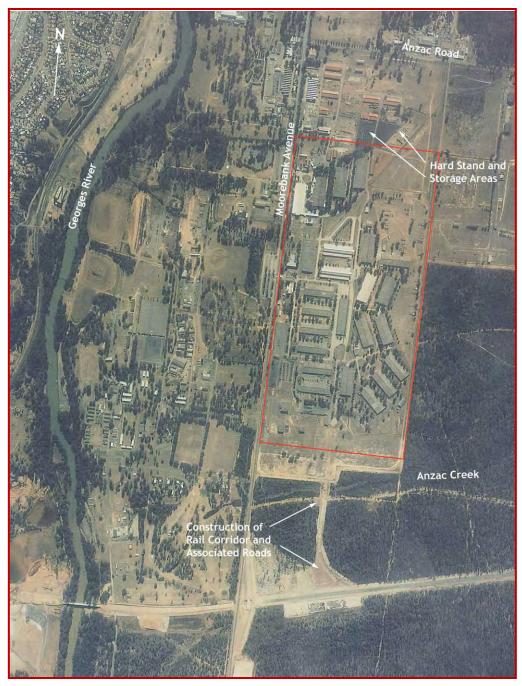


Figure A6: Aerial photograph of the study area in 1986. The development of a rail corridor through the study area has led to additional impacts to Anzac Creek and associated areas. Changes to the northern parts of the study area are also evident (Source: Lands and Property Management Authority).



Figure A7: Aerial photograph of the study area in 1994. The rail corridor to the south is complete by this time, while new structures have been developed in several parts of the study area (Source: Lands and Property Management Authority).

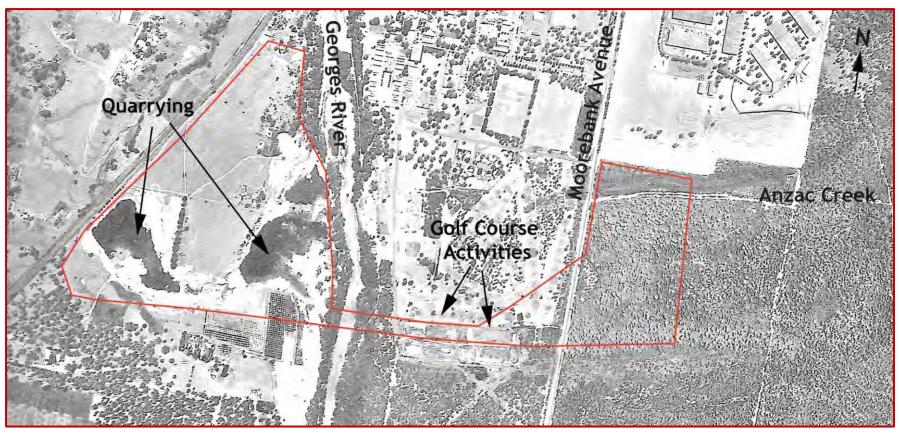


Figure A8: Aerial photograph of the supplementary lands in 1979. Sand/gravel extraction has just begun to the west of Georges River and the golf course, southeast of the study area, has also recently begun construction (Source: Lands and Property Management Authority).

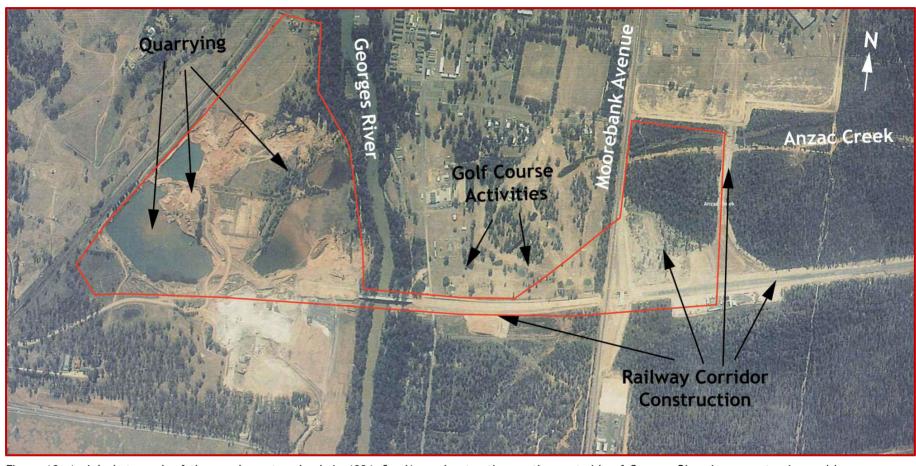


Figure A9: Aerial photograph of the supplementary lands in 1984. Sand/gravel extraction on the west side of Georges River is now extensive and has heavily impacted the proposed area. The area of supplementary lands to the south and west of the quarries on closer inspection is actually a large mullock heap. The construction of the rail corridor has also led to extensive clearance and earthworks through large parts of the supplementary lands (Source: Lands and Property Management Authority).



Figure A10: Aerial photograph of the supplementary lands in 1994. Sand/gravel extraction has reached its maximum extent with the entire supplementary lands west of the Georges River having been modified. The golf course is now established, but recovery of the vegetation from the rail construction is still ongoing (Source: Lands and Property Management Authority).

# **APPENDIX B:**

# AHIMS DATA AND SITE CARDS



# AHIMS Web Services (AWS) Search Result

Your Ref Number: Moorebank Intermodal

Client Service ID: 46598

Date: 12 July 2011

Archaeological & Heritage Management Solutions Pty Ltd (AH

349 Annandale Street

Annandale New South Wales 2038

Attention: Anna Biggs

Email: annab@arksolutions.com.au

Dear Sir or Madam:

AHIMS Web Service search for the following area at Datum :GDA, Zone : 56, Eastings : 305000 - 311000,

Northings : 6237000 - 6244500 with a Buffer of 50 meters. Additional Info : To inform ACHA report for client.

conducted by Anna Biggs on 12 July 2011

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

32	Aborigina	Aboriginal sites are recorded in or near the above location.						
1	1 Aboriginal places have been declared in or near the above location. *							
	<u>ID</u>	Aboriginal Place Name						
	0	Collingwood Precinct						

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

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

#### Important information about your AHIMS search

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

ABN 30 841 387 271

Email: ahims@environment.nsw.gov.au

Web: www.environment.nsw.gov.au

• This search can form part of your due diligence and remains valid for 12 months.



# AHIMS Web Services (AWS) Search Result

Your Ref Number: Moorebank Intermodal

Client Service ID: 46598

Date: 12 July 2011

Archaeological & Heritage Management Solutions Pty Ltd (AH

349 Annandale Street

Annandale New South Wales 2038

Attention: Anna Biggs

Email: annab@arksolutions.com.au

Dear Sir or Madam:

AHIMS Web Service search for the following area at Datum :GDA, Zone : 56, Eastings : 305000 - 311000,

Northings : 6237000 - 6244500 with a Buffer of 50 meters. Additional Info : To inform ACHA report for client.

conducted by Anna Biggs on 12 July 2011

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

32	Aborigina	Aboriginal sites are recorded in or near the above location.						
1	1 Aboriginal places have been declared in or near the above location. *							
	<u>ID</u>	Aboriginal Place Name						
	0	Collingwood Precinct						

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

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

#### Important information about your AHIMS search

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- Information recorded on AHIMS may vary in its accuracy and may not be up to date .Location details are recorded as grid references and it is important to note that there may be errors or omissions in these recordings,
- Some parts of New South Wales have not been investigated in detail and there may be fewer records of Aboriginal sites in those areas. These areas may contain Aboriginal sites which are not recorded on AHIMS.
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ABN 30 841 387 271

Email: ahims@environment.nsw.gov.au

Web: www.environment.nsw.gov.au

• This search can form part of your due diligence and remains valid for 12 months.



# **AHIMS Web Services (AWS)**

## **Extensive search - Site list report**

Your Ref Number : Moorebank Intermodal

Client Service ID: 46598

	SiteID	SiteName	<u>Datum</u>	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	45-6-2428	Glenfield S.T.	AGD	56	306200	6239600	Open site	Valid		Scarred Tree	
Contact		Contact	Recorders	Anth	ony English				<b>Permits</b>		
	45-5-0892	WG1 (Wattle Grove)	AGD	56	309070	6239950	Open site	Valid	Artefact : -	Open Camp Site	2474
		Contact	Recorders	Phili	p Boot				<b>Permits</b>	465	
	45-5-0724	Kiawaka 1	AGD	56	305950	6240270	Open site	Valid	Artefact : -	Open Camp Site	1360
Contact		Contact	Recorders	Mary	Dallas Cons	ulting Archae	ologists		<b>Permits</b>		
45-5-2934   11414	45-5-0124	,	AGD			6236964	Closed site	Valid	Engraved) : -	Shelter with Art	
Contact   Recorder   Navin Officer   Heritage Consultants   Pty Ltd   Deposit (PAD) :											
AGD   S6   306250   6240150   Open site   Valid   Artefact : -   Open Camp Site   1360	45-5-2934	H414	AGD	56	307600	6237325	Open site	Valid	Archaeological		
Contact   Recorders   Mary Dallas Content   Solidary   Solidary		Contact	Recorders	Navi	n Officer Hei	itage Consulta	ints Pty Ltd		<b>Permits</b>		
Artefact	45-5-0723	Kiawaka 2	AGD	56	306250	6240150	Open site	Valid	Artefact : -	Open Camp Site	1360
Archaeological   Deposit (PAD) :   Deposit (PA		Contact	Recorders	Mary	Dallas Cons	ulting Archaeo	ologists		<b>Permits</b>		
	45-5-3629	Collingwood Park (CW 1)	GDA	56	307600	6243160	Open site	Valid	Archaeological		101316
Contact   Recorders   Margrit Koettig   Foundation   Fo											
AGD   S6   310620   6239950   Open site   Valid   Artefact : -   Open Camp Site   2826	52-2-0086					6237700	Closed site	Valid	Engraved):-	Shelter with Art	
Contact         Recorders         Philip Boot         Valid         Artefact: -         Open Camp Site         2474           45-5-0891         WG2 (Wattle Grove)         AGD         56 309020         6239950         Open site         Valid         Artefact: -         Open Camp Site         2474           45-5-2968         Site H1025         AGD         56 307280         6237500         Open site         Valid         Artefact: -         Permits         ***           45-5-0722         Kiawaka 5         AGD         56 306300         6240340         Open site         Valid         Modified Tree         Scarred Tree         1360           45-5-0722         Kiawaka 5         AGD         56 306300         6240340         Open site         Valid         Modified Tree         Scarred Tree         1360           45-5-0724         Holsworthy (H) 2;         AGD         56 309550         6240200         Open site         Valid         Artefact: -         Open Camp Site         1934           45-5-0794         Holsworthy (H) 2;         AGD         56 309550         6240200         Open site         Valid         Artefact: -         Open Camp Site         1934           45-5-0794         Holsworthy (H) 2;         AGD         56 309550         6240200	45.5.0070			_		(220050	0 1	** 1: 1		0 0 0	2026
AGD   56   309020   6239950   Open site   Valid   Artefact : -   Open Camp Site   2474	45-5-0972	WGO3-1	AGD			6239950	Open site	Valid	Artefact : -	1 1	2826
Contact         Recorders         Philip Boot         Open site         Valid         Artefact : -           45-5-2968         Site H1025         AGD         56 307280 6237500 Open site         Valid         Artefact : -           Contact         Recorders         Navin Officer Heritage Consultants Pty Ltd         Permits         Scarred Tree         1360 (Carved or Scarred) : -           45-5-0722         Kiawaka 5         AGD         56 306300 6240340 Open site         Valid         Modified Tree Scarred Tree         Scarred Tree         1360 (Carved or Scarred) : -           Contact         Recorders         Mary Dallas Consulting Archaeologists         Permits         2521           45-5-0794         Holsworthy (H) 2;         AGD         56 309550 6240200 Open site         Valid         Artefact : -         Open Camp Site         1934           Contact         Recorders         Philip Boot         Permits         456         456					_						
AGD   56   307280   6237500   Open site   Valid   Artefact : -	45-5-0891	WG2 (Wattle Grove)	AGD			6239950	Open site	Valid	Artefact : -		2474
Contact         Recorders         Navin Officer Heritage Consultants Pty Ltd         Permits           45-5-0722         Kiawaka 5         AGD         56 306300 6240340 Open site         Valid         Modified Tree Scarred Tree         Scarred Tree         1360 (Carved or Scarred): -           **Contact         Recorders         Mary Dallas Consulting Archaeologists         Permits         2521           45-5-0794         Holsworthy (H) 2;         AGD         56 309550 6240200 Open site         Valid         Artefact : -         Open Camp Site         1934           **Contact**         Recorders         Philip Boot         **Dermits**         456										465	
AGD   56   306300   6240340   Open site   Valid   Modified Tree   Scarred Tree   1360   Carved or Scarred   :	45-5-2968	Site H1025	AGD	56	307280	6237500	Open site	Valid	Artefact : -		
Contact   Recorders   Mary Dallas Consulting Archaeologists   Permits   2521							· .				
45-5-0794 Holsworthy (H) 2; AGD 56 309550 6240200 Open site Valid Artefact : - Open Camp Site 1934 <u>Contact</u> Philip Boot <u>Permits</u> 456	45-5-0722							Valid	(Carved or Scarred) : -		1360
Contact Recorders Philip Boot Permits 456	45 5 0704					-		37 1:1			1024
1	45-5-07/94	Holsworthy (H) 2;	AGD			6240200	Open site	valid	Artefact : -	• •	1934
45-5-2355 WGO 3-1; (duplicate copy 45-5-0972) AGD 56 310620 6239950 Open site Valid Artefact: - Open Camp Site											
	45-5-2355	WGO 3-1; (duplicate copy 45-5-0972)	AGD	56	310620	6239950	Open site	Valid	Artefact : -	Open Camp Site	

Report generated by AHIMS Web Service on 12/07/2011 for Anna Biggs for the following area at Datum :GDA, Zone : 56, Eastings : 305000 - 311000, Northings : 6237000 - 6244500 with a Buffer of 50 meters. Additional Info : To inform ACHA report for client.. Number of Aboriginal sites and Aboriginal objects found is 32

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# **AHIMS Web Services (AWS)**

### **Extensive search - Site list report**

Your Ref Number : Moorebank Intermodal

Client Service ID: 46598

SiteID	SiteName	<u>Datum</u>	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Philij	p Boot				<b>Permits</b>		
45-5-0889	WG 4 (Wattle Grove)	AGD	56	309130	6240170	Open site	Valid	Artefact : -	Open Camp Site	2474
	Contact	Recorders	Philip	p Boot				<b>Permits</b>	465	
45-5-2540	Liverpool Weir ocs1	AGD	56	308420	6244040	Open site	Valid	Artefact : -	Open Camp Site	98443
	Contact	Recorders	Jeff 7	Γhomas				<u>Permits</u>		
45-5-0890	WG3 (Wattle Grove)	AGD	56	309100	6240030	Open site	Valid	Artefact : -	Open Camp Site	2474
	Contact	Recorders	Phili	o Boot				<b>Permits</b>	465	
45-5-2883	MB.1	AGD	56	308700	6241700	Open site	Valid	Artefact : -		
	Contact	Recorders	Mary	Dallas Cons	ulting Archae	ologists		Permits		
45-5-2919	H667	AGD	56	306990	6237370	Open site	Valid	Artefact : -		
	Contact	Recorders						<b>Permits</b>		
45-5-2946	H363	AGD	56	307050	6237560	Open site	Valid	Artefact : -		
	Contact	Recorders						<u>Permits</u>		
45-5-2963	Site H928	AGD	56	306840	6237510	Open site	Valid	Modified Tree		
								(Carved or Scarred): -		
	Contact	Recorders		oie Oakley				<u>Permits</u>		
45-5-0795	Holsworthy (H) 1;	AGD	56	309300	6240120	Open site	Valid	Artefact : -	Open Camp Site	1934
	<u>Contact</u>	Recorders		p Boot				<u>Permits</u>	456	
45-5-3639	BC1 (Liverpool)	GDA	56	305214	6237770	Open site	Valid	Artefact : 1		101368
	Contact	Recorders	Mr.C	liver Brown				<u>Permits</u>		
45-5-0720	Kiawaka 3	AGD	56	305980	6240600	Open site	Valid	Modified Tree	Scarred Tree	1360
		D 1	M	. D-II C		-1:		(Carved or Scarred) : -	264	
45-5-0721	Contact Kiawaka 4	AGD	-	306000	sulting Archae 6240660	Open site	Valid	Permits  Modified Tree	264 Scarred Tree	1360
45-5-0721	Niawaka 4	AGD	30	300000	0240000	Open site	vanu	(Carved or Scarred) : -	Scarred Tree	1300
	Contact	Recorders	Mary	Dallas Cons	ulting Archae	ologists		Permits		
45-5-0123	George's River;	AGD	56	307040	6236964	Closed site	Valid	Art (Pigment or	Shelter with Art	
								Engraved):-		
	Contact	Recorders		neridge				<u>Permits</u>		
45-5-3531	Glenfield 1	GDA	56	306252	6239702	Open site	Valid	Artefact : 1		
	<u>Contact</u>	Recorders				ervices (AMBS)		<u>Permits</u>		
45-5-2538	HPR-ST-1	AGD	56	306810	6243650	Open site	Valid	Modified Tree	Scarred Tree	98443
	Combont	Daniel	Dala	mno Mille				(Carved or Scarred) : -		
45-5-2947	Contact H362	Recorders AGD	-	nne Mills 307130	6238300	Open site	Valid	Permits Artefact : -		
43-3-474/	11302	AUD	30	30/130	0436300	Open site	v allu	Artefact		

Report generated by AHIMS Web Service on 12/07/2011 for Anna Biggs for the following area at Datum :GDA, Zone : 56, Eastings : 305000 - 311000, Northings : 6237000 - 6244500 with a Buffer of 50 meters. Additional Info : To inform ACHA report for client.. Number of Aboriginal sites and Aboriginal objects found is 32

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# **AHIMS Web Services (AWS)**

## **Extensive search - Site list report**

Your Ref Number: Moorebank Intermodal

Client Service ID: 46598

SiteID	SiteName	<u>Datum</u>	Zone	<b>Easting</b>	Northing	Context	Site Status	<b>SiteFeatures</b>	<b>SiteTypes</b>	Reports
	Contact	Recorders						<b>Permits</b>		
45-5-2931	H581	AGD	56	306850	6237490	Open site	Valid	Artefact : -		
	Contact	Recorders	Navi	n Officer Hei	ritage Consulta	ints Pty Ltd		<u>Permits</u>		
45-5-2369	WGO3-2;( REFER TO 45-5-0971)	AGD	56	310430	6239900	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	Recorders	Phili	p Boot				<b>Permits</b>		
45-5-0971	WGO3-2	AGD	56	310430	6239900	Open site	Valid	Artefact : -	Open Camp Site	2826
	Contact	Recorders	Phili	p Boot				<u>Permits</u>		

Report generated by AHIMS Web Service on 12/07/2011 for Anna Biggs for the following area at Datum :GDA, Zone : 56, Eastings : 305000 - 311000, Northings : 6237000 - 6244500 with a Buffer of 50 meters. Additional Info : To inform ACHA report for client.. Number of Aboriginal sites and Aboriginal objects found is 32

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Nutional Parks and Wildlife Service BOX N189, GROSVENOR STREET POST OFFICE, SYDNEY, NSW 2000. TEL (02) 237 6500 Standard Site Recording Form



45 - 5 - 0722

<del></del>						····
MAP NAME	EDITION	SCALE	REFEREN	ICE	HEAD OFFICE U	ISE ONLY:
SIDNEY	556-5-d				ľ	45-5-722
LIVERPOOL	9030-11-5	1.25000	0630 1	-		
	1030-113	1.00		•	Site types:	File nos:
					TREE	Date
				į	Filed by:	16/11/86
Site name: KIAWA		Locality/property			Owner/Manager:	DEPT. HOUSING
Local post office:	1011/4 <u>4</u>	THMAKH 8	C, STATES	ASULA	Address:	P.O. BOX 466
Local post office.	nsuch .		_ •			LIVERPOOL 2170
NPWS District:		Region: CENT	RAL			
Reason for investigation	on (give R.O. instruc NSSSSMEA		elicable):			
Portion no:	_ 1	Other land category	y:		sketch/section of s	ite attached? <del>//es/</del> No.
Parish: City of U		Journey.			os taken? Yes/Ne-	
Air photo refs. (for ster	eo pair)					Z.
How to get to the site (		· · · · · · · · · · · · · · · · · · ·				
Other sites in locality? Are sites in NPWS Reg Have artefacts been re By whom? Is site important to local	Yes/Ne- ister? Yes/No- emoved from site? <del>Y</del>	Site T Unreg <del>cs</del> /No/d <del>en't know.</del> Depos	ypes include: ( pistered sites —	Sper	or future recording?	Yes/No.
Give contact(s) name(s	-	<del>iordon i k</del> now.	WES	ern'	METROPOLI	THE RECLOUAL AL LAND GONCIL
Contacted for this reco (Attach additional information	•	why not?				
Verbal/written reference	e sources (including f	ull title of accompan FOMMO GRO 2757 KU	ying report).  Walka E	ey of glade	the Jept. 0	PHOSING Hojeat
Checklist: surface visibility, damage/disturbance/ threat to site	Condition of site	e OK.	has we	eath	ered / mos	ssy appareme
Recommendations for r			ate sheet if neces		teg an	Hifugal sedicide gray
Site recorded by: Address/institution:	M. DALM 31 WATE BALMAN	5 2018TO S	Date	ə: - ,	70 · 6 · 88	

#### OFFICE USE ONLY: NPWS site no: SITE POSITION & ENVIRONMENT c. slope: 10 0 b. site aspect: Open 1. Land form a. beach/hill slope/ridge top, etc: e. Describe briefly: on edox of cole, tubulary of para d. mark on diagram provided or on your own sketch the position of the site: f. Local rock type: Shall days g. Land use/effect: Source: 100 m 2. Distance from drinking water: 20+ 200 w 3. Resource Zone associated with site (estuarine, riverine, forest etc): laregly deared parture land 4. Vegetation: 5. Edible plants noted: 6. Faunal resources (include shellfish): 7. Other exploitable resources (river pebbles, ochre, etc): DESCRIPTION OF SITE & CONTENTS. Site type: Note state of preservation of site & contents. Do NOT dig. disturb, damage Kiawaka 5 : Scarred Tree Map Ref: Liverpool 1:25,000 0630 4034 CHECKLIST TO HELP: Type of Tree: Eucalypt sp. length, width, depth. Age: 100 years + height of site, shelter. 20m + deposit, structure, Height: element eg. tree scar. 4.95m at scar Girth: grooves in rock. DEPOSIT: colour, Scar Characteristics: texture, estimated depth, stratigraphy, 93cm Length: contents-shell, bone. 23.5cm Breadth; stone, charcoal, density Depth of Bark: 13cm & distribution of these, Est. Bark Regrowth: 10 - 20cm stone types, artefact types. Height above ground: 47cm ART: area of surface S-SE Aspect: decorated, motifs, Axe marks: None colours, wet, dry Condition: Weathered/mossy bar/c pigment, technique of engraving, no. of Cause of damage: None figures, sizes, patination. Additional comment: Scar/wood is cracked BURIALS: number & condition of bone, position, age, sex, 1. View of scar Photographic Record associated artefacts. 2. View of timber grove TREES: number, alive, dead, likely age, scar shape, position, size, patterns, axe marks,

Attach sketches etc. eg. plan & section of shelter, show relation between site contents, indicate north, show scale.

regrowth.

quarried.
OTHER SITES EG.
structures (fish traps,
stone arrangements,
bora rings, mia mias),
mythological sites, rock
holes, engraved groove

QUARRIES: rock type, debris, recognisable artefacts, percentage

channels, contact sites (missions massacres

cemeteries) as

appropriate

Attach annotated photos (stereo where useful) showing scale, particularly for art sites.









MAP 1 KIAWAKA ESTATE SITES 1-5



# National Parks and Wildlife Service BOX N189, GROSVENOR STREET POST OFFICE, SYDNEY, NSW 2000. TEL (02) 237 6500 Standard Site Recording Form



45 - 5 - 0723

	·				<u> </u>				
MAP NAME	EDITION	SCALE	REFERENCE	E	HEAD OFFICE USE ONLY:				
SIDNEY	656-5-ed	1.250000	3907 801	47	NWPS site no: 45-5-723				
WUERPOOL	9030-11-5	1.25000	0625 40	<sup>31</sup> 5	City towards File page				
					Site types: File nos:				
				ין	SCATTER Date				
					Filed by: 4 16/11/88				
Site name: KIAWA	KA 2	Locality/property	name:		Owner/Manager: DEPT. OF HOUSING				
	—	KIAWAKA E	BYARE, CASU	UA.	Address: Ro. Box 466				
Local post office: Of	ABOLA-				LIVERPOOL 2170				
NPWS District:	NPWS District: Region: CENTRAL								
Reason for investigation	on (give R.O. instruc	tion no. where app	olicable):						
IMPACT ASS	essouent								
Portion no:		Other land categor	y:	Plan/s	sketch/section of site attached? Yes/No.				
Parish: CITY OF (		County:		How	many?				
Air photo refs. (for ste	reo pair)		Photo	os taken? Yes/Ne-					
				How	many attached? 2				
How to get to the site	(refer to permanent fe	atures, give best app	roach to site eg. fror	m above	в, below, along cliff.				
(Draw diagram on separa	ate sheet.)	مل ممال	A JAG	cool	La Caro, Capula, proceed				
How the le	ALON ALON	ed section	read d	110	es Coure, Casula, proceed south. Sole is located				
un head co	race Car	attached	Mars.						
Other sites in locality?				20.00	our site, scatted theis				
Are sites in NPWS Reg		Unre	gistered sites — p	lans fo	or future recording? Yes/No.				
Have artefacts been re	emoved from site?	<del>/es/</del> No/ <del>den't know</del> :	When?						
By whom?		_	sited where?						
Is site important to loc	al Aborigines? ¥es/	No/d <del>en't know</del> .							
Give contact(s) name(	s) + address(es)	WR COAR	y william	15 11341	n regional aboliunal				
Contacted for this rece	ording? Yes/Ne-	WESTERN	LAND COC	DIL					
(Attach additional information	-	t, why not?							
			nying report).	200	of Alansina Barat 17757				
DALMAS M.	1988 Ard	aw bacal s	gruey or	Let	or of flowing Report 12257 USW. C-1360				
	Ka	nara este	use, couscu	LOL,	C-1360				
	Condition of si	a Carocol	dustrista.	<u>1</u> _	by undergrowed PMG				
Checklist: surface visibility,	Condition of si	Calono	*AAAAAA	1 /	stock tractice.				
damage/disturbance/ threat to site			100000000	~1/	7 1000				
Recommendations for	management & pro	tection (attach sepa	rate sheet if necessary	ary): A <i>AAG</i>	rep averted by covering				
SUR WILL IS	le con the	Li canal	L Mil	_	0				
exposed cu	yelles won	aujuun	T YUY						
Site recorded by:	MOALLAS		Date:	U	3.6.88				
Address/institution:	31 WATER	hew si			, <del>.</del>				
	BALMAIN	7041							

# SITE POSITION & ENVIRONMENT 1. Land form a. beach/hill slope/ridge top, etc: Spine of Spul b. site aspect: open c. slope: 1. d. mark on diagram provided or on your own sketch the position of the site: 1. Local rock type: Shale clay 2. Distance from drinking water: 100 m Source: Clanteld cheek 3. Resource Zone associated with site (estuarine, riverine, forest etc): woodland. 4. Vegetation: worth cleared grassed for posture.

5. Edible plants noted:

6. Faunal resources (include shellfish):

7. Other exploitable resources (river pebbles, ochre, etc):

Site type:

#### DESCRIPTION OF SITE & CONTENTS.

Note state of preservation of site & contents. Do NOT dig, disturb, damage site or contents

Klawaka 2 : Open Ariefact Scatter

Map Ref: Liverpool 1:25,000 0625 4015

CHECKLIST TO HELP: length, width, depth, height of site, shelter, deposit, structure, element eg. tree scar, grooves in rock.

DEPOSIT: colour, texture, estimated depth, stratigraphy, contents-shell, bone, stone, charcoal, density & distribution of these, stone types, artefact types.

ART: area of surface decorated, motifs, colours, wet, dry pigment, technique of engraving, no. of figures, sizes, patination.

BURIALS: number & condition of bone, position, age, sex, associated artefacts.

TREES: number, alive, dead, likely age, scar shape, position, size, patterns, axe marks, regrowth.

QUARRIES: rock type, debris, recognisable artefacts, percentage quarried.

OTHER SITES EG. structures (fish traps, stone arrangements, bora rings, mia mias), mythological sites, rock holes, engraved groove channels, contact sites (missions massacres cemeteries) as appropriate

No of artefacts: 21

Raw materials present: Silcrete, quartz, chert

Area(s) of artefact scatter: 40m x 9m Area(s) of surface exposure: 150m x 30m Maximum artefact density: 3 x 1m<sup>2</sup>

Type of recording: total

Soil matrix/deposit: Patches of a thin veneer of brown topsoil (gravel rich) over

clay (gravel rich) over shale bedrock

Site Condition: Grossly disturbed. Over 90% of flat area on spur has had surface and sub-surface disturbances.

Site Aspect: Open

Site location/features: Site on spine of spur above broad open creek flats

(Permanent creek)

Visibility: Good

Photos: 1. Artefacts

2. View to South

see attached extended list.

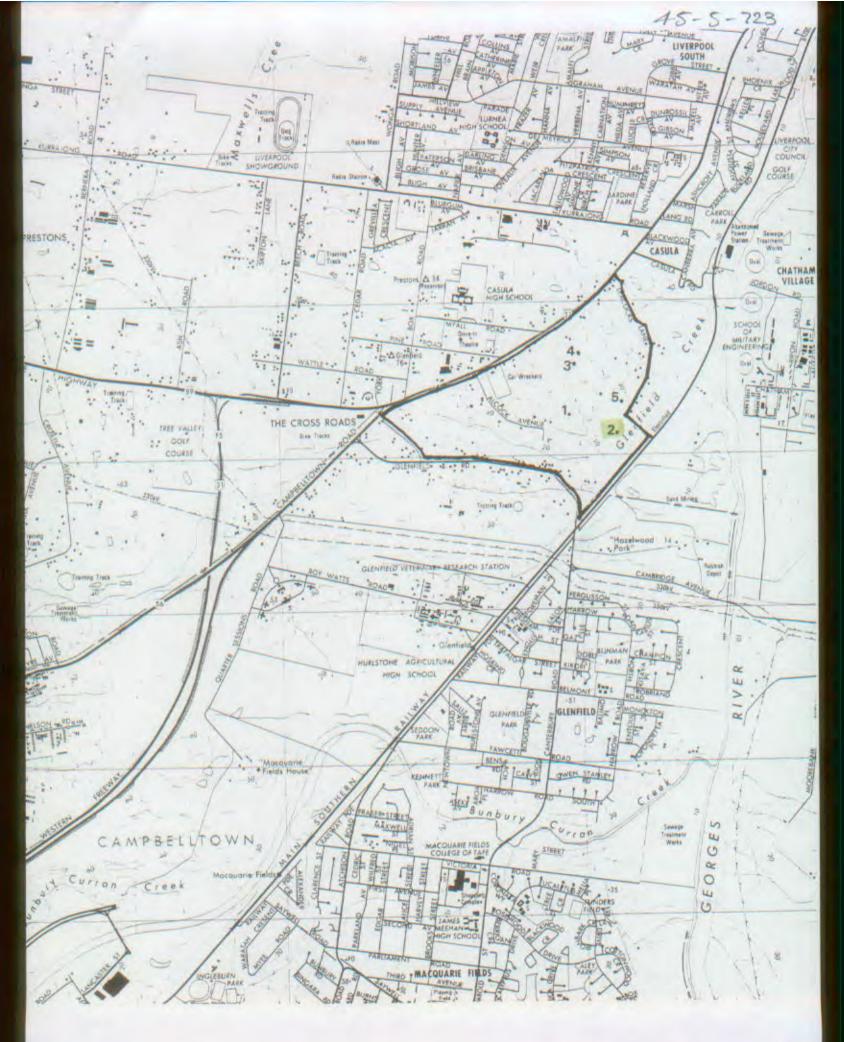
Attach sketches etc. eg. plan & section of shelter, show relation between site contents, indicate north, show scale.

Attach annotated photos (stereo where useful) showing scale, particularly for art sites.

Same.







MAP 1
FIAWAKA ESTATE O
SITES 1-5



# National Parks and Wildlife Service Box 1967, Hurstville NSW 2220. Tel: (02) 9585 6444 Standard Site Recording Form Revised 5/88



45 - 5 - 2883

1-050 000 man sheet:	SYDNEY	NPWS Code	HEAD OFFICE USE ONLY:
1:250,000 map sheet: .	250K	250K	NPWS Site no: 45-5-2883
AMG Grid reference	208700 mE 62	44700 mN	
Full reference - please include leading digits	25K 5/6	25K	Site types:
Scale of map used for grid Please use largest scale avail	reference [1] 25K, 50K [ ]	100K [ ] 250K	Accessioned by: Date:  Data entered by: OS/LU(OS Date: PS
(1:25K) 50K, 100K map nam			Owner/Manager: Dept of Deserve
Site name: NB1		name, Moorebank	Address:
NPWS District:	Region: Ceustre	Lavors.	
Aborignal Ard	aesbojcal desperment	•	
Č			
Portion no: see attac	hed Side Plan		
Pariso.		Ph	otos taken? Tes.
		н	ow many attached? We accompany mel report
Other sites in locality? Are sites in NPWS Register	Yes Site 1		nove below, along clift. elbourle. Sake is 900 an south whereofing det roads. In camp sake an withle Grook
Have arrefacts been remov By whom?	red from site? No. When	n? sited where?	
is site important to local Ab Give contact(s) name(s) +	address(es) Cubbitch Balt 63 Nograms	SIM NEW CO.	Therawal L.A.LC. PO BOX 20 4 BUXTON NOW 2571
Contacted for this recording (Attach additional information s	g? Vo. Lef: Crev separately) If not, why not?	da Challer.	ref: dance symps; larger
Veroal/written reference so  Delles , Geole 7	urces (including full title of accompa- 2003. Abortgural Art Debuce Jauc	nying report) Charlegical A No cot Mostic	personal of Dept. of Catalogue &
Checklist: surface visibility, damage/disturbance/ threat to site	Condition of site: Pegreda	- read sum	lace exposures, graded creas
	and a state that the same	arate cheet if necessary)	
Recommendations for man	agement & protection (attach sepa	itale speet a necessary	``es
			2793
Site recorded by: M. X. Address/institution: 31	notewen St Note were St	Date: <b>Ø</b>	ug. 2003

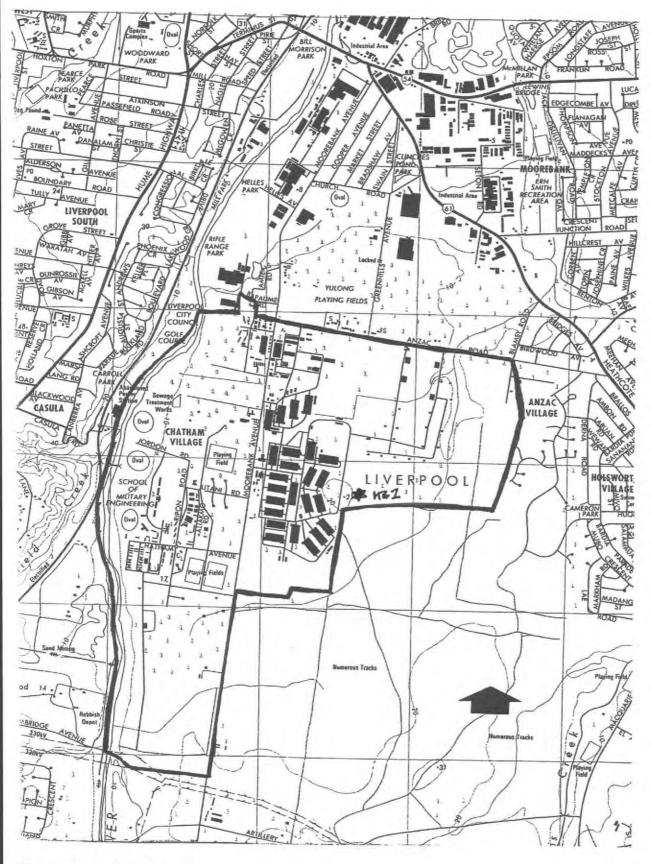
#### SITE POSITION & ENVIRONMENT OFFICE USE ONLY: NPWS site no: 1. Land form a. beach/hill slope/ridge top, etc: c. slope: 102 b. site aspect; assue. Describe briefly: Suc extends 50m d. mark on diagram provided or on your own sketch the position of the site: above low, water looped andly Mankson showly devaded troll. 1. Local rock type: Warmanatta Bhala g. Land use/effect: Hillofath Tearmey Afea. 2. Distance from drinking water: 200 un Permanent Crede Source: 3. Resource Zone associated with site (estuarine, riverine, forest etc): Oell, Swamp aucalya Woodand. 4. Vegetation: relaterica Swamp 5. Edible plants noted: 6. Faunal resources (include shellfish): Lalloy, Laurence ( Other exploitable resources (river pebbles, ochre, etc): Site type: DESCRIPTION OF SITE & CONTENTS. Note state of preservation of site & contents. Do NOT dig, disturb, damage site or contents. Open aug. 16 addacts over 50×50m. T. Area of exposure 100×150m. day & gravel nurtace. No potential artistact bearing deposit. . Yellow Silcreta Blade Gove 35, 25 x 29 mm: Longest Son 25/35 CHECKLIST TO HELP: 2. Mile Quarte Flated the 14x 13x 9 am 35 x 29 x 24, water worn astex congret Sax 29/30 length, width, depth, s Red Silonete Pebble Gue height of site, shelter, a Purk Quartzule Flake 16 x 26 x 8: Broad Platform deposit, structure, 5 Red Silcode Flake Freq 6 Red Silcode Flaked files element og, tree scar, 54 x 21 x 14 , corse-graved grooves in rock. 22 x 12x 12 : 203 Great DEPOSIT: colour. quartzule splot pebble 2a x 27x 24 Yellow Silcrote Taked Pase 30x 17 x 16 29 x 27 x 24 : water work texture, estimated depth, stratigraphy, contents-shell, bone. quartile Flaked Peca 30 x 22 x 20 : Burnt 9 stone, charcoal, density 10 Yellow Silcrote Flaked Rese 26 x 16 x 15 11 Red Silcrote Flaked flee 30 x 26 x 14 & distribution of these, stone types, artefact types. 94x60 x 40 : Conget Sam 5/2 Yellow Silcret Come ART: area of surface Eillustrated in accompanying reports decorated, motifs, Bage Quartrite Hamport: water work pelle 42 x 40 x 2! colours, wat, dry pigment, technique of quartrice Flohed Prese : 40x 76 x 11 engraving, no. of 15. Yellow Silcrete Flotal Rose: 50 x 40 x 34 figures, sizes, calmation. Read Silcrete Flake 32 x 28 x 18: Broad Platform BURIALS: number & condition of bone, position, age, sex. associated artefacts. TREES: number, alive, dead, likely age, scar shape, position, size, patterns, axe marks, regrowth OUARRIES, rock type, dabria, recognisable artefacts, percentage quarried. OTHER SITES EG. structures (lish traps, stone arrangements, bora rings, mia mias), mylhological sites, rock holes, engraved groove channels, contact sites Attach sketches etc. eg. plan & section of shelter, show relation between site contents, (MISSIONS TRANSACTOR

Attach annotated photos (stereo where useful) showing scale, particularly for art sites.

indicate north, show scale.

cemeteries) as appropriate

## Archaeological Survey Report Defence Land – Moorebank – New South Wales



igure I: Site Location



New Recording Additional

information []										
Site name	Glenfield 1	SITE	ID	ENTIFIC	ATION	NPW Num	/S Site ber	45-5-3531		
Owner/manager										
Owner Address							<u></u>			
·	1 -4 0 00000	2548	L.C	CATION	{					
Location	Lot 9 DP83							talkana Daga kara		
How to get to the site	left at Glent right onto a approximat	Coming from Sydney, travel west on the Hume Highway, bear left at Campbelltown Road, turn eft at Glenfield Road, turn right at the roundabout, turn left at the next roundabout, then turn light onto an access road next to the railway line. Walk northeast along the road for approximately 300m. The site is in an area of exposure on the left side of the road, approximately 15m west of a 20km/hr road sign.								
1:250,000 map name					······	NPWS r	map code			
AMG Zone	56	AMG Easting	ł	306252		AMG No	orthing	6239702		
Method for grid reference	Hand-held	GPS		scale (if hod =	1:25,00	0	Map name			
NPWS District				,	<b></b>	NPWS 2	Zone	Sydney Zone		
Portion no.						Parish				
		SIT	E	DESCRIF	TION					
Site type(s)	Isolated fin	d				Site typ (NPWS	use only)			
Description of site and contents CHECKLIST: eg. length, width, depth, height of site, shelter, deposit, structure, element eg. tree scar, grooves in rock. DEPOSIT: colour, texture, estimated depth, stratigraphy, contents-shell, bone, stone, charcoal, density & distribution of these, stone types, artefact types. ART: area of decorated surface, motifs, colours, wet,/dry pigment, engraving technique, no. of figures, sizes, patination. BURIALS: number & condition of bone, position, age, sex, associated artefacts. TREES: number, alive, dead. likely age, scar shape, position, size, patterns, axe marks, regrowth. QUARRIES: rock type, debris, recognisable artefacts, percentage quarried	railway line road to the south, and of the acce an embani The site co	e is present c. sand mine, c to the east afters road, but a cment.	50 r c. 15 fter to are n	n to the no m west of he speed s not visible f	rth of the a 20 km/l sign. A se rom the s	site. The hour sigr eries of h site becar	e exposure is I n. The land slo nouses is preso use the southe	33516. The current ocated beside an access opes slightly down to the ent on the southern side ern side of the road has urface visibility within the		

Version: June 1998 Data entered by: Date entered: Eva Day 12/8/2008



# Aboriginal Sites Register of NSW NPWS, PO Box 1967, Hurstville NSW 2220 Standard Site Recording Form

SITE ENVIRONMENT									
Land form	Flat			Aspect		Slope			
Mark position of the site									
Local rock type				Land use/effec	ct				
Distance from drinking water	200m			Source	Glent	field Creek			
Resource zone (eg. estuarine, river, forest)				Vegetation			:		
Edible plants				Faunal resour (include shellfis	<b>I</b>	_			
Other exploitable resources (eg. ochre)									
Are there other sites in the locality		ey in the Register	Yes	Other site type include	es Stone	e artefact sc	atters, scarred trees		
		SIT	E MAN	AGEMENT					
Site condition	Disturbed								
Management recommendations	receommended that temporary fencing be erected around the site during construction works, so as to prevent accidental impact (eg from vehicle access).								
Have artefacts been removed from site	No			When					
By whom				Deposited	at				
Consent applied for				Consent is	ssued				
Date of issue				Consent n	umber				
Reason for investigation	Aboriginal heri	tage asses	ssment fo		grade of Glenfi	eld railway s	tation		
Were local Aborigines contacted or present for the recording	Not contacted and present Contacted by not present not present	nd ac	ames and ddresses	PO Box 2 Buxton Ni  Alfred Faz Cubbitch Corporation 55 Nightin Pheasant  Gordon M Darug Ab 28 Calala Mt Druitt I  Justine C	Local Aborigin 0 SW 2571  zldeen Barta Native Ti on ngale Road s Nest NSW 25  lorton original Cultura St NSW 2770  oplin istodian Aborigi	tle Claimant 574 al Heritage A	s Aboriginal		

Version: June 1998	Data entered by:	Date entered:	

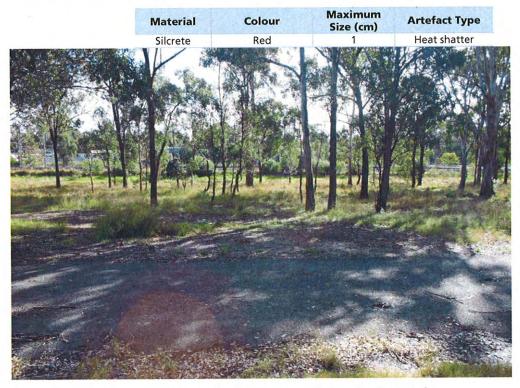


# Aboriginal Sites Register of NSW NPWS, PO Box 1967, Hurstville NSW 2220 Standard Site Recording Form

			Windsor NSW 27	756	
			Grey Morley Darug Tribal Abo PO Box 441 Blacktown NSW  Yvonne Simms La Perouse Bota 2/3 Birch Crescel East Corrimal NS  Keith Ball Wadi Wadi Coon 2/3 Birch Crescel East Corrimal NS  Paul Cummins Woronora Platea 2/3 Birch Crescel East Corrimal NS	2148  ny Bay Aborigina nt SW 2518  naditchie Aborigi nt SW 2518  u Gundungara E	al Corporation \
Is the site important to					
local Aborigines					
Verbal/written reference sources	AMBS (in prep) Stage Heritage Assessment Australia Pty Ltd.	B1 Glenfield St Report to Pars	ation Aboriginal sons Brinckerhoff	ASR report number(s)	C- C-
Photographs taken	Yes			No of Photos	2
Site recorded by	Jenna Weston			Date of recording	28 July, 2008
Address/institution	Australian Museum Bu 6 College St Sydney NSW 2010	usiness Services	3	<u> </u>	

Version: June 1998 Data entered by: Date entered:

### Glenfield 1 artefact details.



Glenfield 1 location. View to north, showing train line in background.



Glenfield 1 silcrete artefact.



