





Aboriginal Sites Register of NSW NPWS, PO Box 1967, Hurstville NSW 2220

Standard Site Recording Form

SITE IDENTIFICATION **NPWS Site** Site name **KR04** 37-6-2007 Number Owner/manager **Owner Address LOCATION** Location Electricity Easement (Please see report) How to get to the site Map attached 1:250,000 map name NPWS map code Singleton SI5601 **GDA Zone GDA Easting GDA Northing** 357367 6370539 Method for grid reference Hand-held GPS Map scale (if Map name 1:25,000 method = map) **NPWS District NPWS Zone** Northern Northeast Portion no. Parish Lot16, DP1082775 **SITE DESCRIPTION** Site type(s) Site type code Isolated Find (NPWS use only) Description of site and contents This isolated find was identified with current vehicle track on a gentle slope. The CHECKLIST: eg. length, flake identified was made from cream coloured silicified tuff. 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 Attach photographs and sketches, eg. plan & section of shelter. Do NOT dig, disturb or damage site or contents.

Version: June 1998 Date entered: Data entered by:





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Land form	G: 1 G	SITE ENV	IRONWE	_	noot	> TY T		Slope	1.0
Land form	Simple S	Slope		AS	pect	NW		Slope	1°
Mark position of the site				•				•	•
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		_		\		/			
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Local rock type	Please se	e report		La	nd use/ef	fect	Pleas	se see repo	ort
Di d									
Distance from drinking water	450m			So	urce		Unna	amed	
Resource zone	Please se	ee report		Ve	getation		Pleas	se see repo	ort
(eg. estuarine, river, Edible plants				Fa	unal reso	urcos			
Edible plants	None ob	served			clude shel		None	e observed	
Other exploitable	Please se	Please see report							
resources (eg. Are there other sites in			0 77	04	her site ty	inos	A . C		(1./ 1
the locality	Yes	Are they in the Sites Register			ner site ty clude	pes	Artefa Finds.	ct Scatters, l	solated
•		SITE MANA					rmas.	FADS	
Site condition									
	Disturbe	d							
Management									
recommendatio									
ns									
Have artefacts been removed	No				When				
By whom					Deposite	ed at			
Consent applied for					Consent	issued			
Data of leave					Camaani				
Date of issue					Consent	number			
		SITE INSPE	CTION A	ND	RECOF	RDING			
Reason for investigation	Proposed	d upgrade to	the 132k	V K	urri-Re	dbank F	eeder '	953/95R	
	•								
Were local Aborigines contacted	☐ Not con		Names and addresses				,	O Box 40	
or present for the	Contact present	ted and			MAITL	AND N	NSW 2	2323) and	others
recording	Contact	ed but			please s	see repo	rt.		
	not pres								
Is the site important									
to local Aborigines				1					
Verbal/written reference sources		Kurri-Redbank Fok kV) Upgrade: Abo			R report nber(s)		C-		
Telefelice Soulces		ssment, Hunter V		nui	iibei(a)		C-		
Distance in the	Report to Ene	rgyAustralia			- (D) - (
Photographs taken	Yes				of Photos ached				
Site recorded by	Tessa Boer-N	Iah and Ngaire Ri	chards		e of recor	ding	May	2009	
Addross/institution	ANG	((11) ()	G 1	NICT	11.0010			-	
Address/institution	AMBS,	6 College St	, Sydney	NS\	w 2010				
	<u> </u>								

Version: June 1998 Data entered by: Date entered:	
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Site	Artefact Type	Raw Material	Colour	Max Length (mm)	Max Width (mm)	Max Thickness (mm)	Weight (g)	Cortex (%)	
KR04	Flake	Silicified Tuff	Cream	36	48	12	16.7	0	

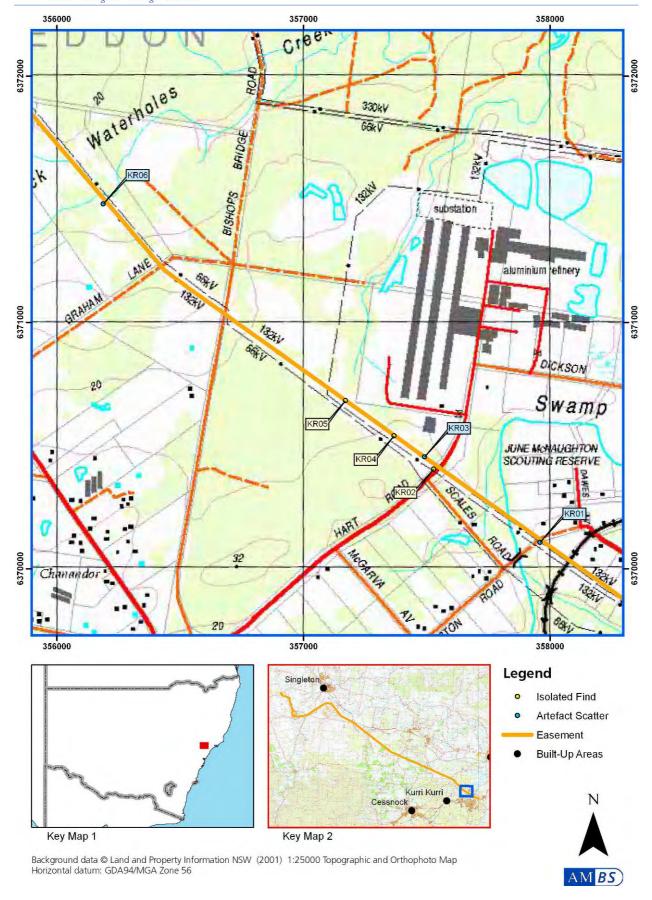


Site KR04





Artefact from KR04







Aboriginal Sites Register of NSW NPWS, PO Box 1967, Hurstville NSW 2220

NPWS, PO Box 1967, Hurstville NSW 2220 Standard Site Recording Form

SITE IDENTIFICATION **NPWS Site** Site name **KR05** 37-6-2008 Number Owner/manager **Owner Address LOCATION** Location Electricity Easement (Please see report) How to get to the site Map attached 1:250,000 map name NPWS map code Singleton SI5601 **GDA Zone GDA Easting GDA Northing** 357171 6370683 Method for grid reference Hand-held GPS Map scale (if Map name 1:25,000 method = map) **NPWS District NPWS Zone** Northern Northeast Parish Portion no. Lot16, DP1082775 **SITE DESCRIPTION** Site type(s) Site type code Isolated Find (NPWS use only) Description of site and contents This isolated find was identified within a current vehicle track and within 3m of an CHECKLIST: eg. length, existing timber electricity pole. The find comprised a broken fragment, proximal the width, depth, height of site, shelter, artefact was made from orange silcrete. 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 Attach photographs and sketches, eg. plan & section of shelter.

Version: June 1998 Data entered by: Date entered:

Do NOT dig, disturb or damage site or contents.





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Land form	Flat	SITE ENV	IKONWILI	_	spect	0		Slope	
Mark position of the site						_			
		_							
				`	~	~			
Local rock type	Please se	ee report		La	ınd use/eff	ect	Pleas	se see repo	rt
Distance from drinking water	110m				ource		Unna	ımed	
Resource zone (eg. estuarine, river,	Please se	ee report		Ve	egetation		Pleas	se see repoi	rt
Edible plants	None ob	served			Faunal resources (include shellfish)		None	observed	
Other exploitable resources (eg.	Please se	Please see report							
Are there other sites in the locality	Yes	Are they in the Sites Register			her site ty clude	pes		ct Scatters, Is	solated
		Sites Register Include Finds, PADs							
Site condition	Disturbe	d							
Management recommendatio									
ns									
Have artefacts been removed	No				When				
By whom					Deposite	ed at			
Consent applied for					Consent	issued			
Date of issue					Consent	number			
	;	SITE INSPE	CTION A	ND	RECOR	DING			
Reason for investigation	Proposed	d upgrade to	the 132k						
Were local Aborigines contacted	☐ Not con	tacted	Names and addresses	ı	Mindari	bba LA	LC (P	O Box 401	EAST
or present for the	Contac		auuresses		MAITL	AND 1	NSW 2	2323) and (others
recording	present Contact				please s	ee repo	rt.		
	not pres								
Is the site important to local Aborigines									
Verbal/written reference sources		Kurri-Redbank F kV) Upgrade: Abo			R report mber(s)		C-		·
		ssment, Hunter V		iiu.	iliber(3)		C-		
Photographs taken	Yes				of Photos ached				
Site recorded by	Tessa Boer-N	Iah and Ngaire Ri	chards	Da	te of recor	ding	May	2009	
Address/institution	AMBS,	6 College St	, Sydney	NS	W 2010				
	l .								

Version: June 1998	Data entered by:	Date entered:
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Site	Artefact Type	Raw Material	Colour	Max Length (mm)	Max Width (mm)	Max Thickness (mm)	Weight (g)	Cortex (%)
KR05	Broken Flake	Silcrete	Orange	25	40	17	21.7	0

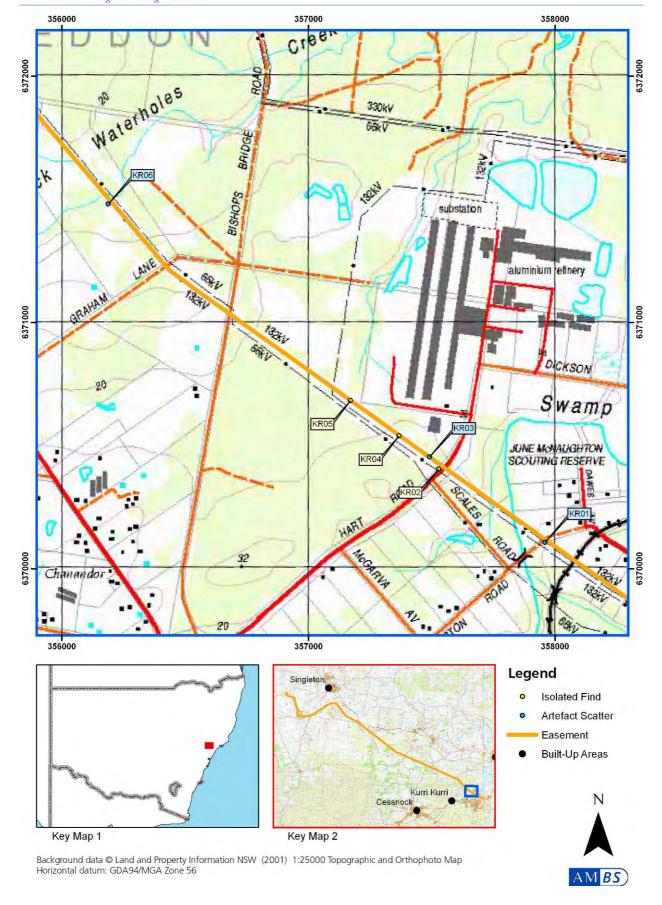


Site KR05





Artefact from KR05







Standard	Site R	ecording For		Recording	⊠ ∆dditid	onal Information D	
		SITE IDENTIF		recording	M Addition	onai information E	
Site name	KR0			NPWS Site	e 3	7-6-2009	
Owner/manager					<u>'</u>		
Owner Address							
		LOCATION					
Location	Elect	ricity Easemer	nt (Please see	report)			
How to get to the site	Map	attached					
1:250,000 map name	Singl	eton SI5601		NPWS ma	p code		
GDA Zone	56	GDA Easting	356187	GDA Norti	hing	6371481	
Method for grid reference	Hand	-held GPS	Map scale (if method = map)	1:25,000	Map name		
NPWS District	Nortl	nern	тар)	NPWS Zoi	ne	Northeast	
Portion no.	Lot1	3, DP1082775		Parish			
		SITE DESCR	IPTION				
Site type(s)	Artef	act Scatter			e type code PWS 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	track, i		Soth artefacts we	re made from	silcrete, one	cisting vehicle e core fragmentand	

Version: June 1998 Data entered by: Date entered:





Otarida	ia oito i	ecoluling F		-					
Land form	D 1 0	SITE ENV	RONWE		spect			Slope	
Land form	Break of	Slope		A	speci			Slope	
Mark position of the site						•		•	
		_							
		_		\		/			
Local rock type	Please se	ee report		La	ind use/eff	ect	Pleas	se see repo	rt
Distance from drinking water	40m				Black Water Hole			ole Creek	
Resource zone (eg. estuarine, river,	Please se	ee report		Ve	Please see report			rt	
Edible plants	None ob	served			Faunal resources include shellfish) None observed				
Other exploitable resources (eg.	Please se	Please see report							
Are there other sites in the locality	Yes	Are they in the Sites Register			her site typ	pes		ct Scatters, Is	solated
-		SITE MANAGEMENT							
Site condition	Disturbe								
Management recommendatio ns									
Have artefacts been removed	No				When				
By whom					Deposite	d at			
Consent applied for					Consent	issued			
Date of issue					Consent	number			
		SITE INSPE	CTION A	ND	RECOR	DING			
Reason for investigation	1	d upgrade to					eeder	953/95R	
Were local	☐ Not con	tacted	Names and	l	Mindari	bba LA	LC (P	O Box 401	EAST
Aborigines contacted or present for the	Contact	ted and	addresses				,	2323) and	
recording	present				please s	ee repo	rt.		
	Contact not pres					•			
Is the site important									
to local Aborigines	11 IDG 2000	W 'D II 1 D			D		T .		
Verbal/written reference sources	953/95R (132	Kurri-Redbank FokV) Upgrade: Abossment, Hunter VargyAustralia	original		R report mber(s)		C- C-		
Photographs taken	Yes				of Photos ached				
Site recorded by	Tessa Boer-M	Iah and Ngaire Ri	chards		te of record	ding	May	2009	
Address/institution	AMBS,	6 College St	, Sydney	NS	W 2010		•		

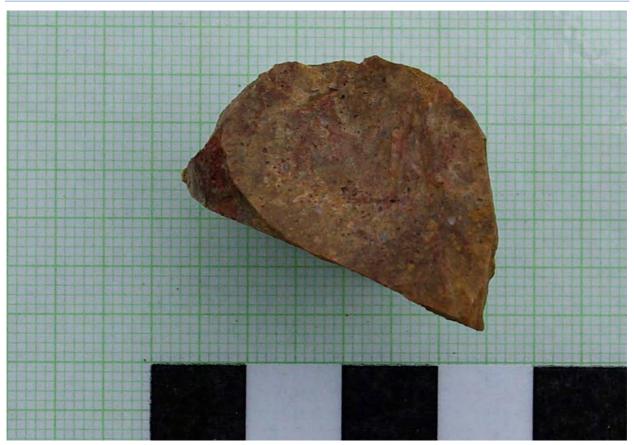
Version: June 1998 Data entered by: Date entered:	
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Site	Artefact Type	Raw Material	Colour	Max Length (mm)	Max Width (mm)	Max Thickness (mm)	Weight (g)	Cortex (%)
KR06	Flake	Silcrete	Cream	13	16	5	1.2	0
KR06	Core (Fragment)	Silcrete	Pink	32	20	20	16.2	0

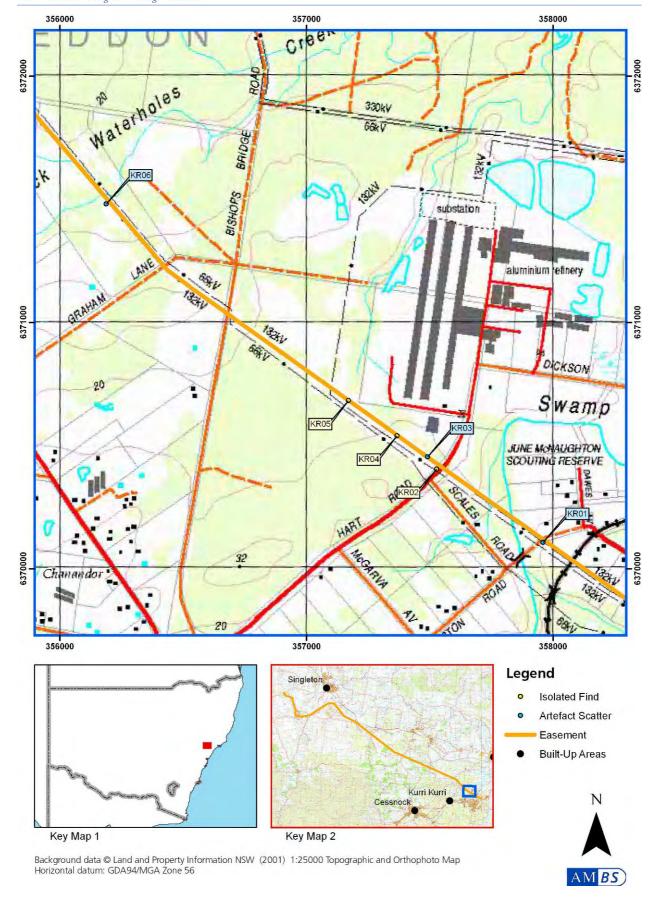


Site KR06





Artefact from KR06





New Recording ☑Additional

Site name	KK04			ATION		S Site	4E 2 2207
	KISOT				Num	ber	45-3-3387
Owner/manager	Hydro						
Owner Address	Hydro, E	Buffer Mana	ger: Kerry M	cNaugh	iton, Ha	rt Rd, Lox	ford, NSW 2326
			LOCATIO		de la		
Location	2.8km no	orthwest of	Kurri Sub-Tr	ansmiss	ion Stat	ion	
How to get to the site	Sub-Trai	smission S		ction of	Main R	oad, Stanf	reta, turn left to Kurr ord Road and Lang S
1:250,000 map name	Cessnocl	¢.			NPWS m	ap code	
GDA Zone	56	GDA Eastin	iting 357942 G		GDA Northing		6371717
Method for grid reference	Hand-hel	d GPS	Map scale (if method = map)	1:25,00	0	Map name	
NPWS District		(тар)				one	Coffs Harbour
Portion no.	Lot 3171	DP755231			Parish		
	LOT 3171	-6 (55,000			7,000		
			TE DESCRIP	MOIT	24		
Site type(s)	Artefact Scatter and PAD Site type co						
CHECKLIST: eg. length, vidth, depth, height of site, shelter, deposit, structure, element eg. tree scar, grooves	on small ri	ses along the a	iccess track. M is likely the gra posit (PADs).	ost artefa ssed area	cts were i on either	dentified in side of the	er, artefacts tend to cluste the exposed areas of the track also contains artefa
i rock. EPOSIT: colour, texture, stimated depth, stratigraphy, ontents-shell, bone, stone, harcoal, density & stribution of these, stone ppes, artefact types. RT: area of decorated urface, motifs, colours, et,/dry pigment, engraving inchnique, no. of figures, zes, patination. URIALS: number & condition fbone, position, age, sex, ssociated artefacts. REES: number, alive, dead. tely age, scar shape.	followed by silicious myellow silc Flakes wer majority of present. Th	y silicified tuf aterial, petrifie rete. e the most cor flakes were le he mean value	f and minor proof wood and question artefact a ses than 30mm for flake length w Materials at Artefact Type Silcrete Silicified Tuff	portions of artzite. R t KK04, r in length a was 27.2	of quartz, ted silcret ranging in (~70%), a 2 mm, for Count 75	size from 7. Ithough the width 24.7r Percen 72.8 15.5	ated mudstone, fine-grain common, followed by mm to 90mm. The re were larger flakes mm and thickness 9.7mm
n rock. IEPOSIT: colour, texture, stimated depth, stratigraphy, ontents-shell, bone, stone, harcoal, density & istribution of these, stone ypes, artefact types. RT: area of decorated urface, motifs, colours, ret./dry pigment, engraving achnique, no. of figures, izes, patimation. URIALS: number & condition flone, position, age, sex, ssociated artefacts. REES: number, alive, dead. kely age, scar shape, osition, size, patterns, axe larks, regrowth. UARRIES: rock type, debris, arcentage quarried	followed by silicious myellow silc Flakes wer majority of present. Th	y silicified tuf aterial, petrifie rete. e the most cor flakes were le he mean value	f and minor pro d wood and qu minon artefact a iss than 30mm for flake length w Materials at Artefact Type Silcrete	portions of artzite. R t KK04, r in length a was 27.2	of quartz, ted silcret ranging in (~70%), a 2 mm, for Count 75	chert, indurie was most of size from 7 lithough thei width 24.7r	mm to 90mm. The re were larger flakes nm and thickness 9.7mm

Version: June 1998	Data entered by:	Date entered:	
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Land form	T21		SITE EN	Aspect			Slope	I o
	Flat			Aspect	0	,	nope	0
Mark position of the site	1		x			/	/	
Local rock type	Muds	tone, sandsto	one, shale	Land use/e	ffect	Electric	ity eas	sement
Distance from drinking water	40m			Source		Swamp	Creek	
Resource zone (eg. estuarine, river, forest)	Inland	1		Vegetation	11	Kurri S	and Sv	wamp Woodland
Edible plants	None	observed		Faunal reso		None o	oserve	d
Other exploitable resources (eg. ochre)	None	observed						
Are there other sites in the locality	yes	Are they in t	er you	Other site ty	201	Artefac	t scatte	ers
Site condition		lent in	SITE MAI	NAGEMEN	Ti			
recommendations								
removed from site	No			When	ed at			
removed from site By whom	No			Deposito				
removed from site By whom Consent applied for	No			Deposito	tissued			
removed from site By whom Consent applied for	No 🗆	Algeir III.		Consent Consent	t issued t number			
Have artefacts been removed from site By whom Consent applied for Date of issue Reason for investigation		SITE IN		Consent Consent	t issued t number	IG		
removed from site By whom Consent applied for Date of issue Reason for investigation Were local Aborigines contacted or present for	Proposition Not District and Correction			Consent Consent Consent Consent Mindaribl NSW 23; KURII K Mahogany Corporati	t issued t number CORDIN ba Local Ab 23; Barkum CURRI NSV y Ave, MUS on, PO BO	original Land a Neighbourh V 2327; Abori WELLBROO X 579, MUSV	ood Centr ginal Nati K NSW 2 VELLBRO	PO Box 401, EAST MAIT re/ Gidawaa Walang, 76 L ive Title Consultants, 16A 2333; Hunter Valley Abori OOK NSW 2333; Wonna ETFORD 2322
removed from site By whom Consent applied for Date of issue Reason for investigation Were local Aborigines contacted or present for the recording s the site important to local Aborigines	Proposition of the state of the	sed works to contacted Contacted present ntacted but present	Names and addresses	Deposite Consent Consent VAND REC easement Mindaribl NSW 23: KURRI K Mahogany Corporati Culture H	t issued t number CORDIN ba Local Ab 23; Barkum URAN INSV VAVe, MUS on, PO BO feritage, 19	original Land a Neighbourh V 2327; Abori WELLBROO X 579, MUSV O'Donnell Cr	ood Centr ginal Nati K NSW 2 VELLBRO esent, ME	re/ Gidawaa Walang, 76 Live Title Consultants, 16A 2333; Hunter Valley Abori DOK NSW 2333; Wonna
removed from site By whom Consent applied for Date of issue Reason for investigation Were local Aborigines contacted or present for the recording s the site important to ocal Aborigines Verbal/written reference	Proposition of the significant Although significant AMBS	sed works to contacted Contacted present ntacted but present this site is imports	Names and addresses and for demonstral community (urri Aborigi	Consent Consent Consent Consent Consent AND REC easement Mindarible NSW 23 KURRI Mahogan Corporati Culture H ating Aboriginal	t issued t number CORDIN ba Local Ab 23; Barkum UURRI NSV y Ave, MUS on, PO BO ferirage, 19	original Land a Neighbourh V 2327; Abori WELLBROO X 579, MUSV O'Donnell Cr	ood Centre ginal Nation K NSW 2 VELLBRE esent, MF	re/ Gidawaa Walang, 76 Live Tide Consultants, 16A 2333; Hunter Valley Abori OOK NSW 2333; Wonna TIFORD 2322
removed from site By whom Consent applied for Date of issue Reason for investigation Were local Aborigines contacted or present for the recording s the site important to local Aborigines Verbal/written reference cources	Proposition of the significant Although significant AMBS	sed works to contacted contacted present ntacted but present this site is importance to the Aborigin (2009) Kurri K ment for the 33k	Names and addresses and for demonstral community (urri Aborigi	Consent Consent Consent Consent Consent AND REC easement Mindarible NSW 23 KURRI Mahogan Corporati Culture H ating Aboriginal	t issued t number CORDIN ba Local Ab 23; Barkum UURRI NSV y Ave, MUS on, PO BO ferirage, 19	original Land a Neighbourh W 2327; Abori KWELLBROO X 579, MUSV O'Donnell Cr of the area, i ASR repo	ood Centriginal Nati K NSW : VELLBRO eseent, ME t does not ort s)	re/ Gidawaa Walang, 76 Live Title Consultants, 16A 2333; Hunter Valley Abori DOK NSW 2333; Wonna ETFORD 2322 thave specific cultural C-
removed from site By whom Consent applied for Date of issue Reason for investigation Were local Aborigines contacted or present for the recording s the site important to ocal Aborigines /erbal/written reference sources	Proposition of the significant to the significant t	sed works to contacted contacted present ntacted but present this site is importance to the Aborigin (2009) Kurri K ment for the 33k	Names and addresses addresses at community curri Aborigi V Kurri-Rut.	Deposite Consent Consent Consent AND REC easement Mindaribli NSW 23: KURRI K Mahogany Corporati Culture H ating Aboriginal mal Heritage therford Feedu	t issued t number CORDIN ba Local Ab 23; Barkum UURRI NSW y Ave, MUS on, PO BO, feritage, 19 occupation er Split,	original Land a Neighbourh W 2327; Abori WELLBROO X 579, MUSV O'Donnell Cr of the area, i ASR reponumber(s	ood Centre ginal Nati K NSW 2 VELLBRG esent, ME t does not ort s)	re/ Gidawaa Walang, 76 Live Title Consultants, 16A 2333; Hunter Valley Abori DOK NSW 2333; Wonna ETFORD 2322 thave specific cultural C-

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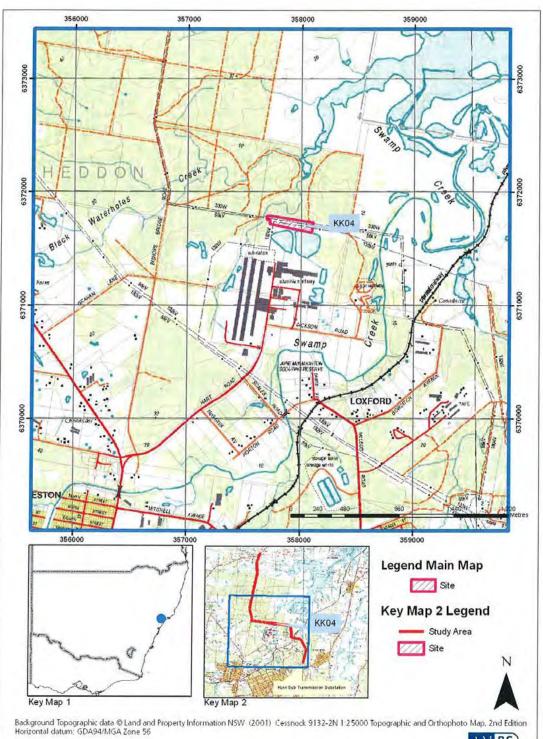
View to east at KK04. The site extends ~500m from the creek bank near the bend in the access track to junction of another track which joins the access track from the north, artefact to the left of the 0.5m scale in the foreground.



Silcrete core KK04#01 (left), large silcrete flake, ventral view



Large indurated mudstone flake (broken by vehicle impacts) (left), silcrete flake (right), ventral views



AMBS



Aboriginal Site Recording Form



AHIMS Registrar PO Box 1967, Hurstville NSW 2220

Office Use Only	Site Number	
Date received		
Entered by (I.D.		
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	Oli a mata a ma
		Client on system
Organisation		
Address		
Phone number	Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
7 to ong man		
Geographic		
Site Name	H y d r o - A S 0 1 - 1 4	
Easting	3 5 7 7 8 0 Northing 6 3 7 4 4 6 3 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Degistration	
	Other Registration	
Drimon, Do	a a a walaw	
Primary Re	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation	A E C O M A u s t r a I i a P t y L t d	Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

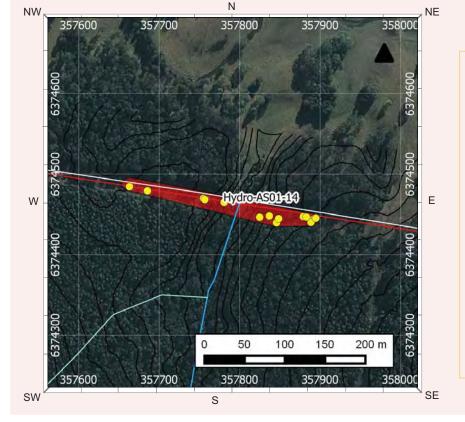
NPWS Aboriginal Sit	e Recording Forn	n -	Site Informa	atio	on		pa	ge 2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform L	andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	am bank	
Plain	Coastal rock platform		Cliff		Plain		am channel	
✓ Rolling hills	Dune		Crest		Ridge	Swa		
Steep hills	Intertidal flat	1	Flat		Tor		race	
Undulating plain	Lagoon	1	Lower slope		Valley flat		race flat	
	Tidal Creek	Ė	Mid slope		Levy		add nat	
Slope			j ilila didpo					
degrees								
Vegetation L	and use	Wa	nter					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	150	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	2 0	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e Bis	hops	C k
Open forest	Farming-low intensity		ne of nearest ter				amed	
Open woodland	Forestry				,			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priv	vate property).	_
			Access via mai	in H	ydro smelter con	nplex, Har	t Lane, Kurri	_
✓ Cleared	Pastoral/grazing Recreation		Kurri. Contact I	Hydı	ro Buffer Zone S	upervisor	for access (02	_
Revegetated	=		4937 0667). Se	ee a	ttached location	map.		_
N/A	Semi-rural							_
	Service corridor							_
<u>.</u>	Transport contact				Site Location	Мар		
	Urban expansion	NW	1 1	Т	N	1 1	1 1	NE
	N/A							
Current Land Tenure	/ - 11 0		_					-
Public National Park Dept.	/ other Government		_					_
✓ Private								
Primary report I.D.			_	S	See Attached Loca	tion Map		-
Hydro Aluminium Smelter Site	(I.D. Office Use only)		_					-
Land - Aboriginal Cultural Herit								_
(AECOM Australia Pty Ltd 2014	W	_					. E	
			_					-
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NPWS Aboriginal Site Recording Form - Site Information

page 3

Gene	ral Site Information	Features	
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Rock Surface Condition		Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact
Water erosion	Silica gloss	✓ E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions							
Closed Site Dimensions (m)							
	Internal length Internal width						
	Shelter height						
	Shelter floor area						
Open Site D	imensions (m)						
	Total length of visible site						
	Average width of visible site						
	Estimated area of visible site						
	Length of assessed site area						

Preliminary Site Assessment Site Cultural & Scientific Analysis and Preliminary Management Recommendations Hydro-A501-14 consists of a low density artifact scatter on and adjacent to an unsealed, east-west trending access track/fire trail on Lot 1 of DP166625. The sites straddles an unamed 2nd order tributary of Bishops Creek Artefacts occur on the track itself and in adjacent exposures created by gulfy/sheetwash erosion and ant activity. Surrounding native vegetation comprises requentating Broad-leaved Ironbark Forest. Recorded artefacts (n = 16) include 10 complete flakes. 4 proximal flakes, 1 flaked piece and 1 bifacial core. Raw materials include silcrete (9), silicified tuff (5), quartz (1) and FGS (1). Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance, access track use, ant activity and erosion. This section should only be filled in by the Endorsees Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensus Initials	NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Site Cultural & Scientific Analysis and Preliminary Management Recommendations Hydro-AS01-14 consists of a low density artefact scatter on and adjacent to an unsealed, east-west trending access track/fire trail on Lot 1 of DP166625. The sites straddles an unnamed 2nd order tributary of Bishops Creek, Artefacts occur on the track itself and in adjacent exposures created by gully/sheetwash erosion and ant activity. Surrounding native vegetation comprises regenerating Broad-leaved Ironbark Forest. Recorded artefacts (n = 16) include 10 complete flakes, 4 proximal flakes, 1 flaked piece and 1 bifacial core. Raw materials include sitcrete (9), silicified tuff (5), quartz (1) and FGS (1). Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance, access track use, ant activity and erosion. This section should only be filled in by the Endorsees Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensus Initials Organisation Address Phone number Fax Attachments (No.) Comments Attachments (No.) Comments Attachments (No.) Comments Active Plate (No.) Comments Recording tables Other	Aboriginal Community Interpretation and Management Recommendations
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Slides Aerial photographs Site plans, drawings Recording tables Other	B/W photographs ————————————————————————————————————
Aerial photographs Site plans, drawings Recording tables Other	✓ Colour photographs
Site plans, drawings Recording tables Other	Slides
Recording tables Other	Aerial photographs
Other	Site plans, drawings
	Recording tables
Feature inserts-No.	Other
	Feature inserts-No.

Hydro-AS01-14



Plate 1 View across site Hydro-AS01-14, looking east



Plate 2 View across site Hydro-AS01-14, looking west



Aboriginal Site Recording Form



AHIMS Registrar PO Box 1967, Hurstville NSW 2220

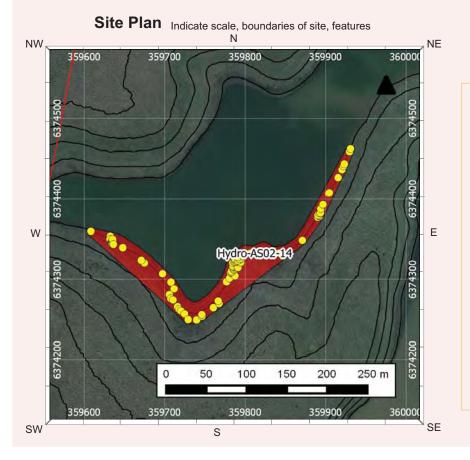
Office Use Only	
Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
	Office Use
Gender/male Gender/female Location restriction General restriction No access For Further Information Contact:	Only
Title Surname First Name Initials	
Title Surfame Trist value	Oli e et e e
	Client on system
Organisation	
Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - A S 0 2 - 1 4	
Easting 3 5 9 7 6 6 Northing 6 3 7 4 3 2 4 AGD/GDA GDA	
Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
	1
Primary Recorder	
Title Surname First Name Initials D r M c L a r e n A n d r e w	
	Clienter
	Client on system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Site	e Recording Forn	n - 🤄	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	n Site				
Site Context							
Landform L	andform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	S	Stream bank
Plain	Coastal rock platform		Cliff		Plain	H	Stream channel
Rolling hills	Dune		Crest		Ridge		Swamp
Steep hills	Intertidal flat		Flat		Tor		errace
✓ Undulating plain	Lagoon	1	Lower slope		Valley flat	H	errace flat
Slope	Tidal Creek		Mid slope		Levy		
			,		,		
degrees							
Vegetation L	and use	Wa	iter				
Closed forest	Conservation	Dis	tance to permane	ent v	water source	- 5	metres
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source		metres
Isolated clumps of trees	Farming-intensive		ne of nearest pe	•		e W e	nt Swmp
Open forest	Farming-low intensity		ne of nearest ter				
Open woodland	Forestry				,		
Scrub	Industrial			Di	irections for Relo	cation	
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (p	orivate property).
	7		Access via mai	in H	ydro smelter con	nplex, F	lart Lane, Kurri
✓ Cleared	Pastoral/grazing Recreation		Kurri. Contact I	Hydı	ro Buffer Zone S	upervis	or for access (02
Revegetated			4937 0667). Se	ee a	ttached location	map.	
N/A	Semi-rural						
	Service corridor						
	Transport corridor				Site Location	Мар	
L	Urban expansion	NW	1 1	ı	N	1	NE
	N/A						
Current Land Tenure			_				-
Public National Park Dept.	/ other Government		_				
✓ Private							
			_	S	See Attached Loca	tion Ma	ip -
Primary report I.D.	(I.D. Office Use only)		_				
Hydro Aluminium Smelter Site			_				
Land - Aboriginal Cultural Herita		W	_				_ E
(AECOM Australia Pty Ltd 2014	·)						
			_				-
			_				
			_				-
		sw			S		SE

NPWS Aboriginal Site Recording Form - Site Information

page 3

General Site Information Features Closed Site Open Site 1. Aboriginal Ceremony & Dreaming 2. Aboriginal Resource & Gathering Shelter/Cave Formation Rock Surface Condition Site Orientation Boulder Boulder N-S 3. Art Wind erosion Sandstone platform NE-SW 4. Artefact ✓ E-W Water erosion Silica gloss 5. Burial Rock collapse Tessellated SE-NW 6. Ceremonial Ring Weathered N/A 7. Conflict Other platform 8. Earth Mound 9. Fish Trap **Condition of Ceiling Shelter Aspect** 10. Grinding Groove Boulder North 11. Habitation Structure Sandstone platform North East 12. Hearth Silica gloss East 13. Non Human Bone & Organic Material South East Tessellated 14. Ochre quarry Weathered South 15. Potential Archaeological Deposit Other platform South West 16. Stone Quarry West 17. Shell North West 18. Stone Arrangement 19. Modified Tree 20. Water Hole



Site Dimensions						
Closed Site	Dimensions (m)					
	Internal length					
	Internal width					
	Shelter height					
	Shelter floor area					
Open Site D	imensions (m)					
	Total length of visible site					
	Average width of visible site					
	Estimated area of visible site					
	Length of assessed site area					

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Dualiminam, Cita Assassment
Preliminary Site Assessment Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS02-14 consists of an extensive low-density artefact scatter in a large erosion/cattle tread exposure on the
margin of Wentworth Swamp on Lot 1 of DP73597. The site is situated on a gently to very gently inclined simple slope on
the western side of a flat-topped peninsula of land extending into the swamp. The artefact-bearing exposure runs for
approximately 470m along the edge of the swamp and has a maximum width of around 30 m. Recorded artefacts (n =
89) include 32 complete flakes, 5 proximal flakes, 2 split flakes, 4 flake shatter fragments, 9 flaked pieces, 6 cores (1
multidirectional, 2 unidirectional, 1 bifacial and 2 bipolar), 2 misc. retouched flakes, 28 heat shatters and 1 edge-ground
hatchet head. Raw materials include silicified tuff (48), silcrete (33), quartz (5), FGS (1) and volcanic (2). Overall site
condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance, cattle
trampling and erosion. GSV within the exposure is excellent (91-100%). Land immediately upslope of the current
artefact-bearing exposure is considered to have high subsurface archaeological potential.
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
Organisation Organisation
Address
Phone number Fax Fax
Attachments (No.) Comments
A4 location map
B/W photographs —
Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other Other
Feature inserts-No.



Plate 1 Hydro-AS02-14: edge-ground hatchet head



Plate 2 Hydro-AS02-14: quartz bipolar core



Plate 3 View across site Hydro-AS02-14, looking east



Aboriginal Site Recording Form



AHIMS Registrar PO Box 1967, Hurstville NSW 2220

Office Use Only	Site Number	
Date received		
Entered by (I.D.		
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	Oli a mata a ma
		Client on system
Organisation		
Address		
Phone number	Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
7 to ong man		
Geographic		
Site Name	H y d r o - A S 0 3 - 1 4	
Easting	3 6 0 1 3 8 Northing 6 3 7 3 3 8 3 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Degistration	
	Other Registration	
Drimon, Do	a a a redar	
Primary Re	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation	A E C O M A u s t r a I i a P t y L t d	Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Si	te Recording Forn	n - :	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform	Landform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	Str	eam bank
Plain	Coastal rock platform		Cliff		Plain	Str	eam channel
Rolling hills	Dune		Crest		Ridge		amp
Steep hills	Intertidal flat		Flat		Tor		rrace
✓ Undulating plain	Lagoon	1	Lower slope		Valley flat	Tei	rrace flat
Slope	Tidal Creek		Mid slope		Levy		
degrees							
degrees							
Vegetation	Land use	Wa	nter				
Closed forest	Conservation	Dis	tance to permane	ent v	water source	- 5	metres
Grasslands	Established urban	Dis	tance to tempora	ary w	ater source		metres
Isolated clumps of trees	Farming-intensive	Naı	me of nearest pe	rma	nent water sourc	e W e 1	nt Swmp
Open forest	Farming-low intensity	Naı	me of nearest ter	npo	rary water		
Open woodland	Forestry						
Scrub	Industrial			Di	rections for Relo	cation	
Woodland	Mining				ro-owned buffer		
Cleared	✓ Pastoral/grazing				ra' property, off I		
Revegetated	Recreation						ne Supervisor for
N/A	Semi-rural		access (02 493	37 0	667). See attach	ed location	on map.
	Service corridor						
[Transport corridor						
	Urban expansion				Site Location	Мар	
	N/A	NW	' '	-	N	1 1	NE
Į	N/A	1					
Current Land Tenure National Par	k / other Government						
Public Dept.	C Out of Covernment		_				-
✓ Private							
Primary report I.D.	(I.D. Office Use only)		_	S	ee Attached Loca	tion Map	-
Hydro Aluminium Smelter Sit	e & Associated Buffer		_				-
Land - Aboriginal Cultural Heri	tage Assessment'	W					E
(AECOM Australia Pty Ltd 201	4).	VV	_				
			_				-
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			_				_
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NPWS Aboriginal Site Recording Form - Site Information

page 3

Gene	ral Site Information		Features
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation F	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Dime	nsions
Closed Site	Dimensions (m)
	Internal length
	Internal width
	Shelter height
	Shelter floor area
Open Site D	imensions (m)
	Total length of visible site
	Average width of visible site
	Estimated area of visible site
	Length of assessed site area

boriginal Community Inte	erpretation and Management Recommendations
reliminary Site Asse	sement
•	Analysis and Preliminary Management Recommendations
	an artefact scatter on the eastern margin of Wentworth Swamp on Lot 1 of DP73597. The
-	*
	se of a gently inclined simple slope approximately 200 m northwest of the Wangara
·	acts have eroded out of adjacent soil profiles. Recorded artefacts (n = 15) include 9 complete
	nents, 1 heat shatter, 1 multidirectional core and 1 bidirectional core. Raw materials include
` ,	3) and FGS (2). Overall site condition can be characterised as poor. Relevant disturbance
actors include native vege	tation clearance, cattle trampling and erosion. Land immediately upslope of the current
rtefact-bearing exposure	s considered to have high subsurface archaeological potential.
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno Title Organisation	wledge Holder Nominated Trustee Native Title Holder Community Consens
Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials
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ndorsed by: Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Attachments (No.) Ad location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	wledge Holder Nominated Trustee Native Title Holder Community Consense Surname First Name Initials Fax
Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings Recording tables	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax



Plate 1 Hydro-AS03-14: Bidirectional silicified tuff core (on left) and silicified tuff flake (on right)



Plate 2 Hydro-AS03-14: mutlidirectional silicified tuff core



Plate 3 View across site Hydro-AS03-14, looking southwest





Office Use Only Site Number - -	
Date received/ Date entered into system/ Date catalogued/	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	J,
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number Fax Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - A S 0 4 - 1 4	
Easting 3 6 0 0 8 5 Northing 6 3 7 3 2 6 1 AGD/GDA GDA	
Mapsheet	
Zone 56 Location Method Differential GPS	
Other Degistration	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on system
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	System
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Site Recording Form - Site Information page 2			
	OPEN/CLOSE SITE	pen Site	
Site Context			
Landform	Landform Unit		
Mountainous	Beach	Tidal Flat Upper slope Stream bank	
Plain	Coastal rock platform	Cliff Plain Stream channel	
Rolling hills	Dune	Crest Ridge ✓ Swamp	
Steep hills	Intertidal flat	Flat Tor Terrace	
✓ Undulating plain	Lagoon	Lower slope Valley flat Terrace flat	
Slope	Tidal Creek	Mid slope Levy	
degrees			
Vegetation	Land use	Water	
Closed forest	Conservation	Distance to permanent water source -5 metres	
Grasslands	Established urban	Distance to temporary water source metres	
Isolated clumps of trees	Farming-intensive	Name of nearest permanent water source $\begin{bmatrix} \mathbb{W} & \text{e n t} & \text{S w m} \end{bmatrix}$	р
Open forest	Farming-low intensity	Name of nearest temporary water	
Open woodland	Forestry		
Scrub	Industrial	Directions for Relocation	
Woodland	Mining	Site located in Hydro-owned buffer zone (private property).	<u>-</u>
✓ Cleared	✓ Pastoral/grazing	Access via 'Wangara' property, off Main Road, south of	
Revegetated	Recreation	Gillieston Heights. Contact Hydro Buffer Zone Supervisor f access (02 4937 0667). See attached location map.	or
N/A	Semi-rural	access (02 4937 0007). See attached location map.	-
	Service corridor		_
	Transport corridor		
	Urban expansion	Site Location Map	NE
	N/A	NW	
Current Land Tenure		-	-
Public National Par	k / other Government		
✓ Private Dept.		-	-
▼ 1 HVale		See Attached Location Map	-
Primary report I.D.	(I.D. Office Use only)	See Attached Estation Map	
Hydro Aluminium Smelter Sit	e & Associated Buffer	-	+
Land - Aboriginal Cultural Hei	itage Assessment'	w _	E
(AECOM Australia Pty Ltd 20	14).		
		-	-
		-	-
			-
		SW S	SE

page 3

General Site Information		Features	
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation R	ock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Dimensions			
Closed Site	Dimensions (m)		
	Internal length		
	Internal width		
	Shelter height		
	Shelter floor area		
Open Site D	imensions (m)		
	Total length of visible site		
	Average width of visible site		
	Estimated area of visible site		
	Length of assessed site area		

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
The right and th
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS04-14 consists of an artefact scatter on the eastern margin of Wentworth Swamp on Lot 1 of DP73597. The
scatter is situated at the base of gently inclined simple slope approximately 150 m west of the Wangara homestead
complex. Artefacts have eroded out of adjacent soil profiles. One artefact was recorded in-situ at a depth of c.40 cm.
Recorded artefacts (n = 11) include 7 complete flakes, 1 heat shatter, 2 multidirectional cores and 1 bifacial core. Raw
materials include silcrete (5), silcified tuff (4) and FGS (2). Overall site condition can be characterised as poor. Relevant
disturbance factors include native vegetation clearance and ongoing erosion. Land immediately upslope of the current
artefact-bearing exposure is considered to have high subsurface archaeological potential.
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
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
✓ A4 location map
B/W photographs —
✓ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS04-14



Plate 1 Hydro-AS04-14: In-situ bifacial silicified tuff core (to right of flag - flag is 50 cm long)



Plate 2 Hydro-AS04-14: multidirectional silcrete core



Plate 3 View across site Hydro-AS04-14, looking south southwest





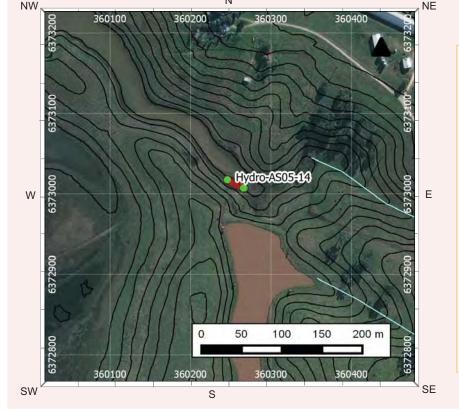
Office Use Only	
Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number Fax Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Easting 3 6 0 2 5 6 Northing 6 3 7 3 0 1 2 AGD/GDA GDA	
Mapsheet Leastion Method Turk VIII and Turk	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on system
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Site Recording Form - Site Information page 2			
	OPEN/CLOSE SITE	pen Site	
Site Context			
Landform	Landform Unit		
Mountainous	Beach	Tidal Flat Upper slope Stream bank	
Plain	Coastal rock platform	Cliff Plain Stream channel	
Rolling hills	Dune	Crest Ridge ✓ Swamp	
Steep hills	Intertidal flat	Flat Tor Terrace	
✓ Undulating plain	Lagoon	Lower slope Valley flat Terrace flat	
Slope	Tidal Creek	Mid slope Levy	
degrees			
Vegetation	Land use	Water	
Closed forest	Conservation	Distance to permanent water source -5 metres	
Grasslands	Established urban	Distance to temporary water source metres	
Isolated clumps of trees	Farming-intensive	Name of nearest permanent water source $\begin{bmatrix} \mathbb{W} & \text{e n t} & \text{S w m} \end{bmatrix}$	р
Open forest	Farming-low intensity	Name of nearest temporary water	
Open woodland	Forestry		
Scrub	Industrial	Directions for Relocation	
Woodland	Mining	Site located in Hydro-owned buffer zone (private property).	<u>-</u>
✓ Cleared	✓ Pastoral/grazing	Access via 'Wangara' property, off Main Road, south of	
Revegetated	Recreation	Gillieston Heights. Contact Hydro Buffer Zone Supervisor f access (02 4937 0667). See attached location map.	or
N/A	Semi-rural	access (02 4937 0007). See attached location map.	-
	Service corridor		_
	Transport corridor		
	Urban expansion	Site Location Map	NE
	N/A	NW	
Current Land Tenure		-	-
Public National Par	k / other Government		
✓ Private Dept.		-	-
▼ 1 HVale		See Attached Location Map	-
Primary report I.D.	(I.D. Office Use only)	See Attached Estation Map	
Hydro Aluminium Smelter Sit	e & Associated Buffer	-	+
Land - Aboriginal Cultural Hei	itage Assessment'	w _	E
(AECOM Australia Pty Ltd 20	14).		
		-	-
		-	-
			-
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page 3

General Site Information		Features	
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Ro	ck Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	✓ SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling SI	nelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions			
Closed Site	Dimensions (m)		
	Internal length Internal width Shelter height Shelter floor area		
Open Site D	imensions (m)		
	Total length of visible site Average width of visible site Estimated area of visible site		
	Length of assessed site area		

boriginal Community Inte	erpretation and Management Recommendations
reliminary Site Asse	ssment
•	Analysis and Preliminary Management Recommendations
	f an artefact scatter in an erosion/cattle tread exposure at the head of an inlet off Wentworth
-	97. The site is situated at the base of a moderately inclined simple slope approximately 185
•	ngara homestead complex. Artefacts have eroded out of an adjacent soil profile. Recorded
	complete flakes, both manufactured out of silicified tuff, and 1 silcrete heat shatter. Overall site
,	ised as poor. Relevant disturbance factors include native vegetation clearance, extensive
attle trampling and erosio	·
atto tramping and orooto	
is section should only be	filled in by the Endorsees
ndorsed by: Kno	owledge Holder Nominated Trustee Native Title Holder Community Consens
-	
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ndorsed by: Knd	owledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno Title Organisation	owledge Holder Nominated Trustee Native Title Holder Community Consens
Organisation Address Phone number	owledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials
Organisation Address Phone number	owledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number ttachments (No.)	owledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
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ndorsed by: Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs	owledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials
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Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings Recording tables	owledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials





Plate 2 View across site Hydro-AS05-14, looking northwest





Office Use Only	Site Number	
Date received		
Entered by (I.D.		
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	Oli a mata a ma
		Client on system
Organisation		
Address		
Phone number	Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
7 to ongine		
Geographic	Location	
Site Name	H y d r o - A S 0 6 - 1 4	
Easting	3 5 9 9 9 4 Northing 6 3 7 3 1 4 2 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Productions	
	Other Registration	
Duimon, Da		
Primary Re	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation		Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Site Recording Form - Site Information page 2			
	OPEN/CLOSE SITE	pen Site	
Site Context			
Landform	Landform Unit		
Mountainous	Beach	Tidal Flat Upper slope Stream bank	
Plain	Coastal rock platform	Cliff Plain Stream channel	
Rolling hills	Dune	Crest Ridge ✓ Swamp	
Steep hills	Intertidal flat	Flat Tor Terrace	
✓ Undulating plain	Lagoon	Lower slope Valley flat Terrace flat	
Slope	Tidal Creek	Mid slope Levy	
degrees			
Vegetation	Land use	Water	
Closed forest	Conservation	Distance to permanent water source -5 metres	
Grasslands	Established urban	Distance to temporary water source metres	
Isolated clumps of trees	Farming-intensive	Name of nearest permanent water source $\begin{bmatrix} \mathbb{W} & \text{e n t} & \text{S w m} \end{bmatrix}$	р
Open forest	Farming-low intensity	Name of nearest temporary water	
Open woodland	Forestry		
Scrub	Industrial	Directions for Relocation	
Woodland	Mining	Site located in Hydro-owned buffer zone (private property).	<u>-</u>
✓ Cleared	✓ Pastoral/grazing	Access via 'Wangara' property, off Main Road, south of	
Revegetated	Recreation	Gillieston Heights. Contact Hydro Buffer Zone Supervisor f access (02 4937 0667). See attached location map.	or
N/A	Semi-rural	access (02 4937 0007). See attached location map.	-
	Service corridor		_
	Transport corridor		
	Urban expansion	Site Location Map	NE
	N/A	NW	
Current Land Tenure		-	-
Public National Par	k / other Government		
✓ Private Dept.		-	-
▼ 1 HVale		See Attached Location Map	-
Primary report I.D.	(I.D. Office Use only)	See Attached Estation Map	
Hydro Aluminium Smelter Sit	e & Associated Buffer	-	+
Land - Aboriginal Cultural Hei	itage Assessment'	w _	E
(AECOM Australia Pty Ltd 20	14).		
		-	-
		-	-
			-
		SW S	SE

page 3

Gene	ral Site Information		Features
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation F	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	✓ SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Dime	nsions		
Closed Site	Dimensions (m)		
	Internal length Internal width		
	Shelter height		
Shelter floor area			
Open Site D	dimensions (m)		
	Total length of visible site		
	Average width of visible site		
	Estimated area of visible site		
	Length of assessed site area		

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
The regions of the protection and the regions of th
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS06-14 is an artefact scatter located around MGA grid reference 359994 6373142 on Lot 1 of DP73597. The site
is situated on a peninsula of land extending into Wentworth Swamp, approximately 240 m southwest of the Wangara
homestead complex. The site comprises two artefacts, a complete silicified tuff flake and a silcrete heat shatter, in two
small (<1m2) erosion expsoures approximately 6 m apart. The exposure containing the silcrete heat shatter is on the
edge of the swamp and is actively eroding through wave action. Overall site condition can be characterised as poor.
Relevant disturbance factors include native vegetation clearance and erosion. Land immediately upslope of the current
artefact-bearing exposures is considered to have high subsurface archaeological potential.
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
Organisation
Address
Phone number Fax Fax
Attachments (No.) Comments
✓ A4 location map
B/W photographs ————————————————————————————————————
Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other Other
Feature inserts-No.

Hydro-AS06-14



Plate 1 Hydro-AS06-14: silicified tuff flake (on left) and silcrete heat shatter (on right)



Plate 2 View across site Hydro-AS06-14, looking south



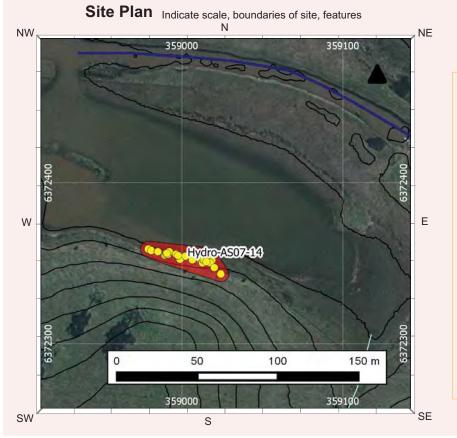


Office Use Only	
Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address	
Phone number Fax	
Knowledge Holder	
Title Surneme First Name Initials	
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - A S 0 7 - 1 4	
Easting 3 5 9 0 0 3 Northing 6 3 7 2 3 5 3 AGD/GDA GDA	
Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Canon recognition .	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Si	te Recording Forn	า - S	Site Informa	atio	on		pe	age 2
	OPEN/CLOSE SITE	Oper	n Site					
Site Context								
Landform	Landform Unit							
Mountainous	Beach		Tidal Flat		Upper slope		Stream bank	
Plain	Coastal rock platform	П	Cliff		Plain		Stream channel	
Rolling hills	Dune	П	Crest		Ridge		Swamp	
Steep hills	Intertidal flat	П	Flat		Tor		Terrace	
✓ Undulating plain	Lagoon	✓	Lower slope		Valley flat		Terrace flat	
Slope	Tidal Creek		Mid slope		Levy			
					, =0.,			
degrees								
Vegetation	Land use	Wat	er					
Closed forest	Conservation	Dista	ance to permane	ent v	water source	- 5	metres	
Grasslands	Established urban	Dista	ance to tempora	ıry w	ater source		metres	
Isolated clumps of trees	Farming-intensive		·	•	nent water sourc	se S v	wamp Ck	
Open forest	Farming-low intensity		e of nearest ter					
Open woodland	Forestry				,			
Scrub	Industrial			Di	rections for Relo	ocation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (private property)	_
✓ Cleared	✓ Pastoral/grazing	-	Access via ma	in H	ydro smelter cor	nplex,	Hart Lane, Kurri	_
Revegetated	Recreation						sor for access (02	2
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		_
IWA	Service corridor							_
								_
	Transport corridor				Site Location	Мар		
	Urban expansion	NW_	1 1	-	N	T	1 1	NE
	N/A							
Current Land Tenure	k / other Government							-
Public Dept.	k / otner Government	-						-
✓ Private								
Primary report I.D.	(ID Office Househ)			S	ee Attached Loca	ation M	ар	-
Hydro Aluminium Smelter Site	(I.D. Office Use only)	-						_
Land - Aboriginal Cultural Her								
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		+		ı	1 1	ı		-
		SW			S			SE

page 3

General Site Information Features Closed Site 1. Aboriginal Ceremony & Dreaming **Open Site** 2. Aboriginal Resource & Gathering Shelter/Cave Formation Rock Surface Condition Site Orientation Boulder Boulder N-S 3. Art Wind erosion NE-SW Sandstone platform 4. Artefact ✓ E-W Water erosion Silica gloss 5. Burial Rock collapse Tessellated SE-NW 6. Ceremonial Ring Weathered N/A 7. Conflict 8. Earth Mound Other platform 9. Fish Trap **Condition of Ceiling Shelter Aspect** 10. Grinding Groove Boulder North 11. Habitation Structure Sandstone platform North East 12. Hearth Silica gloss East 13. Non Human Bone & Organic Material South East Tessellated 14. Ochre quarry Weathered South 15. Potential Archaeological Deposit Other platform South West 16. Stone Quarry West 17. Shell North West 18. Stone Arrangement 19. Modified Tree 20. Water Hole



0:4 5:				
Site Dime	nsions			
Closed Site	Dimensions (m)			
	Internal length			
	Internal width			
	Shelter height			
Shelter floor area				
Open Site D	Dimensions (m)			
	Total length of visible site			
	Average width of visible site			
	Estimated area of visible site			
	Length of assessed site area			

NPWS Aboriginal Site Recording Form - Site Interpretation and Commun	nity Statement page 4
Aboriginal Community Interpretation and Management Recommendations	
	_
Preliminary Site Assessment	
Site Cultural & Scientific Analysis and Preliminary Management Recommendations	
Hydro-AS07-14 consists of an artefact scatter on the edge of a billabong associated with Sv	vamp Creek. The site is
situated on a gently to moderately inclined cleared simple slope. Artefacts occur principally	•
erosion/cattle tread exposure directly adjacent to the billabong but were also recorded in ex	
an unsealed access track a short distance upslope. Recorded artefacts (n = 30) include 14	complete flakes, 6 proximal
flakes, 1 split flake, 2 flake shatter fragments, 1 flaked piece, 1 unidirectional core, 4 heat sh	natters and 1 misc. retouched
flake. Raw materials include silicified tuff (16), silcrete (9), quartz (2), quartzite (1) and FGS	(2). Overall site condition can
be characterised as poor. Relevant disturbance factors include native vegetation clearance,	access track use, cattle
trampling and erosion. GSV within the main exposure is excellent (91-100%).	
This section should only be filled in by the Endorsees	
Endorsed by: Knowledge Holder Nominated Trustee Native Title Holde	er Community Consensus
Title Surname First Name	e Initials
Organisation Organisation	
Address	
Phone number Fax	
Attachments (No.) (Imments	
Attachments (No.) Comments	
At location map Ad location map	
A4 location map	
A4 location map B/W photographs	
A4 location map B/W photographs Colour photographs	
A4 location map B/W photographs Colour photographs Slides	
✓ A4 location map B/W photographs ✓ Colour photographs Slides Aerial photographs Site plans, drawings	
✓ A4 location map B/W photographs ✓ Colour photographs Slides Aerial photographs Site plans, drawings Recording tables	
✓ A4 location map B/W photographs ✓ Colour photographs Slides Aerial photographs Site plans, drawings	

Hydro-AS07-14



Plate 1 Hydro AS07-14: large silicified tuff flake



Plate 2 View across site Hydro-AS07-14, looking northwest





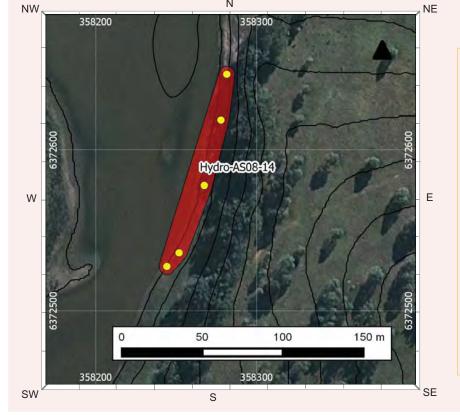
Office Use Only	Site Number	
Date received		
Entered by (I.D.		
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	Oli a mata a ma
		Client on system
Organisation		
Address		
Phone number	Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
7 to ongine		
Geographic	Location	
Site Name	H y d r o - A S 0 8 - 1 4	
Easting	3 5 8 2 6 5 Northing 6 3 7 2 5 8 5 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Productions	
	Other Registration	
Duimon, Da		
Primary Re	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation		Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Si	te Recording Forn	n - :	Site Informa	atio	on		page 2	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	_andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	St	ream bank	
Plain	Coastal rock platform		Cliff		Plain		ream channel	
✓ Rolling hills	Dune		Crest		Ridge		vamp	
Steep hills	Intertidal flat		Flat		Tor	H	errace	
Undulating plain	Lagoon	1	Lower slope		Valley flat		errace flat	
Slope	Tidal Creek		Mid slope		Levy			
			, op.		,,			
degrees								
Vegetation I	_and use	Wa	iter					
Closed forest	Conservation	Dis	tance to permane	ent v	vater source	- 5	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source		metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e W e	nt Swmp	
Open forest	Farming-low intensity		ne of nearest ter					
Open woodland	Forestry				,			
Scrub	Industrial			Di	rections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pr	ivate property).	
	✓ Pastoral/grazing		Access via ma	in H	ydro smelter con	nplex, Ha	art Lane, Kurri	
✓ Cleared	Recreation					•	or for access (02	
Revegetated			4937 0667). Se	ee a	ttached location	map.		
N/A	Semi-rural							
[Service corridor							
Ĺ	Transport corridor				Site Location	Мар		
	Urban expansion	NW	1 1	ı	N	· ·	N	ΝE
	N/A							
Current Land Tenure	. / -41 0		_				_	
Public Dept.	c / other Government		_				-	
✓ Private								
Primary report I.D.			_	S	ee Attached Loca	tion Map	-	
Hydro Aluminium Smelter Site	(I.D. Office Use only)		_					
Land - Aboriginal Cultural Heri								
(AECOM Australia Pty Ltd 201		W.	_					Ε
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		SW			S		S	SE

page 3

Genera	I Site Information	Features			
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming		
Shelter/Cave Formation Ro	ck Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering		
Boulder	Boulder	✓ N-S	3. Art		
Wind erosion	Sandstone platform	NE-SW	4. Artefact		
Water erosion	Silica gloss	E-W	5. Burial		
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring		
	Weathered	N/A	7. Conflict		
	Other platform		8. Earth Mound		
Condition of Ceiling Sh	elter Aspect		9. Fish Trap		
Boulder	North		10. Grinding Groove		
Sandstone platform	North East		11. Habitation Structure		
Silica gloss	East		12. Hearth		
Tessellated	South East		13. Non Human Bone & Organic Material		
Weathered	South		14. Ochre quarry		
Other platform	South West		15. Potential Archaeological Deposit		
	West		16. Stone Quarry		
	North West		17. Shell		
			18. Stone Arrangement		
			19. Modified Tree		
			20. Water Hole		

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions					
Closed Site	Dimensions (m)				
	Internal length				
	Internal width				
	Shelter height				
	Shelter floor area				
Open Site D	Dimensions (m)				
	Total length of visible site				
	Average width of visible site				
	Estimated area of visible site				
	Length of assessed site area				

Preliminary Site Assessment Site Cultural & Scientific Analysis and Preliminary Management Recommendations Hydro-AS08-14 consists of a low density artefact scatter in a linear erosion/cattle tread exposure running along the edge of Wentworth Swamp on Lot 1 of DP168625. The site is situated at the base of a partially cleared gently to moderately inclined simple slope. Recorded artefacts (in = 5) include 3 complete flakes, 1 heat shatter and 1 multidirectional core. Raw materials include slicified full (2), silcrete (2) and FGS (1). GSV within the exposure is excellent (91-100%). Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance, extensive cattle trampling and erosion. 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 Organisation Address Phone number Fax Attachments (No.) Comments Attachments (No.) Comments Attachments (No.) Comments Attachments (No.) Comments Fax Recording tables Other Feature inserts-No.	NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Site Cultural & Scientific Analysis and Preliminary Management Recommendations Hydro-AS08-14 consists of a low density artefact scatter in a linear erosion/cattle tread exposure running along the edge of Wentworth Swamp on Lot 1 of DP166625. The site is situated at the base of a partially cleared gently to moderately inclined simple slope. Recorded artefacts (n = 5) include 3 complete flakes, 1 heat shatter and 1 multidirectional core. Raw materials include silicified tuff (2), silcrete (2) and FGS (1), GSV within the exposure is excellent (91-100%). Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance, extensive cattle trampling and erosion. This section should only be filled in by the Endorsees Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensus Initials Organisation Address Phone number First Name Initials Organisation Address Phone number Fax Attachments (No.) Comments Attachments (No.) Comments Glour photographs Sides Aerial photographs Site plans, drawings Recording tables Other	Aboriginal Community Interpretation and Management Recommendations
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Aerial photographs Site plans, drawings Recording tables Other	✓ Colour photographs
Site plans, drawings Recording tables Other	
Recording tables Other	
Other	Site plans, drawings
	Recording tables
Feature inserts-No.	Other
	Feature inserts-No.

Hydro-AS08-14



Plate 1 View across site Hydro-AS08-14, looking north





Office Use Only	Site Number	
Date received		
Entered by (I.D.		
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	Oli a mata a ma
		Client on system
Organisation		
Address		
Phone number	Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
7 to ong man		
Geographic		
Site Name	H y d r o - A S 0 9 - 1 4	
Easting	3 5 8 4 1 2 Northing 6 3 7 2 3 3 9 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Degistration	
	Other Registration	
Drimon, Do	a a a redar	
Primary Re	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation	A E C O M A u s t r a I i a P t y L t d	Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n - S	Site Informa	atio	on		page 2	2
	OPEN/CLOSE SITE	Эре	n Site					
Site Context								
Landform L	andform Unit							
Mountainous	Beach		Tidal Flat	√	Upper slope	Str	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
✓ Rolling hills	Dune		Crest		Ridge		/amp	
Steep hills	Intertidal flat		Flat		Tor		rrace	
Undulating plain	Lagoon		Lower slope		Valley flat		rrace flat	
Slope	Tidal Creek		Mid slope		Levy			
					,			
degrees								
Vegetation L	and use	Wa	ter					
Closed forest	Conservation	Dist	ance to permane	ent v	water source	220	metres	
Grasslands	Established urban	Dist	ance to tempora	ırv w	ater source	125	metres	
Isolated clumps of trees	Farming-intensive		·	•	nent water sourc	e W e i	nt Swmp	٦
Open forest	Farming-low intensity		ne of nearest ter				named	Ī
Open woodland	Forestry				,			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pri	vate property).	
✓ Cleared	Pastoral/grazing				ydro smelter con	•		
Revegetated	Recreation		-		ro Buffer Zone S	•	for access (02	
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		
	Service corridor							
[,								
	Transport comider				Site Location	Мар		
	Urban expansion	NW	1 1		N	1 1	N	ΝE
	N/A	1						
Current Land Tenure	/ other Government		-				-	
Public Dept.	/ other Government		-				-	
✓ Private								
Primary report I.D.	(I.D. Office Use only)		-	S	See Attached Loca	tion Map	-	
Hydro Aluminium Smelter Site		-	-				-	
Land - Aboriginal Cultural Herit								E
(AECOM Australia Pty Ltd 2014		W	-				-	_
			-				-	
		_	-				-	
			_					
			-					
		SW			S		S	SE

page 3

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions					
Closed Site	Dimensions (m)				
	Internal length Internal width Shelter height Shelter floor area				
Open Site D	imensions (m)				
	Total length of visible site Average width of visible site Estimated area of visible site Length of assessed site area				

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
The right and right
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS09-10 comprises an artefact scatter on an unsealed east-west trending access track / fire trail running between
Lot 1 on DP166625 and Lot 317 on DP755231. The site is situated on a gently inclined simple slope approximately 70 m
east of an entrance gate to Lot 1 and access track leading into Lot 317. Native vegetation to the south of the site, in Lot
317, comprises regenerating Lowland Redgum Forest. Two artefacts - a complete silcrete flake and silcrete flake shatter
fragment - were identified on the track approximately 30m apart. GSV on-site is excellent (91-100%). Overall site
condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance, access track
use and erosion.
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
Organisation Organisation
Address
Phone number Fax Fax
Attachments (No.) Comments
A4 location map
B/W photographs —
✓ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS09-14



Plate 1 Hydro-AS09-14: silcrete flake



Plate 2 View across site Hydro-AS09-14, looking southwest





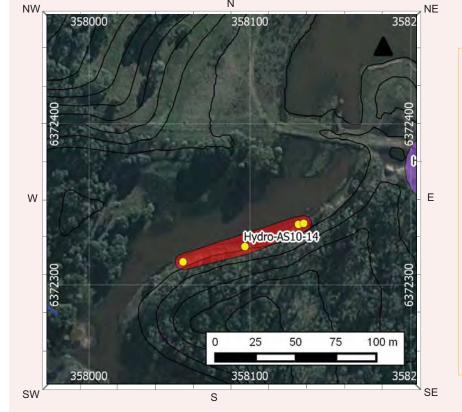
Date received	Office Use Only	Site Number	
Entered by (I.D.) Information Access Gender/male Gender/female Location restriction General restriction No access For Further Information Contact: Nominated Trustee Title Surname First Name Initials Organisation Address Phone number Fax Knowledge Holder Title Surname First Name Initials Organisation Address Phone number Fax Aboriginal Heritage Unit or Cultural Heritage Division Contacts Feagurage First Name Initials Organisation Address Other Registration Primary Recorder Title Surname First Name Initials Easting 3 5 8 0 9 6 Northing 6 3 7 2 3 2 6 AGD/GDA GDA Mapsheet Doration Site Name First Name Initials First Name Initials Other Registration Primary Recorder Title Surname First Name Initials Other Registration Collection Client on system Organisation Address Other Registration Collection Client on system Organisation Address Ago Ba AGD/GDA GDA Ago Ba AGD/GDA GDA Client on system Organisation Al El C O M A July to First Name Initials Dr M C La ren An drew Client on System Organisation Al El C O M A July to First Name Initials Dr M C La ren An drew Client on System Organisation Al El C O M A July to First Name Initials Dr M C La ren An drew Client on System Phone number 8 9 3 4 0 0 0 0 0 First 8 9 3 4 0 0 0 1	Date receive		
Information Access Gender/male Gender/female Location restriction General restriction No access For Further Information Contact: Nominated Trustee			
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Gender/male Gender/female Location restriction General restriction No access For Further Information Contact: Nominated Trustee Title Surmame First Name Initials	Information	Access	
Nominated Trustee Title Sumame First Name Initials Client on system Address Phone number Title Sumame First Name Initials Client on system Address Phone number Aboriginal Heritage Unit or Cultural Heritage Division Contacts Easting 3 5 8 0 9 6 Northing 6 3 7 2 3 2 6 AGD/GDA GDA Mapsheet Zone 56 Location Method Differential GPS Other Registration Primary Recorder Title Sumame First Name Initials Other Registration Client on system Segographic Location Site Name H y d r o - A S 1 0 - 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Gender/ma	le Gender/female Location restriction General restriction No access	
Title Surname First Name Initials Client on system Address Phone number Knowledge Holder Title Surname First Name Initials Client on system Organisation Address Phone number Aboriginal Heritage Unit or Cultural Heritage Division Contacts Easting 3 5 8 0 9 6 Northing 6 3 7 2 3 2 6 AGD/GDA GDA Mapsheet Zone 56 Location Method Differential GPS Other Registration Primary Recorder Title Surname First Name Initials Client on system Client on system Client on system Client on system Initials Client on system Client on system Client on system Client on system Aboriginal Heritage Unit or Cultural Heritage Division Contacts First Name Initials Client on system Aboriginal Heritage Unit or Cultural Heritage Division Contacts Client on system Client on system A Address A 2 0 0 9 0 0 0 0 First Name Initials Client on system Client on system Client on system Phone number 8 9 3 4 0 0 0 0 0 First 8 9 3 4 0 0 0 1	For Further	Information Contact:	
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Title Surname First Name Initials Organisation Address Phone number	Phone number	Fax Fax	
Title Surname First Name Initials Organisation Address Phone number	Knowledg	e Holder	
Organisation Address Phone number Aboriginal Heritage Unit or Cultural Heritage Division Contacts Geographic Location Site Name H y d r o - A S 1 0 - 1 4 Easting 3 5 8 0 9 6 Northing 6 3 7 2 3 2 6 AGD/GDA GDA Mapsheet Zone 56 Location Method Differential GPS Other Registration Organisation A E C O M A u s t r a 1 i a P t y L t d Address Address Phone number 8 9 3 4 0 0 0 0 0 Fax 8 9 3 4 0 0 0 1	_		Client on
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Primary Recorder Title Surname First Name Initials D r M c L a r e n A n d r e w Initials Organisation A E C O M A u s t r a I i a P t y L t d Client on system Phone number 8 9 3 4 0 0 0 0 0 Fax 8 9 3 4 0 0 0 1 System		Other Registration	
Title Surname First Name Initials D r		Culci Registration	
Title Surname First Name Initials D r			
Title Surname First Name Initials D r	Primary Re	ecorder	
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Address	Dr	M c L a r e n A n d r e w	
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	Organisation	A E C O M A u s t r a I i a P t y L t d	
	Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Date recorded 02/07/2014	Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
	Date recorded	02/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n -	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform [andform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	✓ Str	eam bank
Plain	Coastal rock platform		Cliff		Plain	=	eam channel
✓ Rolling hills	Dune		Crest		Ridge		/amp
Steep hills	Intertidal flat		Flat		Tor		rrace
Undulating plain	Lagoon	1	Lower slope		Valley flat		rrace flat
Slope	Tidal Creek		Mid slope		Levy		
					,,		
degrees							
Vegetation L	and use	Wa	ater				
Closed forest	Conservation	Dis	tance to perman	ent v	water source	- 5	metres
Grasslands	Established urban	Dis	tance to tempora	arv w	ater source		metres
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1 a	ack Wat
Open forest	Farming-low intensity		me of nearest ter				
Open woodland	Forestry				,		
Scrub	Industrial			Di	irections for Relo	ocation	
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pri	vate property).
	✓ Pastoral/grazing		Access via ma	in H	ydro smelter cor	nplex, Ha	rt Lane, Kurri
✓ Cleared	Recreation				ro Buffer Zone S	•	r for access (02
Revegetated			4937 0667). Se	ee a	ttached location	map.	
N/A	Semi-rural						
	Service corridor						
L	Transport corridor				Site Location	Мар	
L	Urban expansion	NW	1 1	T	N	1 1	NE
	N/A						
Current Land Tenure	. /		_				_
Public Dept.	c / other Government						-
✓ Private							
Primary report I.D.	45.05.44			S	See Attached Loca	ition Map	-
Hydro Aluminium Smelter and	(I.D. Office Use only)						
Aboriginal Cultural Heritage As							
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page 3

Gene	ral Site Information		Features
Closed Site Open Site			1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Rock Surface Condition Site Orientation		2. Aboriginal Resource & Gathering	
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	✓ NE-SW	√ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions					
Closed Site	Dimensions (m)				
	Internal length Internal width Shelter height Shelter floor area				
Open Site D	imensions (m)				
	Total length of visible site				
	Average width of visible site				
	Estimated area of visible site				
	Length of assessed site area				

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Theoriginal Community into produce and management recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS10-14 is an artefact scatter located in an erosion exposure on the eastern side of a dammed section of Black
Waterholes Creek on Lot 317 of DP755231. The site is situated at the base of a moderately inclined simple slope,
approximately 65 m northeast of the confluence of Black Waterholes Creek and an unnamed 2nd order tributary.
Bordering native vegetation to the south and east comprises regenerating Lowland Redgum Forest. The site comprises
four artefacts: 1 unidirectional silcrete core, 1 silcrete flake shatter fragment, 1 complete silcrete flake and 1 split silicified
tuff flake. The artefact-bearing exposure is approximately 100 m long and has a maximum width of around 5 m. Overall
site condition can be characterised as poor. Relevant disturbance factors include native vegetation removal, periodic
flooding, cattle trampling and erosion.
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
The Surface Free Name Free Name
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
A4 location map ———————————————————————————————————
B/W photographs ————————————————————————————————————
✓ Colour photographs
Slides
Aerial photographs ————————————————————————————————————
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS10-14



Plate 1 Hydro-AS10-14: unidirectional silcrete core



Plate 2 View across part of site Hydro-AS10-14, looking northeast



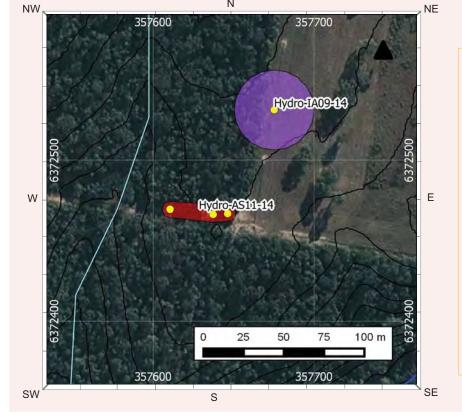


Office Use Only	Site Number	
Date received		
Entered by (I.D.)	
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	Oli a mata a ma
		Client on system
Organisation		
Address		
Phone number	Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
7.5011gillar		
Geographic		
Site Name	H y d r o - A S 1 1 - 1 4	
Easting	3 5 7 6 2 8 Northing 6 3 7 2 4 6 8 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Degistration	
	Other Registration	
Drimon, Do	a a a redar	
Primary Re	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation	A E C O M A u s t r a I i a P t y L t d	Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	Landform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Str	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
✓ Rolling hills	Dune		Crest		Ridge	=	amp	
Steep hills	Intertidal flat	1	Flat		Tor	H	rrace	
Undulating plain	Lagoon		Lower slope		Valley flat		rrace flat	
Slope	Tidal Creek		Mid slope		Levy			
			a op.a					
degrees								
Vegetation	Land use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	150	metres	
Grasslands	Established urban	Dis	tance to tempora	ary w	ater source	3 0	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1 a	ack Wat	
Open forest	Farming-low intensity		me of nearest ter				named	
Open woodland	Forestry			•	,			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in Hydro-owned buffer zone (private property).					
✓ Cleared	Pastoral/grazing		<u> </u>		ydro smelter con			
✓ Revegetated	Recreation	Kurri. Contact Hydro Buffer Zone Supervisor for access (02						
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		
IV/A	Service corridor							
	Transport confuci				Site Location	Мар		
	Urban expansion	NW	1 1	Т	N	1 1	1 1	NE
	N/A							
Current Land Tenure	k / other Government		_					
Public Dept.	k / Other Government							-
✓ Private								
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map		-
Hydro Aluminium Smelter Site			_					-
- Aboriginal Cultural Heritage								Е
(AECOM Australia Pty Ltd 201		W	_					
								-
			_					-
								-
		SW			S			SE

page 3

Gene	ral Site Information	Features	
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation R	ock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	✓ E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole



Site Dimensions							
Closed Site	Closed Site Dimensions (m)						
	Internal length						
	Internal width						
	Shelter height						
	Shelter floor area						
Open Site D	imensions (m)						
	Total length of visible site						
	Average width of visible site						
	Estimated area of visible site						
	Length of assessed site area						

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
The state of the s
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS11-14 comprises a low density artefact scatter on an unsealed east-west trending access track/fire trail running
between Lot 1 on DP166625 and Lot 316 on DP755231. The site is situated on a level to very gently inclined elevated
'flat' that gives way to the west to an unnamed 1st order drainage depression. Surrounding native vegetation comprises
regenerating Kurri Sand Swamp Woodland. Three artefacts were identified along a c.40 m section of the access track at
a maximum density of 1 artefact per m². Recorded artefacts (n = 3) include 1 complete silcrete flake, 1 silcrete flake
shatter fragment and 1 silcrete heat shatter. Overall site condition can be characterised as poor. Relevant disturbance
factors include native vegetation clearance, access track use and erosion.
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
Organisation
Address
Phone number Fax
Attachments (No.) Comments
A4 location map
B/W photographs —
▼ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS11-14



Plate 1 View across site Hydro-AS11-14, looking west



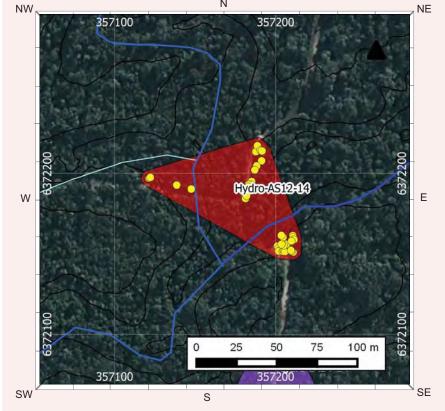


Office Use Only	
Site Number	
Date received/ Date entered into system/ Date catalogued/	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	
Title Suffairle First Name Initials	Client on
	system
Organisation Organisation	
Address	
Phone number Fax Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - A S 1 2 - 1 4	
Easting 3 5 7 1 7 5 Northing 6 3 7 2 1 8 6 AGD/GDA GDA	
Mapsheet Map	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on system
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	System
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Site	e Recording Forn	n -	Site Informa	atio	on		page	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform La	andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Str	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
Rolling hills	Dune	1	Crest		Ridge		/amp	
Steep hills	Intertidal flat		Flat		Tor		rrace	
✓ Undulating plain	Lagoon		Lower slope		Valley flat		rrace flat	
Slope	Tidal Creek		Mid slope		Levy			
			a e.epe		,			
degrees								
Vegetation La	and use	Wa	nter					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	- 5	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	- 5	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1 a	ack Wat	
Open forest	Farming-low intensity		me of nearest ter				n a m e d	
Open woodland	Forestry				,			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in Hydro-owned buffer zone (private property).					
✓ Cleared	Pastoral/grazing		Access via mai	in H	ydro smelter con	nplex, Ha	rt Lane, Kurri	
✓ Revegetated	Recreation	Kurri. Contact Hydro Buffer Zone Supervisor for access (02						
N/A	Semi-rural	4937 0667). See attached location map.						
IN/A	Service corridor							
<u> </u>					Site Location	Мар		
	Urban expansion	NW	1 1		N	1 1	1 1	NE
	N/A							
Current Land Tenure	/ other Government		_				-	
Public Dept.	/ other Government		_					-
✓ Private								
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map	-	-
Hydro Aluminium Smelter Site &			_					-
- Aboriginal Cultural Heritage A								_
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page 3

Genera	I Site Information	Features		
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming	
Shelter/Cave Formation Ro	ck Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering	
Boulder	Boulder	✓ N-S	3. Art	
Wind erosion	Sandstone platform	NE-SW	4. Artefact	
Water erosion	Silica gloss	E-W	5. Burial	
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring	
	Weathered	N/A	7. Conflict	
	Other platform		8. Earth Mound	
Condition of Ceiling Sh	elter Aspect		9. Fish Trap	
Boulder	North		10. Grinding Groove	
Sandstone platform	North East		11. Habitation Structure	
Silica gloss East			12. Hearth	
Tessellated	South East		13. Non Human Bone & Organic Material	
Weathered	South		14. Ochre quarry	
Other platform	South West		15. Potential Archaeological Deposit	
	West		16. Stone Quarry	
	North West		17. Shell	
			18. Stone Arrangement	
			19. Modified Tree	
			20. Water Hole	



Site Dimensions							
Closed Site	Closed Site Dimensions (m)						
Internal length Internal width Shelter height Shelter floor area							
Open Site D	imensions (m)						
	Total length of visible site						
	Average width of visible site						
	Estimated area of visible site						
	Length of assessed site area						

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS12-14 is an artefact scatter located around MGA grid reference 357175 6372186 on Lot 316 of DP755231. The
site is situated across a series of elevated, low gradient rises/spur crests adjacent to Black Waterholes Creek. Identified
artefacts occur principally on unsealed access tracks/ fire trails but also in adjacent erosion exposures. Bordering native
vegetation comprises regenerating Kurri Sand Swamp Woodland. Three loose 'clusters' incorporating 19 (northern), 18
(southern) and 5 (western) artefacts respectively are apparent, with a max observed density of 5 artefacts per m2. Recorded artefacts (n = 42) include 16 complete flakes, 4 proximal flakes, 2 split flakes, 9 flake shatter fragments, 5
flaked pieces, 3 heat shatters, 1 unidirectional core, 1 bifacial core and 1 thumbnail scraper. Silcrete (30) is the dominant
raw material, followed by silicified tuff (9), quartz (2) and quartzite (1). Overall site condition can be characterised as
poor. Relevant disturbance factors include access track / fire trail use, native vegetation clearance and erosion.
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
Title Surname First Name Initials
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
✓ A4 location map
B/W photographs ————————————————————————————————————
✓ Colour photographs
Slides
Aerial photographs Site plans, drawings
Recording tables
Other
Feature inserts-No.
Caluic IIISCIES-INU.

Hydro-AS12-14



Plate 1 Hydro-AS12-14: silcrete bifacial core (left) and unidirectional silicified tuff core (right)



Plate 2 Hydro-AS12-14: silcrete thumbnail scraper



Plate 3 View across part of site Hydro-AS12-14, looking south



Plate 4 View across part of site Hydro-AS12-14, looking southeast



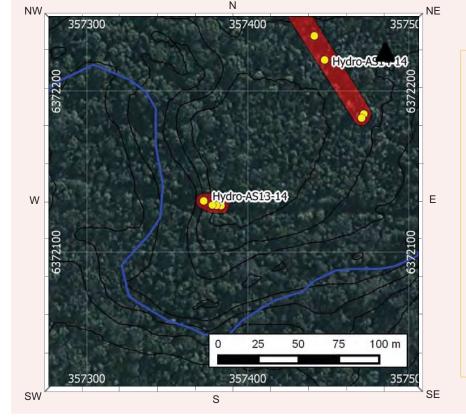


Office Use Only	
Site Number	
Date received/ Date entered into system/ Date catalogued/	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Aboriginal Heritage Offic of Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - A S 1 3 - 1 4	
Easting 3 5 7 3 7 8 Northing 6 3 7 2 1 3 0 AGD/GDA GDA	
Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 George Street Sydney NSW	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Si	te Recording Forn	n - :	Site Informa	atio	on		pag	ge 2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	Landform Unit							
Mountainous	Beach		Tidal Flat	√	Upper slope	St	ream bank	
Plain	Coastal rock platform		Cliff		Plain		ream channel	
✓ Rolling hills	Dune		Crest		Ridge		vamp	
Steep hills	Intertidal flat	1	Flat		Tor		errace	
Undulating plain	Lagoon		Lower slope		Valley flat		errace flat	
	Tidal Creek		Mid slope		Levy		Tabb nat	
Slope			, ima elepe					
degrees								
Vegetation	Land use	Wa	nter					
Closed forest	Conservation	Dis	tance to perman	ent v	water source	25	metres	
Grasslands	Established urban	Dis	tance to tempora	arv w	ater source	220	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1	ack Wa	t
Open forest	Farming-low intensity		me of nearest ter				named	
Open woodland	Forestry				iony mater			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in Hydro-owned buffer zone (private property).					_
			Access via ma	in H	ydro smelter con	nplex, Ha	art Lane, Kurri	_
Cleared	Pastoral/grazing Recreation	Kurri. Contact Hydro Buffer Zone Supervisor for access (02					_	
Revegetated		4937 0667). See attached location map.						
N/A	Semi-rural							_
	Service corridor							_
	✓ Transport corridor				Site Location	Мар		
	Urban expansion	NW	1 1	Т	N	1		NE
	N/A							
Current Land Tenure			_					-
Public National Par	k / other Government		_					
✓ Private								
]	_	S	See Attached Loca	tion Map	1	-
Primary report I.D.	(I.D. Office Use only)		_					
Hydro Aluminium Smelter Site								
Aboriginal Cultural Heritage (AECOM Australia Pty Ltd 201		W						E
(AECONI Australia Pty Ltu 20	4).							
			_					-
			_					-
			_					
		SW			S		1	SE

page 3

Gene	ral Site Information	Features	
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Rock Surface Condition		Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact
Water erosion	Silica gloss	✓ E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole



Site Dimensions					
Closed Site	Dimensions (m)				
	Internal length Internal width Shelter height Shelter floor area				
Open Site D	imensions (m)				
	Total length of visible site Average width of visible site Estimated area of visible site Length of assessed site area				

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS13-14 comprises a low density artefact scatter on an unsealed east-west trending access track/fire trail on Lot
316 of DP755231. The site is situated on the western edge of a level to very gently inclined elevated 'flat' bordered to the
west by a short, moderately inclined simple slope leading down to Black Waterholes Creek c.25 m to the west of the site. Surrounding native vegetation comprises regenerating Kurri Sand Swamp Woodland and Lowland Redgum Forest, with
the latter occurring to the west of the site in association with Black Waterholes Creek. Seven artefacts were identified
along a c.10 m section of the access track at a maximum density of 2 artefacts per m². The westernmost identified
artefact, located on the bordering moderately inclined simple slope, appears to have washed into place from further
upslope. Recorded artefacts (n = 7) include 3 complete flakes (1 x silicified tuff, 2 x silcrete), 2 silcrete heat shatters and
2 silcrete flaked pieces. Overall site condition can be characterised as poor. Relevant disturbance factors include native
vegetation clearance, access track use, ant activity and erosion.
This position should only be filled in by the Endemand
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
Title Surname First Name Initials
Organization
Organisation Address Address
Phone number Fax Fax
Attachments (No.) Comments
✓ A4 location map ———————————————————————————————————
B/W photographs ————————————————————————————————————
✓ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS13-14



Plate 1 View across site Hydro-AS13-14, looking west



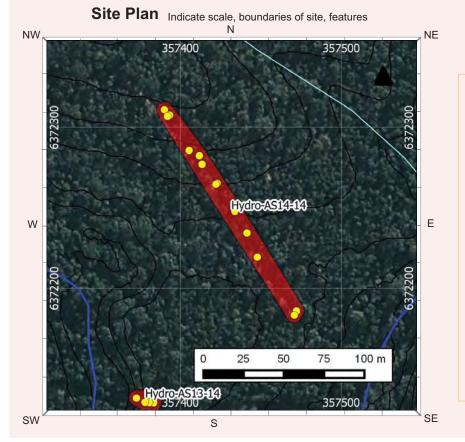


Office Use Only Site Number - -	
Date received / / Date entered into system / / Date catalogued / /	
Entered by (I.D.)	
Information Access	Office Use
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
Title Sumaine This Name military	Client on
Organisation	system
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	0" - 1
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - A S 1 4 - 1 4	
Easting 3 5 7 4 3 2 Northing 6 3 7 2 2 4 7 AGD/GDA GDA	
Mapsheet Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page 2	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	Landform Unit							
Mountainous	Beach		Tidal Flat	√	Upper slope	Str	eam bank	
Plain	Coastal rock platform		Cliff		Plain	H	eam channel	
✓ Rolling hills	Dune		Crest		Ridge		/amp	
Steep hills	Intertidal flat	1	Flat		Tor		rrace	
Undulating plain	Lagoon	1	Lower slope		Valley flat		rrace flat	
	Tidal Creek	1	Mid slope		Levy		nace nat	
Slope			j ima didpo					
degrees								
Vegetation	Land use	Wa	nter					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	60	metres	
Grasslands	Established urban		tance to tempora			90	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		е В 1	ack Wat	
Open forest	Farming-low intensity		me of nearest ter				named	ī
Open woodland	Forestry	, ida	110 01 11001 001 101	npo.	ary water			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pr	vate property).	
			Access via ma	in H	ydro smelter con	nplex, Ha	rt Lane, Kurri	
Cleared	Pastoral/grazing		Kurri. Contact	Hydı	ro Buffer Zone S	uperviso	r for access (02	
Revegetated	Recreation		4937 0667). Se	ee a	ttached location	map.		
N/A	Semi-rural							
[Service corridor							
[✓ Transport corridor				Site Location	Map		
[Urban expansion	NW	T T	ı	N	П	1	NE
	N/A							
Current Land Tenure			_				-	
Public National Parl	k / other Government		_				_	
✓ Private								
		· 	_	S	See Attached Loca	tion Map	5	
Primary report I.D. Hydro Aluminium Smelter Site	(I.D. Office Use only)		_				-	
- Aboriginal Cultural Heritage								
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page 3

Gene	eral Site Information	Features	
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Rock Surface Condition		Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	✓ SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole



Site Dimensions					
Closed Site Dimensions (m)					
	Internal length				
	Internal width				
	Shelter height				
	Shelter floor area				
Open Site D	imensions (m)				
	Total length of visible site				
	Average width of visible site				
	Estimated area of visible site				
	Length of assessed site area				

Aboriginal Community Inte	rpretation and Management Recommendations
Preliminary Site Asses	
Site Cultural & Scientific A	analysis and Preliminary Management Recommendations
	a low density artefact scatter on an unsealed NW-SE trending access track/fire trail on Lot
	is situated on a gently inclined simple slope that transitions towards the southeast into a level
	ated 'flat'. Surrounding native vegetation comprises regenerating Kurri Sand Swamp
	were identified along a c.150 m section of the access track at a maximum density of 2
•	artefacts (n = 7) include 8 complete flakes (3 x silicified tuff, 4 x silcrete and 1 x quartz), 3
	silicified tuff, 1 x silcrete) and two flaked pieces (1 x silcrete, 1 x silicified tuff). Overall site
	sed as poor. Relevant disturbance factors include native vegetation clearance, access track
use and erosion.	
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230 4114 01001011.	
	illed in by the Endorsees
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This section should only be f	wledge Holder Nominated Trustee Native Title Holder Community Consensus
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This section should only be f Endorsed by: Know Title Organisation	wledge Holder Nominated Trustee Native Title Holder Community Consensus
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This section should only be f Endorsed by: Know Title Organisation	wledge Holder Nominated Trustee Native Title Holder Community Consensus
This section should only be findorsed by: Title Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials
This section should only be formal factors and the section should only be formal factors. Title Organisation Address Phone number Attachments (No.)	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
This section should only be formal factors and the section should only be formal factors. Title Organisation Address Phone number Attachments (No.) ✓ A4 location map	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
This section should only be f Endorsed by:	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
This section should only be f Endorsed by: Known Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
This section should only be f Endorsed by: Know Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
This section should only be f Endorsed by:	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
This section should only be f Endorsed by: Know Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
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This section should only be f Endorsed by: Know Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax



Plate 1 View across part of site Hydro-AS14-14, looking north (flags removed)



Plate 2 View across part of site Hydro-AS14-14, looking northwest





Office Use Only	Site Number	
Date received		
Entered by (I.D.		
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	Oli a mata a ma
		Client on system
Organisation		
Address		
Phone number	Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
7 to ong man		
Geographic		
Site Name	H y d r o - A S 1 5 - 1 4	
Easting	3 5 7 5 6 5 Northing 6 3 7 2 1 2 7 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Degistration	
	Other Registration	
Drimon, Do	a a a redar	
Primary Re	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation	A E C O M A u s t r a I i a P t y L t d	Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n -	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform [andform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	St	ream bank
Plain	Coastal rock platform		Cliff		Plain	H	ream channel
✓ Rolling hills	Dune		Crest		Ridge		wamp
Steep hills	Intertidal flat		Flat		Tor		errace
Undulating plain	Lagoon		Lower slope		Valley flat		errace flat
Slope	Tidal Creek	1	Mid slope		Levy		
			a e.e.p.a		,		
degrees							
Vegetation L	and use	Wa	nter				
Closed forest	Conservation	Dis	tance to permane	ent v	water source	5 0	metres
Grasslands	Established urban	Dis	tance to tempora	arv w	ater source		metres
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1	ack Wat
Open forest	Farming-low intensity		me of nearest ter				
Open woodland	Forestry				,		
Scrub	Industrial			Di	irections for Relo	cation	
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pi	ivate property).
✓ Cleared	Pastoral/grazing		Access via ma	in H	ydro smelter con	nplex, H	art Lane, Kurri
Revegetated	Recreation		-				or for access (02
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.	
IN/A	Service corridor						
L							
	✓ Transport corridor				Site Location	Мар	
L	Urban expansion	NW	1 1	1	N	1 1	NE
	N/A						
Current Land Tenure	(/ other Government		_				1
Public Dept.	(/ other Government		_				
✓ Private							
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map	,
Hydro Aluminium Smelter Site			_				-
- Aboriginal Cultural Heritage							_
(AECOM Australia Pty Ltd 201		W	_				_ E
			_				-
			- 1 1	ı	I I		
		SW			S		SE

page 3

Gene	ral Site Information	Features	
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Rock Surface Condition		Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole



Site Dimensions Closed Site Dimensions (m)				
	Internal length Internal width Shelter height Shelter floor area			
Open Site D	imensions (m) Total length of visible site Average width of visible site Estimated area of visible site Length of assessed site area			

PWS Aboriginal Site	
poriginal Community Inte	rpretation and Management Recommendations
reliminary Site Asses	ssment
•	nalysis and Preliminary Management Recommendations
	a low density artefact scatter on an unsealed east-west trending access track/fire trail on Lot
	is situated on a gently to moderately inclined simple slope around 50 m east of Black
	nding native vegetation comprises regenerating Lowland Redgum Forest. Five artefacts were
	tion of the access track at a maximum density of 2 artefacts per m². Recorded artefacts (n =
	te flake, 3 silcrete flake shatter fragments and 1 silcrete heat shatter. Overall site condition
· · · · · · · · · · · · · · · · · · ·	<u> </u>
	or. Relevant disturbance factors include native vegetation clearance, access track use and
rosion.	
ndorsed by: Know	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Know Title Organisation	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Know	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials
Title Organisation	wledge Holder Nominated Trustee Native Title Holder Community Consens
Title Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials
Title Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Title Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Title Organisation Address Phone number ttachments (No.) A4 location map B/W photographs	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Title Organisation Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs Slides	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
ndorsed by: Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings Recording tables	wledge Holder Nominated Trustee Native Title Holder Community Consense Surname First Name Initials Fax
Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials

Hydro-AS15-14



Plate 1 View across site Hydro-AS15-14, looking west



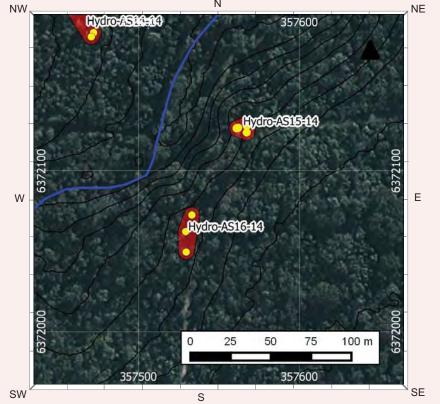


Office Use Only Site Number -	
Date received / / Date entered into system / / Date catalogued / /	
Entered by (I.D.)	
Information Access	Office Use
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
Title Sufficient Tilst Name initials	Client on
Organisation	system
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - A S 1 6 - 1 4	
Easting 3 5 7 5 3 1 Northing 6 3 7 2 0 6 1 AGD/GDA GDA	
Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page 2	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	Landform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Sti	ream bank	
Plain	Coastal rock platform		Cliff		Plain		ream channel	
✓ Rolling hills	Dune		Crest		Ridge		vamp	
Steep hills	Intertidal flat		Flat		Tor	H	errace	
Undulating plain	Lagoon		Lower slope		Valley flat		rrace flat	
	Tidal Creek	1	Mid slope		Levy		Trace hat	
Slope			j iviid elepe] 2019			
degrees								
Vegetation	Land use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	4 0	metres	
Grasslands	Established urban		tance to tempora				metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1	ack Wat	
Open forest	Farming-low intensity		me of nearest ter					Ī
Open woodland	Forestry	Ita		npo.	ary water			
Scrub	Industrial			Di	rections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pr	ivate property).	
			Access via mai	in H	ydro smelter con	nplex, Ha	art Lane, Kurri	
Cleared	Pastoral/grazing		Kurri. Contact I	Hydı	ro Buffer Zone S	uperviso	r for access (02	
Revegetated	Recreation		4937 0667). Se	ee a	ttached location	map.		
N/A	Semi-rural							
	Service corridor							
	✓ Transport corridor				Site Location	Map		
	Urban expansion	NW	1 1	- 1	N		N	ΝE
	N/A							
Current Land Tenure			_				-	
Public National Par	k / other Government						_	
✓ Private								
			_	S	ee Attached Loca	tion Map	-	
Primary report I.D.	(I.D. Office Use only)							
Hydro Aluminium \$melter Site								
- Aboriginal Cultural Heritage		W					_ [Ε
(AECOM Australia Pty Ltd 201	4).							
			_				-	
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		SW			S		S	SE

page 3

Gener	al Site Information	Features	
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Rock Surface Condition		Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	✓ N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling S	helter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole



Site Dimensions					
Closed Site	Closed Site Dimensions (m)				
	Internal length Internal width Shelter height Shelter floor area				
Open Site D	Dimensions (m)				
	Total length of visible site				
	Average width of visible site				
	Estimated area of visible site				
	Length of assessed site area				

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
The region of th
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS16-14 comprises a low density artefact scatter on an unsealed north-south trending access track/fire trail on Lot
316 of DP755231. The site is situated on a gently inclined simple slope approximately 40 southeast of Black Waterholes
Creek. Surrounding native vegetation comprises regenerating Lowland Redgum Forest. Three artefacts were identified
along a c.20 m section of the access track at a maximum density of 1 artefact per m². Recorded artefacts include 2
complete silicified tuff flakes and 1 silcrete flaked piece. Overall site condition can be characterised as poor. Relevant
disturbance factors include native vegetation clearance, access track use and erosion.
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
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
A4 location map
B/W photographs
▼ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS16-14



Plate 1 View across site Hydro-AS16-14, looking north





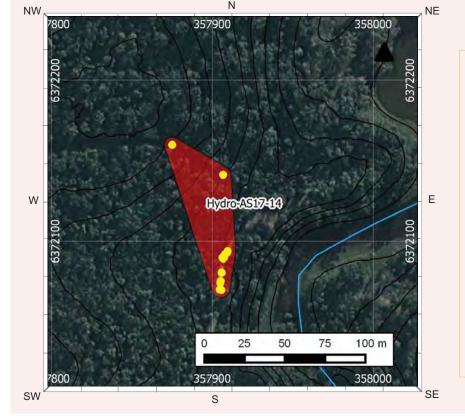
Office Use Only	
Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Cooperation	
Geographic Location	
Site Name H y d r o - A S 1 7 - 1 4	
Easting 3 5 7 8 9 7 Northing 6 3 7 2 1 1 9 AGD/GDA GDA	
Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0	
Date recorded D2/07/2014	

NPWS Aboriginal Sit	te Recording Forn	n -	Site Informa	atio	on		page	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	_andform Unit							
Mountainous	Beach		Tidal Flat	√	Upper slope	Stre	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
✓ Rolling hills	Dune		Crest		Ridge		amp	
Steep hills	Intertidal flat		Flat		Tor		race	
Undulating plain	Lagoon	1	Lower slope		Valley flat		race flat	
	Tidal Creek	1	Mid slope		Levy		idoo iidt	
Slope			j ima elepe					
degrees								
Vegetation I	_and use	Wa	iter					
Closed forest	Conservation	Dis	tance to perman	ent v	water source	120	metres	
Grasslands	Established urban	Dis	tance to tempora	arv w	ater source	50	metres	
Isolated clumps of trees	Farming-intensive		ne of nearest pe	•		e B 1 a	ıck Wat	
Open forest	Farming-low intensity		ne of nearest ter				named	
Open woodland	Forestry				,			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pri	/ate property).	
			Access via ma	in H	ydro smelter con	nplex, Ha	t Lane, Kurri	
Cleared	Pastoral/grazing Recreation		Kurri. Contact	Hyd	ro Buffer Zone S	upervisor	for access (02	
Revegetated			4937 0667). Se	ee a	ttached location	map.		
N/A	Semi-rural							
	Service corridor							
L	✓ Transport corridor				Site Location	Мар		
Ĺ	Urban expansion	NW	1 1	-	N	•	1 1	NE
	N/A							
Current Land Tenure	. / - 41		_					-
Public Dept.	c / other Government		_					-
✓ Private								
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map		-
Hydro Aluminium Smelter Site			_					-
- Aboriginal Cultural Heritage								Е
(AECOM Australia Pty Ltd 201		W	_					
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			_					-
			_	I				-
		SW			S	, ,		SE

page 3

Gene	ral Site Information	Features	
Closed Site Open S		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Rock Surface Condition		Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	✓ N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features N



Site Dime	nsions
Closed Site	Dimensions (m)
	Internal length Internal width Shelter height Shelter floor area
Open Site D	imensions (m)
	Total length of visible site Average width of visible site Estimated area of visible site Length of assessed site area

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS17-14 comprises a low density artefact scatter on an unsealed access track/fire trail on Lot 317 of DP755231.
The site is situated on a gently to very gently inclined simple slope to the west of an unnamed 2nd order tributary of
Black Waterholes Creek. Surrounding native vegetation comprises regenerating Lowland Redgum Forest and Kurri Sand Swamp Woodland. Three artefacts were identified along a c.125 m section of the access track in two loose 'clusters'.
The smaller of the two clusters contains only 2 artefacts (c.35 m apart). The larger cluster contains 12 artefacts, with a
maximum observed density of 4 artefacts per m2. Recorded artefacts (n = 14) include 5 complete flakes (3 x silcrete, 2 x
silicified tuff), 1 proximal silcrete flake, 1 silcrete flake shatter fragment and seven silcrete heat shatters. Overall site
condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance, access track
use, ant activity and erosion.
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
Title Surfame Trist Name initials
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
A4 location map
B/W photographs —
✓ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS17-14



Plate 1 View across part of site Hydro-AS17-14, looking south



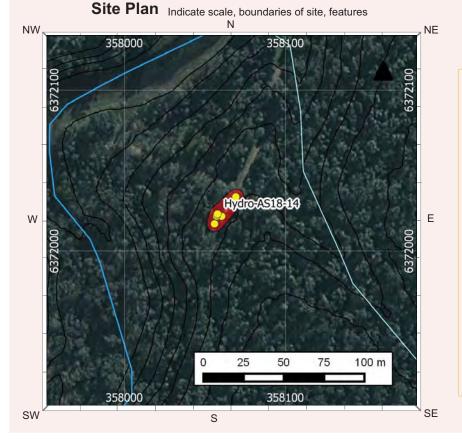


Office Use Only					
Site Number					
Date received Date entered into system Date catalogued					
Entered by (I.D.)					
Information Access					
Gender/male Gender/female Location restriction General restriction No access	Office Use Only				
For Further Information Contact:					
Nominated Trustee					
Title Surname First Name Initials					
	Client on				
Organisation	system				
Address Address					
Phone number Fax Fax					
Knowledge Holder					
Title Surneme First Name Initials	N: 4				
	Client on system				
Organisation					
Address					
Phone number Fax					
Aboriginal Heritage Unit or Cultural Heritage Division Contacts					
Geographic Location					
Site Name H y d r o - A S 1 8 - 1 4					
Easting 3 5 8 0 6 2 Northing 6 3 7 2 0 2 5 AGD/GDA GDA					
Mapsheet Map					
Zone 56 Location Method Differential GPS					
Other Registration					
Other Registration					
Duimon, Doggador					
Primary Recorder Title Surname First Name Initials					
Dr McLaren Andrew					
Organisation A E C O M A u s t r a I i a P t y L t d	Client on				
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system				
Phone number 8 9 3 4 0 0 0 0					
Date recorded 02/07/2014					

NPWS Aboriginal Site Recording Form - Site Information page 2								
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	_andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Str	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
✓ Rolling hills	Dune		Crest		Ridge		amp	
Steep hills	Intertidal flat		Flat		Tor		rrace	
Undulating plain	Lagoon		Lower slope		Valley flat		rrace flat	
	Tidal Creek	1	Mid slope		Levy		idoo iidt	
Slope		_	j iviid didpo] 2019			
degrees								
Vegetation I	_and use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	vater source	130	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	80	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1 a	ack Wat	
Open forest	Farming-low intensity		me of nearest ter				named	\equiv
Open woodland	Forestry				aly mate.			
Scrub	Industrial			Di	rections for Relo	cation		
Woodland	Mining	Site located in Hydro-owned buffer zo		zone (pri	vate property).			
			Access via ma	in H	ydro smelter con	nplex, Ha	rt Lane, Kurri	
Cleared	Pastoral/grazing Recreation		Kurri. Contact l	Hydı	ro Buffer Zone S	upervisor	for access (02	
Revegetated			4937 0667). Se	ee a	ttached location	map.		
N/A	Semi-rural							
	Service corridor							
	✓ Transport corridor				Site Location	Мар		
	Urban expansion	NW	1 1	I	N		1 1	NE
	N/A							
Current Land Tenure			_					-
Public National Parl	k / other Government							
✓ Private								
] .	_	S	ee Attached Loca	tion Map		-
Primary report I.D.	(I.D. Office Use only)							
Hydro Aluminium Smelter Site								
Aboriginal Cultural Heritage (ΑΕCΦΜ Australia Pty Ltd 201		W						. E
(AECONI Australia Pty Ltd 201	4).							
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			_					-
			_					-
								-
		SW			S	1		SE

page 3

General Site Information Features Closed Site Open Site 1. Aboriginal Ceremony & Dreaming 2. Aboriginal Resource & Gathering Shelter/Cave Formation Rock Surface Condition **Site Orientation** Boulder Boulder N-S 3. Art NE-SW Wind erosion Sandstone platform 4. Artefact Water erosion Silica gloss E-W 5. Burial Rock collapse Tessellated SE-NW 6. Ceremonial Ring Weathered N/A 7. Conflict Other platform 8. Earth Mound 9. Fish Trap **Condition of Ceiling Shelter Aspect** 10. Grinding Groove Boulder North 11. Habitation Structure Sandstone platform North East 12. Hearth Silica gloss East 13. Non Human Bone & Organic Material South East Tessellated 14. Ochre quarry Weathered South 15. Potential Archaeological Deposit Other platform South West 16. Stone Quarry West 17. Shell North West 18. Stone Arrangement 19. Modified Tree 20. Water Hole



Site Dimensions							
Closed Site	Dimensions (m)						
	Internal length						
	Internal width						
	Shelter height						
	Shelter floor area						
Open Site D	Open Site Dimensions (m)						
	Total length of visible site						
	Average width of visible site						
	Estimated area of visible site						
	Length of assessed site area						

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
The right and th
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS18-14 comprises a low density artefact scatter on an unsealed north-south trending access track/fire trail on Lot
317 of DP755231. The site is situated on a gently inclined simple slope to the east of an unnamed 2nd order tributary of
Black Waterholes Creek. Surrounding native vegetation comprises regenerating Lowland Redgum Forest. Six artefacts
were identified along a c.20 m section of the access track at a maximum density of 2 artefacts per m² . Recorded
artefacts (n = 6) include 3 complete FGS flakes, 2 heat shatters (1 x silcrete, 1 x silicified tuff) and 1 silcrete flaked piece.
Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance,
access track use and erosion.
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
Organisation Organisation
Address
Phone number Fax Fax
Attachments (No.) Comments
A4 location map
B/W photographs ————————————————————————————————————
✓ Colour photographs ————————————————————————————————————
Slides
Aerial photographs ————————————————————————————————————
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS18-14



Plate 1 Hydro-AS18-14: FSG flakes



Plate 2 View across site Hydro-AS18-14, looking northeast

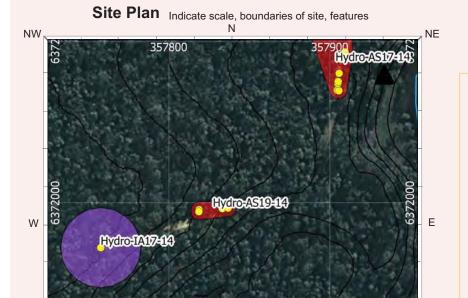




Office Use Only	Site Number	
Date received		
Entered by (I.D.		
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	Oli a mata a ma
		Client on system
Organisation		
Address		
Phone number	Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
7 to ong man		
Geographic		
Site Name	H y d r o - A S 1 9 - 1 4	
Easting	3 5 7 8 2 7 Northing 6 3 7 1 9 9 6 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Degistration	
	Other Registration	
Drimon, Do	a a a redar	
Primary Re	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation	A E C O M A u s t r a l i a P t y L t d	Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Site Recording Form - Site Information page 2					2			
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform L	andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
✓ Rolling hills	Dune		Crest		Ridge		amp	
Steep hills	Intertidal flat		Flat		Tor		race	
Undulating plain	Lagoon	1	Lower slope		Valley flat		race flat	
Slope	Tidal Creek		Mid slope		Levy			
			a opa		, ,			
degrees								
Vegetation L	and use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	vater source	250	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	100	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1 a	ck Wat	:
Open forest	Farming-low intensity		me of nearest ter				named	
Open woodland	Forestry				,			
Scrub	Industrial			Di	rections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priv	vate property).	
✓ Cleared	Pastoral/grazing	Access via main Hydro smelter complex, Hart Lane, Kurri			t Lane, Kurri			
Revegetated	Recreation				ro Buffer Zone S	•	for access (02	
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		
IN/A	Service corridor							
	Transport connact				Site Location	Мар		
	Urban expansion	NW	1 1		N	1	1 1	NE
	N/A							
Current Land Tenure	/ other Government		_					-
Public Dept.	. / otner Government							-
✓ Private								
Primary report I.D.	(I.D. Office Use only)			S	ee Attached Loca	tion Map		-
Hydro Aluminium Smelter Site								_
- Aboriginal Cultural Heritage								_
(AECOM Australia Pty Ltd 201		W	_					. E
								_
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				I				-
		SW			S			SE

page 3



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100 m

Site Dimensions							
Closed Site Dimensions (m)							
Internal length Internal width Shelter height Shelter floor area							
Open Site D	imensions (m)						
	Total length of visible site						
	Average width of visible site						
	Estimated area of visible site						
Length of assessed site area							

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
The regime community many products and management recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS19-14 comprises a low density artefact scatter on an unsealed NE-SW trending access track/fire trail on Lot
317 of DP755231. The site is situated on a gently inclined simple slope to the north of an unnamed 2nd order tributary of
Black Waterholes Creek. Surrounding native vegetation comprises regenerating Kurri Sand Swamp Woodland. Four
artefacts were identified along a c.20 m section of the access track at a maximum density of 2 artefacts per m ² .
Recorded artefacts include 2 complete flakes (1 x silcrete, 1 x silicified tuff), 1 silcrete flake shatter fragment and 1
silcrete heat shatter. Overall site condition can be characterised as poor. Relevant disturbance factors include native
vegetation clearance, access track use and significant erosion.
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
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
A4 location map
B/W photographs —
✓ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS19-14



Plate 1 View across site Hydro-AS19-14, looking northeast





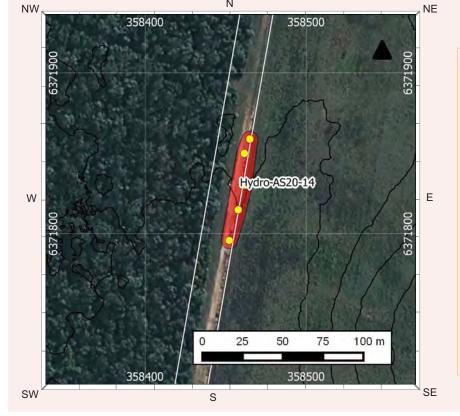
Office Use Only	Site Number	
Date received		
Entered by (I.D.		
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	Oli a mata a ma
		Client on system
Organisation		
Address		
Phone number	Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
7 to ong man		
Geographic		
Site Name	H y d r o - A S 2 0 - 1 4	
Easting	3 5 8 4 5 9 Northing 6 3 7 1 8 2 8 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Degistration	
	Other Registration	
Drimon, Do	a a a redar	
Primary Re	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation	A E C O M A u s t r a I i a P t y L t d	Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Site Recording Form - Site Information page 2							
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform La	andform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	Stre	am bank
Plain	Coastal rock platform		Cliff		Plain		am channel
Rolling hills	Dune		Crest		Ridge	Swa	
Steep hills	Intertidal flat	1	Flat		Tor	Terr	·
✓ Undulating plain	Lagoon	Ť	Lower slope		Valley flat		ace flat
Slope	Tidal Creek		Mid slope		Levy		
degrees			.		_ · •		
degrees							
Vegetation La	and use	Wa	iter				
Closed forest	Conservation	Dis	tance to permane	ent v	water source	335	metres
Grasslands	Established urban	Dis	tance to tempora	ıry w	ater source	260	metres
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e Swa	mp Ck
Open forest	Farming-low intensity		ne of nearest ter				am e d
Open woodland	Forestry				,		
Scrub	Industrial			Di	irections for Relo	cation	
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priv	ate property).
✓ Cleared	Pastoral/grazing		Access via 'Wa	anga	ra' property, off I	Main Road	l, south of
Revegetated	Recreation				Contact Hydro B		
N/A	Semi-rural		access (02 493	37 00	667). See attach	ed locatior	n map.
IV/A	Service corridor						
					Site Location	Мар	
_	Urban expansion	NW	1 1	-	N	1 1	NE
	N/A						
Current Land Tenure	/ other Government		_				-
Public Dept.	/ other Government		_				-
✓ Private							
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map	-
Hydro Aluminium Smelter Site			_				
Land - Aboriginal Cultural Herita							_
(AECOM Australia Pty Ltd 2014		W	_				_ E
			_				
			_				-
			=				
		-	- 1 1	I	l I	1 1	
		SW			S		SE

page 3

Gene	eral Site Information	Features	
Closed Site Open S		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	✓ N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions								
Closed Site	Dimensions (m)							
	Internal length Internal width Shelter height Shelter floor area							
Open Site D	imensions (m)							
	Total length of visible site							
	Average width of visible site							
	Estimated area of visible site							
	Length of assessed site area							

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS20-14 comprises a low density artefact scatter on and adjacent to an unsealed north-south trending access
track/fire trail running along the eastern boundary of Lot 317 on DP755231. The site is situated on the eastern side of the
broad, level to very gently inclined 'plateau' that houses the Hydro smelter complex at its southern end. Native vegetation
to the west of the site comprises regenerating Kurri Sand Swamp Woodland. Five artefacts were identified along a c.65
m section of the access track and adjacent deflated spoil pile at a maximum density of 1 artefact per m². The spoil pile is
associated with a drainage channel constructed parallel and adjacent to the access track. Recorded artefacts (n = 5)
include 1 complete silcrete flake, 2 split flakes (1 x silcrete, 1 x silicified tuff) and 2 flake shatter fragments (1 x silcrete, 1
x silicified tuff). Overall site condition can be characterised as poor. Relevant disturbance factors include native
vegetation clearance, access track use, earthworks and erosion.
This section should only be filled in by the Endorsees
Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensu
Title Surname First Name Initials
Organisation
Address
Attachments (No.) Comments
A4 location map
B/W photographs ————————————————————————————————————
Colour photographs ————————————————————————————————————
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS20-14



Plate 1 View across site Hydro-AS20-14, looking south





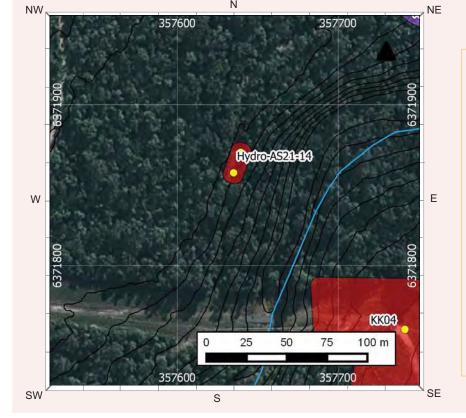
Office Use Only	
Site Number	
Date received/ Date entered into system/ Date catalogued/	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number Fax Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - A S 2 1 - 1 4	
Easting 3 5 7 6 3 7 Northing 6 3 7 1 8 6 4 AGD/GDA GDA	
Mapsheet Map	
Zone 56 Location Method Differential GPS	
Other Registration	
Drimon, Doggrdon	
Primary Recorder Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded D2/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n -	Site Informa	atio	on		pag	e 2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform L	andform Unit							
Mountainous	Beach		Tidal Flat	√	Upper slope	Stre	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
✓ Rolling hills	Dune		Crest		Ridge		amp	
Steep hills	Intertidal flat		Flat		Tor	H	race	
Undulating plain	Lagoon		Lower slope		Valley flat		race flat	
Slope	Tidal Creek		Mid slope		Levy			
			a e.e.p.a		,			
degrees								
Vegetation L	and use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	270	metres	
Grasslands	Established urban	Dis	tance to tempora	ary w	ater source	60	metres	
Isolated clumps of trees	Farming-intensive	Nai	me of nearest pe	rma	nent water sourc	e B l a	ack Wat	t
Open forest	Farming-low intensity	Nai	me of nearest ter	npo	rary water	Unn	named	
Open woodland	Forestry							
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining				ro-owned buffer			_
✓ Cleared	Pastoral/grazing				ydro smelter com	•		_
Revegetated	Recreation				ro Buffer Zone S	•	for access (02	-
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		_
	Service corridor							-
<u> </u>	✓ Transport corridor							-
Ī	Urban expansion				Site Location	Мар		
	N/A	NW	1 1	ı	N	1 1	1 1	NE
O 4 T	14/74		_					-
Current Land Tenure National Park	/ other Government							
Public Dept.			_					-
✓ Private								
Primary report I.D.	(I.D. Office Use only)			5	See Attached Loca	tion Map		
Hydro Aluminium Smelter Site	& Associated Buffer Land		_					1
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(AECOM Australia Pty Ltd 201	4).							
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								-
		SW			S			SE

page 3

Genera	I Site Information		Features
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Ro	ck Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	✓ N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling Sh	elter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered South		14. Ochre quarry	
Other platform	South West		15. Potential Archaeological Deposit
West			16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
		19. Modified Tree	
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features N



Site Dimer	nsions						
Closed Site I	Dimensions (m)						
	Internal length Internal width						
	Shelter height Shelter floor area						
Open Site Dimensions (m)							

Open Site	Dime	nsions	(m)
-----------	------	--------	-----

Total length of visible site
Average width of visible site
Estimated area of visible site

Length of assessed site area

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Theoriginal community morprotation and management recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS21-14 comprises an artefact scatter on an unsealed north-south trending access track/fire trail running - at this
point along its course - along the boundary of Lots 316 and 317 of DP755231. The site is situated on a gently inclined
simple slope on the eastern side of a level to very gently inclined elevated 'flat' or plateau to the northwest of the existing
Hydro smelter complex. An unnamed 2nd order tributary of Black Waterholes Creek is located around 60 m to the west
of the site. Surrounding native vegetation comprises regenerating Kurri Sand Swamp Woodland (to the west) and
Lowland Redgum Forest (to the east). The site comprises two artefacts - both complete flakes (1 x silcrete, 1 x silicified
tuff) - approximately 13 m apart. Overall site condition can be characterised as poor. Relevant disturbance factors
include native vegetation clearance, access track use and erosion.
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
Organisation
Address
Phone number Fax Fax
Attachments (No.) Comments
✓ A4 location map
B/W photographs ————————————————————————————————————
Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other Other
Feature inserts-No.

Hydro-AS21-14



Plate 1 Hydro-AS21-14: silcrete flake



Plate 2 View across site Hydro-AS21-14, looking south



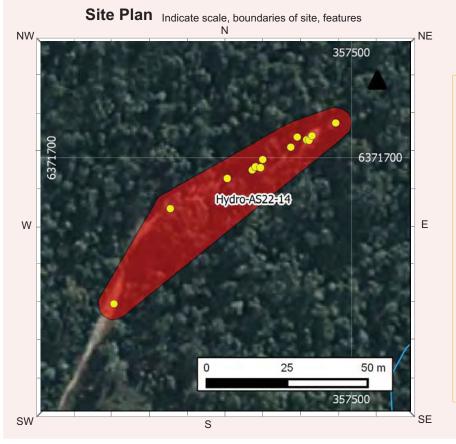


Office Use Only	
Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
	Office Use Only
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Title Surname First Name Initials	
Title Surraine Trist value initials	Oliont on
Organization	Client on system
Organisation Address Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Congraphia Location	_
Geographic Location	
Site Name H y d r o - A S 2 2 - 1 4	
Easting 3 5 7 4 5 8 Northing 6 3 7 1 6 8 5 AGD/GDA GDA	
Mapsheet	_
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	7
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 George Street Sydney NSW	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Site	e Recording Forn	n -	Site Informa	atio	on		page	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform La	andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Str	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
Rolling hills	Dune		Crest		Ridge		/amp	
Steep hills	Intertidal flat		Flat		Tor		rrace	
✓ Undulating plain	Lagoon	1	Lower slope		Valley flat		rrace flat	
Slope	Tidal Creek		Mid slope		Levy			
			a opa		, ,			
degrees								
Vegetation La	and use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	vater source	3 4 0	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	70	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1 a	ack Ck	
Open forest	Farming-low intensity		me of nearest ter				n a m e d	
Open woodland	Forestry				,			
Scrub	Industrial			Di	rections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pri	vate property).	
✓ Cleared	Pastoral/grazing		Access via mai	in H	ydro smelter con	nplex, Ha	rt Lane, Kurri	
✓ Revegetated	Recreation		-		ro Buffer Zone S		for access (02	
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		
IN/A	Service corridor							
<u> </u>					Site Location	Мар		
	Urban expansion	NW	1 1		N 1	1 1	1 1	NE
	N/A							
Current Land Tenure	/ other Government		_					-
Public Dept.	/ other Government							-
✓ Private								
Primary report I.D.	(I.D. Office Use only)			S	ee Attached Loca	tion Map		-
Hydro Aluminium Smelter Site &								
- Aboriginal Cultural Heritage A								_
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		SW			S	1	1	SE

page 3

General Site Information Features Closed Site Open Site 1. Aboriginal Ceremony & Dreaming 2. Aboriginal Resource & Gathering Shelter/Cave Formation Rock Surface Condition **Site Orientation** Boulder Boulder N-S 3. Art **√** NE-SW Wind erosion Sandstone platform 4. Artefact Water erosion Silica gloss E-W 5. Burial Rock collapse Tessellated SE-NW 6. Ceremonial Ring Weathered N/A 7. Conflict 8. Earth Mound Other platform 9. Fish Trap **Condition of Ceiling Shelter Aspect** 10. Grinding Groove Boulder North 11. Habitation Structure Sandstone platform North East 12. Hearth Silica gloss East 13. Non Human Bone & Organic Material South East Tessellated 14. Ochre quarry Weathered South 15. Potential Archaeological Deposit Other platform South West 16. Stone Quarry West 17. Shell North West 18. Stone Arrangement 19. Modified Tree 20. Water Hole



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									
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	Site Dimensions								
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	Closed Site Dimensions (m)								
Total length of visible site Average width of visible site Estimated area of visible site	Internal width Shelter height								
Average width of visible site Estimated area of visible site	Open Site Dimensions (m)								
	Average width of visible site Estimated area of visible site								

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Preliminary Site Assessment Site Cultural & Scientific Analysis and Breliminary Management Becommendations
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS22-14 consists of a low density artefact scatter on an unsealed access track/fire trail on Lot 319 of DP755231. The site is situated on a gently inclined simple slope approximately 150 m northwest of the existing Hydro smelter
complex and c.70 to 90 m west of an unnamed 2nd order tributary of Black Waterholes Creek. Surrounding native
vegetation comprises regenerating Kurri Sand Swamp Woodland and Broad-leaved Ironbark Forest. Thirteen artefacts
were identified along a c.95 m section of the access track at a maximum density of 2 artefacts per m² . Recorded
artefacts (n = 13) include 4 complete flakes, 3 proximal flakes, 4 flake shatter fragments, 1 flaked piece and1 heat
shatter. All but one artefact - manufactured out of silicified tuff - were made out of silcrete. Overall site condition can be
characterised as poor. Relevant disturbance factors include native vegetation clearance, access track use and erosion.
This section should only be filled in by the Endorsees
Endorsed by:
This real states are a second and a second are a second and a second are a second a
Organisation Organisation
Address
Phone number Fax
A4 location map
B/W photographs —
✓ Colour photographs
Slides
Aerial photographs Oite place drawings
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS22-14



Plate 1 View across part of site Hydro-AS22-14, looking southwest





Office Use Only	Site Number	
Date received		
Entered by (I.D.		
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	Oli a mata a ma
		Client on system
Organisation		
Address		
Phone number	Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
7 to ong man		
Geographic		
Site Name	H y d r o - A S 2 3 - 1 4	
Easting	3 5 8 4 7 6 Northing 6 3 7 1 5 6 3 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Degistration	
	Other Registration	
Drimon, Do	a a a redar	
Primary Re	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation	A E C O M A u s t r a l i a P t y L t d	Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Site	e Recording Forn	n - :	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform La	andform Unit						
Mountainous	Beach		Tidal Flat	√	Upper slope	St	ream bank
Plain	Coastal rock platform		Cliff		Plain		ream channel
Rolling hills	Dune		Crest		Ridge		vamp
Steep hills	Intertidal flat		Flat		Tor		errace
✓ Undulating plain	Lagoon		Lower slope		Valley flat		errace flat
Slope	Tidal Creek		Mid slope		Levy		Traise man
			,a elepe				
degrees							
Vegetation La	and use	Wa	iter				
Closed forest	Conservation	Dis	tance to perman	ent v	water source	210	metres
Grasslands	Established urban	Dis	tance to tempora	arv w	ater source		metres
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e S w	amp Ck
Open forest	Farming-low intensity		ne of nearest ter				
Open woodland	Forestry				iony mater		
Scrub	Industrial			Di	irections for Relo	cation	
Woodland	Mining		Site located in	elec	tricity easement	in Hydro	o-owned buffer
			zone (private p	rope	erty). Access via	main Hy	dro smelter
✓ Cleared	Pastoral/grazing Recreation		complex, Hart	Lan	e, Kurri Kurri. Co	ntact Hy	dro Buffer Zone
Revegetated			Supervisor for	acce	ess (02 4937 066	67). See	attached location
N/A	Semi-rural		map.				
<u></u>	Service corridor						
	Transport corridor				Site Location	Мар	
	Urban expansion	NW		-	N	-	NE
	N/A						
Current Land Tenure	/ - 41		_				_
Public Dept.	/ other Government		_				_
✓ Private							
Primary report I.D.	45.0% 11.11		_	5	See Attached Loca	tion Map	-
Hydro Aluminium Smelter Site	(I.D. Office Use only)		_				
Land - Aboriginal Cultural Herita							
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page 3

General Site Information			Features
Closed Site Open Site			1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Rock Surface Condition		Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	✓ SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions				
Closed Site	Dimensions (m)			
	Internal length			
	Shelter height			
	Shelter floor area			
Open Site D	imensions (m)			
	Total length of visible site			
	Average width of visible site			
	Estimated area of visible site			
	Length of assessed site area			

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
The regions of the region of t
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS23-14 comprises an artefact scatter on an unsealed access track on Lot 2 of DP233125. The site is situated in
heavily eroded section of track immediately southeast of the junction of three access tracks. The landscape position of
the site is that of a gently inclined simple slope approximately 210 m west of Swamp Creek. Surrounding native
vegetation comprises regenerating Lowland Redgum Forest (to the south) and Kurri Sand Swamp Woodland (isolated
block to the north). Four artefacts were identified during survey: 3 complete flakes (2 silcrete, 1 silicified tuff) and a
broken silicified tuff Bondi point. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance, access track use and significant erosion.
Trative vegetation clearance, access track use and significant erosion.
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
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
✓ A4 location map
B/W photographs —
✓ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS23-14



Plate 1 Hydro-AS23-14: broken silicified tuff Bondi point



Plate 2 View across site Hydro-AS23-14, looking southeast





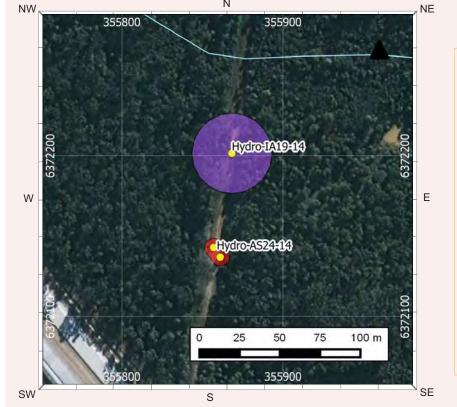
Office Use Only Site Number - -	
Date received / / Date entered into system / / Date catalogued / /	
Entered by (I.D.)	
Information Access	Office Use
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
Title Sumaine Tilst value Initials	Client on
Organisation	system
Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - A S 2 4 - 1 4	
Easting 3 5 5 8 5 9 Northing 6 3 7 2 1 4 0 AGD/GDA GDA	
Mapsheet Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a l i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n - :	Site Informa	atio	on		pag	ge 2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform L	andform Unit							
Mountainous	Beach		Tidal Flat	√	Upper slope	Str	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
✓ Rolling hills	Dune		Crest		Ridge		amp	
Steep hills	Intertidal flat		Flat		Tor		rrace	
Undulating plain	Lagoon		Lower slope		Valley flat		rrace flat	
Slope	Tidal Creek		Mid slope		Levy			
					,			
degrees								
Vegetation L	and use	Wa	ater					
Closed forest	Conservation	Dis	tance to perman	ent v	water source	610	metres	
Grasslands	Established urban	Dis	tance to tempora	ary w	ater source	120	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1 a	ack Wa	t
Open forest	Farming-low intensity		me of nearest ter				named	
Open woodland	Forestry							
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pri	vate property).	_
✓ Cleared	Pastoral/grazing				ydro smelter con	•		_
Revegetated	Recreation				ro Buffer Zone S	•	for access (02	_
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		_
IVA	Service corridor							-
	✓ Transport corridor							-
	Urban expansion				Site Location	Мар		
		NW	1 1	ı	N	l l	1 1	NE
L	N/A							
Current Land Tenure	/ other Government							
Public Dept.	7 other Government							-
✓ Private								
Primary report I.D.	(I.D. Office Use only)	·	_	S	See Attached Loca	tion Map		-
Hydro Aluminium Smelter Site								-
- Aboriginal Cultural Heritage		201						Е
(AECOM Australia Pty Ltd 201		W	_					_
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			_					
		-						-
		SW			S			SE

page 3

Genera	I Site Information	Features	
Closed Site Open Site			1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Roo	k Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	✓ SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling Sh	elter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features N



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				

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
-
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS24-12 consists of an artefact scatter on an unsealed, north-south trending access track/fire trail that runs along
the boundary of Lots 10 and 11 of DP1082775. The site is situated on a gently inclined simple slope overlooking (to the
north) an unnamed 1st order drainage depression. Surrounding native vegetation comprises regenerating Broad-leaved
Ironbark Forest. The site comprises two artefacts - one complete silcrete flake and one proximal silicified tuff flake -
approximately 7 m apart. Overall site condition can be characterised as poor. Relevant disturbance factors include native
vegetation clearance, access track/fire trail use and significant erosion.
This section should only be filled in by the Endorsees
Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensu
Title Surname First Name Initials
The Guinante Tribertains Indian
Organisation Organisation
Address
Phone number Fax Fax
Attachments (No.) Comments
A4 location map
B/W photographs ————————————————————————————————————
✓ Colour photographs ————————————————————————————————————
Slides
Aerial photographs ————————————————————————————————————
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS24-14



Plate 1 Hydro-AS24-14: broken silicified tuff flake



Plate 2 Hydro-AS24-14: silcrete flake



Plate 3 View across site Hydro-AS24-14, looking north





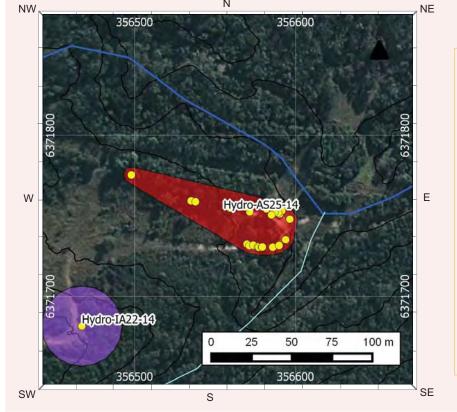
Office Use Only	
Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	01:
	Client on system
Organisation Organisation	
Address	
Phone number Fax Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - A S 2 5 - 1 4	
Easting 3 5 6 5 5 5 Northing 6 3 7 1 7 5 3 AGD/GDA GDA	
Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder Title Surname First Name Initials	
Title Surname First Name Initials D r M c L a r e n A n d r e w D D D D D D D D D D D D D D D D D D	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded D2/07/2014	

NPWS Aboriginal Sit	te Recording Forn	n -	Site Informa	atio	on		pag	ge 2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	_andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	St	ream bank	
Plain	Coastal rock platform		Cliff		Plain		ream channel	
✓ Rolling hills	Dune	1	Crest		Ridge		vamp	
Steep hills	Intertidal flat		Flat		Tor		errace	
Undulating plain	Lagoon		Lower slope		Valley flat		errace flat	
Slope	Tidal Creek		Mid slope		Levy			
			a opa		,			
degrees								
Vegetation I	_and use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	20	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	15	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1	ack Wa	t
Open forest	Farming-low intensity		me of nearest ter				named	
Open woodland	Forestry			•	,			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pr	ivate property).	_
✓ Cleared	✓ Pastoral/grazing		<u> </u>		ydro smelter con			_
Revegetated	Recreation				ro Buffer Zone S	•	r for access (02	_
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		_
	Service corridor							_
L	=							-
L	Transport corridor				Site Location	Мар		
L	Urban expansion	NW	1 1	ı	N	1 1	1 1	NE
	N/A							
Current Land Tenure	⟨ / other Government ⟩		_					-
Public Dept.	(7 other Government							-
✓ Private								
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map)	-
Hydro Aluminium Smelter Site								-
- Aboriginal Cultural Heritage								Е
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			_					-
			_					-
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		SW			S			SE

page 3

General Site Information			Features		
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming		
Shelter/Cave Formation Ro	ck Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering		
Boulder	Boulder	N-S	3. Art		
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact		
Water erosion	Silica gloss	E-W	5. Burial		
Rock collapse	Tessellated	✓ SE-NW	6. Ceremonial Ring		
	Weathered	N/A	7. Conflict		
	Other platform		8. Earth Mound		
Condition of Ceiling SI	nelter Aspect		9. Fish Trap		
Boulder	North		10. Grinding Groove		
Sandstone platform	North East		11. Habitation Structure		
Silica gloss	East		12. Hearth		
Tessellated	South East		13. Non Human Bone & Organic Material		
Weathered	South		14. Ochre quarry		
Other platform	South West		15. Potential Archaeological Deposit		
West		16. Stone Quarry			
North West			17. Shell		
			18. Stone Arrangement		
			19. Modified Tree		
			20. Water Hole		

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions					
Closed Site	Dimensions (m)				
	Internal length				
	Shelter height				
	Shelter floor area				
Open Site D	imensions (m)				
	Total length of visible site				
	Average width of visible site				
	Estimated area of visible site				
	Length of assessed site area				

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS25-14 is an artefact scatter located around MGA grid reference 356555 6371753 on Lot 14 of DP1082775. The
site is situated on an elevated, low gradient spur crest approximately 25 m west of the confluence of Black Waterholes Creek and an unnamed 1st order tributary. Artefacts were identified on a c.135 m stretch of unselaed access track / fire
trail, with a prominent dog-leg occurring closest to the creek. GSV on the track is excellent (91-100%). Surrounding
native vegetation comprises regenerating Kurri Sand Swamp Woodland. Recorded artefacts (n = 24) include 9 complete
flakes, 5 proximal flakes, 2 split flakes, 2 flake shatter fragments and 6 heat shatters. Raw materials are restricted to
silcrete (13) and silicified tuff (11). Overall site condition can be characterised as poor. Relevant disturbance factors
include access track / fire trail use, native vegetation clearance and erosion. Land in the immediate vicinity of the access
track is considered to have high subsurface archaeological potential.
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
The Surfame Trist value initials
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
✓ A4 location map ———————————————————————————————————
B/W photographs —
✓ Colour photographs
Slides
Aerial photographs
Site plans, drawings Described to blace
Recording tables
Other
Feature inserts-No.

Hydro-AS25-14



Plate 1 View across part of site Hydro-AS25-14, looking northeast



Plate 2 View across part of site Hydro-AS25-14, looking southeast





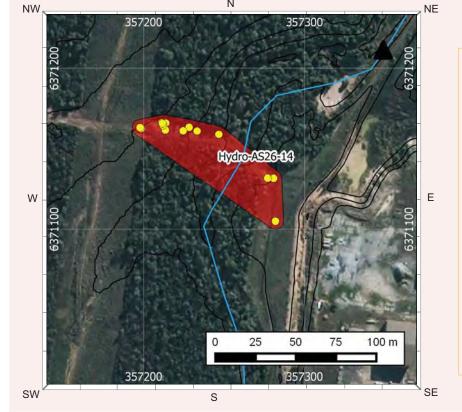
Office Use Only	
Site Number	
Date received/ Date entered into system/ Date catalogued/	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	
	Client on system
	System
Organisation	
Address	
Phone number Fax Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - A S 2 6 - 1 4	
Easting 3 5 7 2 4 7 Northing 6 3 7 1 1 4 1 AGD/GDA GDA	
Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0	
Date recorded 02/07/2014	

NPWS Aboriginal Site	Recording Forn	n - :	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform La	andform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	Stre	am bank
Plain	Coastal rock platform		Cliff		Plain	✓ Stre	am channel
✓ Rolling hills	Dune		Crest		Ridge	Swa	
Steep hills	Intertidal flat	1	Flat		Tor	Terr	ace
Undulating plain	Lagoon	1	Lower slope		Valley flat	Terr	ace flat
Slope	Tidal Creek		Mid slope		Levy		
degrees	_				,		
degrees							
Vegetation La	and use	Wa	iter				
Closed forest	Conservation	Dis	tance to permane	ent v	water source	760	metres
Grasslands	Established urban	Dis	tance to tempora	ıry w	vater source	- 5	metres
Isolated clumps of trees	Farming-intensive	Naı	me of nearest pe	rma	nent water sourc	s w a	m p C k
Open forest	Farming-low intensity	Naı	me of nearest ter	npoi	rary water	Unn	amed
Open woodland	Forestry						
Scrub	Industrial			Di	irections for Relo	ocation	
Woodland	Mining		-		ro-owned buffer		
✓ Cleared	Pastoral/grazing				ydro smelter cor		
Revegetated	Recreation		-		ro Buffer Zone S	•	for access (02
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.	
√	Service corridor						
<u>·</u> ✓	Transport corridor						
	Urban expansion				Site Location	Мар	
	N/A	NW	1 1	ı	N	1 1	NE
	IN/A						
Current Land Tenure National Park	other Government		_				
Public Dept.	- Other Covernment		_				-
✓ Private							
Primary report I.D.	(I.D. Office Use only)	-	_	S	See Attached Loca	ition Map	-
Hydro Aluminium Smelter Site &	Associated Buffer Land		_				-
- Aboriginal Cultural Heritage As	ssessment'	W					E
(AECOM Australia Pty Ltd 2014)).	VV	_				
			_				-
			_				-
			_				-
			_				
		SW			S		SE

page 3

General Site Information			Features
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation F	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	✓ SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
West		16. Stone Quarry	
North West			17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions							
Closed Site	Closed Site Dimensions (m)						
	Internal length						
	Internal width						
	Shelter height						
	Shelter floor area						
Open Site D	Dimensions (m)						
	Total length of visible site						
	Average width of visible site						
	Estimated area of visible site						
	Length of assessed site area						

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS26-14 is an artefact scatter located around MGA grid reference 357247 6371141. Artefacts occur in a series of
erosion exposures in two cleared fire breaks to the west of the existing Hydro smelter complex. The majority of artefacts are located in the east-west trending fire-break and occur in exposures on either side of a similarly oriented fencline.
Moving from west to east, the site incorporates a gently inclined simple slope, an unnamed 2nd order drainage
depression and the elevated flat or 'plateau' housing the smelter complex (identified artefacts occur on the western edge
of this plateau). GSV in the artefact-bearing exposures is generally very good to excellent. Surrounding native vegetation
comprises regenerating Kurri Sand Swamp Woodland. Recorded artefacts (n = 14) include 7 complete flakes, 1
proximal flake, 1 split flake, 2 flake shatter fragments, 2 flaked pieces and 1 heat shatter . Silcrete (9) is the dominant raw
material, followed by silicified tuff (4) and quartzite (1). Overall site condition can be characterised as poor. Relevant
disturbance factors include native vegetation clearance, some light vehicle use and erosion.
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
Title Surfiame Trist Name initials
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
✓ A4 location map
B/W photographs ————————————————————————————————————
✓ Colour photographs
Slides
Aerial photographs Oite place drawings
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS26-14



Plate 1 View across part of site Hydro-AS26-14, looking east





Office Use Only	Site Number	
Date received		
Entered by (I.D.		
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	
		Client on system
Organisation		
Address		
Phone number	Fax Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
Geographic		
	H y d r o - A S 2 7 - 1 4	
Easting	3 5 7 1 4 8 Northing 6 3 7 0 9 3 9 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Registration	
	Other Registration	
Primary Re	ocordor	
Title	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation	A E C O M A u s t r a l i a P t y L t d	Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Site	e Recording Forn	n -	Site Informa	atio	on		page 2	
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform La	andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
Rolling hills	Dune		Crest		Ridge		amp	
Steep hills	Intertidal flat	1	Flat		Tor		race	
✓ Undulating plain	Lagoon	Ť	Lower slope		Valley flat		race flat	
Slope	Tidal Creek		Mid slope		Levy			
					_ · •			
degrees								
Vegetation La	and use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	750	metres	
Grasslands	Established urban	Dis	tance to tempora	ıry w	ater source	90	metres	
Isolated clumps of trees	Farming-intensive	Naı	me of nearest pe	rmai	nent water sourc	e S w a	amp Ck	7
Open forest	Farming-low intensity	Nai	me of nearest ter	npoi	rary water	Unr	named	٦
Open woodland	Forestry				•			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priv	/ate property).	
✓ Cleared	Pastoral/grazing				ydro smelter con	•		
Revegetated	Recreation		-		ro Buffer Zone S		for access (02	
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		
	Service corridor							
	=				Site Location	Мар		
	Urban expansion	NW	1 1	Т	N	1 1	NI	Ε
L	N/A							
Current Land Tenure	/ other Government							
Public Dept.	/ other Government		_				-	
✓ Private								
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map	-	
Hydro Aluminium Smelter Site &			_				-	
- Aboriginal Cultural Heritage A							E	E
(AECOM Australia Pty Ltd 2014		W	_					
			_				-	
			_				-	
			_					
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page 3

Gen	eral Site Information	Features	
Closed Site Open			1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	✓ N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		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 D	vimensions (m)				
	Total length of visible site Average width of visible site Estimated area of visible site Length of assessed site area				

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
gram of the state
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS27-14 consists of a low density artefact scatter on and adjacent to an unsealed north-south trending access
track/fire trail on Lot 16 of DP1082775. The site is situated on a level to very gently inclined creek 'flat' associated with an
unnamed 2nd order tributary of Black Waterholes Creek, which is located between 85 and 100 m to the east of the site.
Surrounding native vegetation comprises regenerating Kurri Sand Swamp Woodland. Six artefacts were identified along
a c.75 m section of the access track, as well as two adjacent exposures, at a maximum density of 1 artefact per m ² .
Recorded artefacts (n = 6) include 1 silcrete flake shatter fragment, 2 split silcrete flakes, 1 complete silicified tuff flake, 1
silcrete flaked piece and 1 proximal silcrete flake. Overall site condition can be characterised as poor. Relevant
disturbance factors include native vegetation clearance, access track use, powerline emplacement works and erosion.
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
The Surfame Fine Name
Organisation Organisation
Address
Attachments (No.) Comments
✓ A4 location map ———————————————————————————————————
B/W photographs ————————————————————————————————————
✓ Colour photographs
Slides
Aerial photographs ————————————————————————————————————
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS27-14



Plate 1 View across site Hydro-AS27-14, looking north





Office Use Only	
Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
	Office Use Only
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
Title Surfame Trist value	Clienten
Organisation	Client on system
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	1
Easting 3 5 7 2 1 9 Northing 6 3 7 0 7 0 3 AGD/GDA GDA	
Mapsheet	7
Zone 56 Location Method Differential GPS	
Other Registration	
Other Registration	
Primary Recorder	1
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 George Street Sydney NSW	system
Phone number 8 9 3 4 0 0 0 0	
Date recorded 02/07/2014	

NPWS Aboriginal Site	e Recording Forn	n - :	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform La	andform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	Stre	eam bank
Plain	Coastal rock platform		Cliff		Plain		eam channel
Rolling hills	Dune		Crest		Ridge		amp
Steep hills	Intertidal flat	1	Flat		Tor		race
✓ Undulating plain	Lagoon	1	Lower slope		Valley flat		race flat
Slope	Tidal Creek		Mid slope		Levy		
			a e.epe		,		
degrees							
Vegetation La	and use	Wa	nter				
Closed forest	Conservation	Dis	tance to permane	ent v	water source	600	metres
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	5 0	metres
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e S w a	ımp Ck
Open forest	Farming-low intensity		me of nearest ter				named
Open woodland	Forestry				iony mater		
Scrub	Industrial			Di	irections for Relo	cation	
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pri	/ate property).
			Access via mai	in H	ydro smelter con	nplex, Ha	t Lane, Kurri
✓ Cleared	Pastoral/grazing Recreation		Kurri. Contact I	Hydı	ro Buffer Zone S	upervisor	for access (02
Revegetated	\exists		4937 0667). Se	ee a	ttached location	map.	
N/A	Semi-rural						
	Service corridor						
					Site Location	Мар	
	Urban expansion	NW	1 1	ı	N	1 1	NE
	N/A						
Current Land Tenure	/ - th O t		_				-
Public Dept.	/ other Government		_				_
✓ Private							
Primary report I.D.	(I.D. Office Use only)	,	_	S	See Attached Loca	tion Map	-
Hydro Aluminium Smelter Site			_				
- Aboriginal Cultural Heritage A							_
(AECOM Australia Pty Ltd 2014		W	_				_ E
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			_				-
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		SW			S	1	SE

page 3

Gene	eral Site Information	Features	
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	✓ N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions					
Closed Site	Dimensions (m)				
	Internal length Internal width Shelter height Shelter floor area				
Open Site D	imensions (m)				
	Total length of visible site				
	Average width of visible site				
	Estimated area of visible site				
	Length of assessed site area				

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
and the second s
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS28-14 is an artefact scatter located in a cleared, north-south trending firebreak to the immediate west of the
existing Hydro smelter complex. The landscape position of the site is that of a very gently to gently inclined simple slope
which gives way, to the west, to an unnamed 2nd order drainage depression. Native vegetation to the west of the site
comprises regenerating Kurri Sand Swamp Woodland. The site comprises two artefacts, both complete flakes (1 x
silcrete, 1 x silicified tuff), located in exposures approximately 40 m apart. The southernmost of the two artefacts is
situated in an exposure directly adjacent to the smelter's complex main security fence. Overall site condition can be
characterised as poor. Relevant disturbance factors native vegetation clearance, fence emplacement works, erosion and
mowing.
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
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
A4 location map
B/W photographs —
▼ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS28-14



Plate 1 Hydro-AS28-14: silcrete flake



Plate 2 View across site Hydro-AS28-14, looking south





Office Use Only	Site Number	
Date received		
Entered by (I.D.		
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	Oli a mata a ma
		Client on system
Organisation		
Address		
Phone number	Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
7 to ong man		
Geographic		
Site Name	H y d r o - A S 2 9 - 1 4	
Easting	3 5 8 2 2 5 Northing 6 3 7 1 0 0 2 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Degistration	
	Other Registration	
Drimon, Do	a a a redar	
Primary Re	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation	A E C O M A u s t r a l i a P t y L t d	Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n - :	Site Informa	atio	on		page 2	
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform L	andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Str	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
Rolling hills	Dune		Crest		Ridge		/amp	
Steep hills	Intertidal flat	1	Flat		Tor		rrace	
✓ Undulating plain	Lagoon	1	Lower slope		Valley flat		rrace flat	
Slope	Tidal Creek		Mid slope		Levy			
			, , .		,			
degrees								
Vegetation L	and use	Wa	iter					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	495	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source		metres	
✓ Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e S w a	amp Ck	7
Open forest	Farming-low intensity		me of nearest ter					Ī
Open woodland	Forestry				iony mater			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pri	vate property).	
	7		Access via mai	in H	ydro smelter con	nplex, Ha	rt Lane, Kurri	
✓ Cleared	✓ Pastoral/grazing Recreation		Kurri. Contact I	Hydı	ro Buffer Zone S	uperviso	for access (02	
✓ Revegetated			4937 0667). Se	ee a	ttached location	map.		
N/A	Semi-rural							
L	Service corridor							
L	Transport corridor				Site Location	Мар		
	Urban expansion	NW	1 1	Т	N	1	N	Ε
	N/A							
Current Land Tenure			_				-	
Public National Park	: / other Government		_				_	
✓ Private								
		·	_	S	See Attached Loca	tion Map	9 -	
Primary report I.D.	(I.D. Office Use only)							
Hydro Aluminium Smelter Site								
- Aboriginal Cultural Heritage		W	_				_ E	Ξ
(AECOM Australia Pty Ltd 201	4).							
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page 3

Gene	ral Site Information	Features	
Closed Site Open			1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation F	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	✓ E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

SE

Site Plan Indicate scale, boundaries of site, features NE 358200 Itydro-AS29-04 6371000 E

S

Site Dimensions Closed Site Dimensions (m)				
Internal length Internal width Shelter height Shelter floor area				
Open Site D	Dimensions (m)			
	Total length of visible site			
4 3 4m	Average width of visible site Estimated area of visible site Length of assessed site area			

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
and the second s
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS29-14 is an artefact scatter located around MGA grid reference 358225 6371002 on Lot 1 of DP456769. The
site is located in an erosion exposure in a cleared firebreak approximately 25 m east of Hydro smelter's main eastern
security fence. An unsealed north-south trending access track parallel and adjacent to this fence is located around 15 m
to the west of the site. GSV within the artefact-bearing exposure is excellent (91-100%). Native vegetation to the north of
the site comprises regenerating Kurri Sand Swamp Woodland. Recorded artefacts (n = 7) include 4 complete flakes, 1
proximal flake and 2 flake shatter fragments, all manufactured out of silcrete. Overall site condition can be characterised
as poor. Relevant disturbance factors include light vehicle movements, native vegetation clearance and significant
(ongoing) erosion.
This section should only be filled in by the Endorsees
Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensu
Title Surname First Name Initials
The Surface First Name
Organisation Organisation
Address
Phone number Fax Fax
Attachments (No.) Comments
A4 location map
B/W photographs ————————————————————————————————————
✓ Colour photographs
Slides
Aerial photographs ————————————————————————————————————
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS29-14



Plate 1 View across site Hydro-AS29-14, looking west





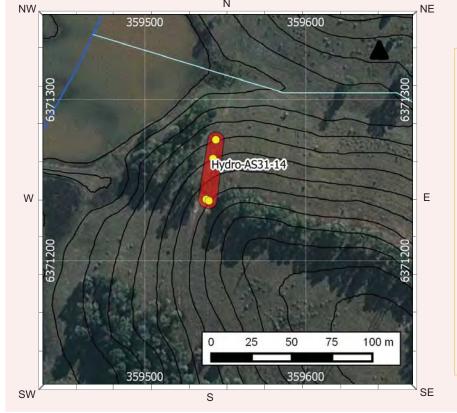
Office Use Only	
Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
	Office Use
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on system
Organisation	
Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number Fax Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - A S 3 1 - 1 4	
Easting 3 5 9 5 4 1 Northing 6 3 7 1 2 5 6 AGD/GDA GDA	
Mapsheet Map	
Zone 56 Location Method Differential GPS	
Other Registration	
	_
Primary Recorder	
Title Surname First Name Initials D r M c L a r e n A n d r e w	
	O" ·
Organisation A E C O M A u s t r a I i a P t y L t d	Client on system
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded D2/07/2014	

NPWS Aboriginal Si	te Recording Forn	n - :	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform	_andform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	St	ream bank
Plain	Coastal rock platform		Cliff		Plain		ream channel
✓ Rolling hills	Dune		Crest		Ridge		vamp
Steep hills	Intertidal flat		Flat		Tor		errace
Undulating plain	Lagoon	1	Lower slope		Valley flat		errace flat
	Tidal Creek	1	Mid slope		Levy		Trace nat
Slope			j ilila didpo				
degrees							
Vegetation I	_and use	Wa	nter				
Closed forest	Conservation	Dis	tance to permane	ent v	water source	245	metres
Grasslands	Established urban		tance to tempora			4 0	metres
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e S w	amp Ck
Open forest	Farming-low intensity		me of nearest ter				named
Open woodland	Forestry	1101	110 01 11001 001 101	npo.	ary water		
Scrub	Industrial			Di	irections for Relo	cation	
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pr	ivate property).
			Access via 'Wa	anga	ıra' property, off l	Main Ro	ad, south of
Cleared	Pastoral/grazing		Gillieston Heigl	hts.	Contact Hydro B	uffer Zo	ne Supervisor for
Revegetated	Recreation		access (02 493	37 0	667). See attach	ed locati	on map.
N/A	Semi-rural						
Ĺ	Service corridor						
	✓ Transport corridor				Site Location	Map	
	Urban expansion	NW	1 1	- 1	N		NI
	N/A						
Current Land Tenure			_				-
Public National Parl	c / other Government		_				_
✓ Private							
		, 	_	S	See Attached Loca	tion Map	-
Primary report I.D.	(I.D. Office Use only)		_				
Hydro Aluminium Smelter Site Land - Aboriginal Cultural Heri							
(AECOM Australia Pty Ltd 201		W	_				_ E
(ALCONI Australia I ty Ltu 201	7).		_				_
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			_				1
		-	_	ı	1	1	
		SW			S	1	SE

page 3

Gene	ral Site Information		Features
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation F	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	✓ N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features N



Site Dime	nsions
Closed Site	Dimensions (m)
	Internal length Internal width Shelter height Shelter floor area
Open Site D	imensions (m)
	Total length of visible site Average width of visible site Estimated area of visible site Length of assessed site area

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Albertiginal Community into protation and management recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-AS31-14 consists of an artefact scatter on and adjacent to an unsealed north-south trending access track on Lot 1
of DP998540. The site is situated on a cleared, gently inclined simple slope to the east of an unnamed 3rd order tributary
of Swamp Creek, which has been dammed and is crossed further downstream by the Aberdare Railway. Two artefacts
were identified on the access track, approximately 10m apart, and two in an adjacent upslope exposure created by
sheetwash erosion. The latter are located within 1 m of each other. Recorded artefacts (n = 4) include 1 multidirectional
FGS core, 1 complete silicified tuff flake, 1 proximal silcrete flake and 1 silicified tuff flaked piece. Overall site condition
can be characterised as poor. Relevant disturbance factors include native vegetation clearance, access track use and
_erosion.
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
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
A4 location map
B/W photographs ————————————————————————————————————
✓ Colour photographs
Slides
Aerial photographs ————————————————————————————————————
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-AS31-14



Plate 1 Hydro-AS31-14: multidirectional FGS core



Plate 2 View across site Hydro-AS31-14, looking north



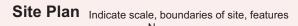


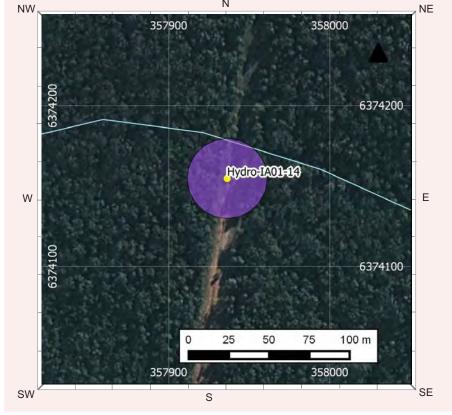
Office Use Only	
Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
	Office Use Only
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Title Surname First Name Initials	
Title Surname First Name Initials	Cliantan
Organization	Client on system
Organisation Address Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number Fax Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - I A 0 1 - 1 4	
Easting 3 5 7 9 3 6 Northing 6 3 7 4 1 5 5 AGD/GDA GDA	
Mapsheet	
Zone 56 Location Method Differential GPS	
Oth or Domintuntion	
Other Registration	
Drives we De conden	
Primary Recorder Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 George Street Sydney NSW	system
Date recorded P2/07/2014	

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	_andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Str	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
✓ Rolling hills	Dune		Crest		Ridge		amp	
Steep hills	Intertidal flat		Flat		Tor		rrace	
Undulating plain	Lagoon	1	Lower slope		Valley flat		rrace flat	
Slope	Tidal Creek		Mid slope		Levy			
			a op.a		,			
degrees								
Vegetation I	_and use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	water source		metres	
Grasslands	Established urban		tance to tempora			20	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e		
Open forest	Farming-low intensity		me of nearest ter				n a m e d	ī
Open woodland	Forestry	1 Tu		npo.	ary water			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pri	vate property).	
			Access via ma	in H	ydro smelter con	nplex, Ha	rt Lane, Kurri	
Cleared	Pastoral/grazing		Kurri. Contact l	Hydı	ro Buffer Zone S	upervisor	for access (02	
Revegetated	Recreation		4937 0667). Se	ee a	ttached location	map.		
N/A	Semi-rural							
	Service corridor							
Ĺ	✓ Transport corridor				Site Location	Мар		
	Urban expansion	NW	1 1	1	N	1		NE
	N/A							
Current Land Tenure			_				-	-
Public National Park	c / other Government		_					-
✓ Private								
Primary report I.D.		, 	_	S	See Attached Loca	tion Map	-	-
Hydro Aluminium Smelter Site	(I.D. Office Use only)		_				-	
- Aboriginal Cultural Heritage								_
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		SW			S		1	SE

page 3

Genera	I Site Information		Features
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Roo	ck Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling Sh	elter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole





Site Dimensions

Closed Site Dimensions (m)

Internal length
Internal width
Shelter height
Shelter floor area

Open Site Dimensions (m)

1mTotal length of visible site1mAverage width of visible site1mEstimated area of visible site

Length of assessed site area

poriginal Community Inte	erpretation and Management Recommendations
reliminary Site Asse	ssment
•	Analysis and Preliminary Management Recommendations
	multidirectional silcrete flake core on an unselaed, north-south trending access track/fire trail
-	e landscape position of the artefact is that of a gently inclined (3-10%) lower slope to the
	amed 1st order drainage line/depression. Surrounding native vegetation comprises
	Ironbark Forest. The core measures 81.5 (L) x 80.2 (W) x 62.9 (T) mm and has been
-	st-discard. GSV on-site is excellent (91-100%). Overall site condition can be characterised as
	·
oor. Relevant disturbance	factors include native vegetation clearance, access track/fire trail use and erosion.
is section should only be	filled in by the Endorsees
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno Title Organisation	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno Title Organisation	wledge Holder Nominated Trustee Native Title Holder Community Consens
Title Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consense Surname First Name Initials
Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number ttachments (No.)	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number ttachments (No.) A4 location map B/W photographs	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs Slides	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs Slides	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings Recording tables	wledge Holder Nominated Trustee Native Title Holder Community Consense Surname First Name Initials Fax
ndorsed by: Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	wledge Holder Nominated Trustee Native Title Holder Community Consense Surname First Name Initials Fax

Hydro-IA01-14



Plate 1 Hydro-IA01-14: multidirectional silcrete core



Plate 2 View across site Hydro-IA01-14, looking south



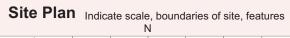


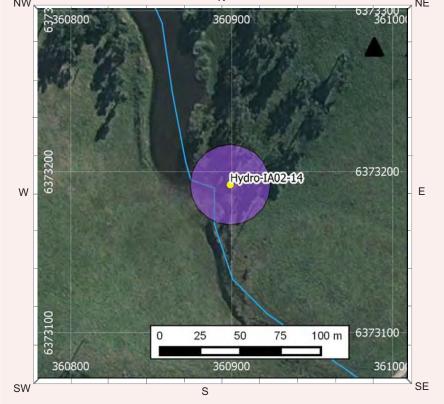
Office Use Only	
Site Number	
Date received/ Date entered into system/ Date catalogued/	
Entered by (I.D.)	
Information Access	
	Office Use Only
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
The Sumaine That Name	Clienton
Organisation	Client on system
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Congraphia Location	
Geographic Location	
Site Name H y d r o - I A 0 2 - 1 4	
Easting 3 6 0 8 9 9 Northing 6 3 7 3 1 9 2 AGD/GDA GDA	
Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Cuter registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 George Street Sydney NSW	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform	Landform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	✓ Sti	ream bank
Plain	Coastal rock platform		Cliff		Plain		ream channel
✓ Rolling hills	Dune		Crest		Ridge		vamp
Steep hills	Intertidal flat		Flat		Tor		rrace
Undulating plain	Lagoon	1	Lower slope		Valley flat		rrace flat
	Tidal Creek		Mid slope		Levy		Trace flat
Slope	Tidal Oreck		j iviid slope		Levy		
degrees							
Vegetation	Land use	Wa	iter				
Closed forest	Conservation	Dis	tance to permane	ent v	water source	- 5	metres
Grasslands	Established urban		tance to tempora				metres
✓ Isolated clumps of trees	Farming-intensive		me of nearest pe	•		K u	rriSwamp
Open forest	=		·				1
	Farming-low intensity	INal	me of nearest ter	проі	rary water		
Open woodland	Forestry			Di	irections for Relo	cation	
Scrub	Industrial		Site located in	Hyd	ro-owned buffer	zone (pr	ivate property).
Woodland	Mining		Access via 'Wa	anga	ıra' property, off	Main Roa	ad, south of
Cleared	✓ Pastoral/grazing		Gillieston Heig	hts.	Contact Hydro E	Buffer Zoi	ne Supervisor for
Revegetated	Recreation		access (02 493	37 0	667). See attach	ed locati	on map.
N/A	Semi-rural						
	Service corridor						
	Transport corridor				Oita Lagation	N4	
	Urban expansion	NW			Site Location N	wap	NE
	N/A		1 1	ı			
Current Land Tenure]	_				_
Public	k / other Government						
✓ Private Dept.			_				-
· · · · · · · ·]	_	S	see Attached Loca	ntion Man	
Primary report I.D.	(I.D. Office Use only)						
Hydro Aluminium Smelter Site	e & Associated Buffer		_				-
Land - Aboriginal Cultural Her	tage Assessment'	W					E
(AECOM Australia Pty Ltd 20	4).						
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page 3

Genera	al Site Information	Features			
Closed Site	Open Site		sed Site		1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Ro	ck Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering		
Boulder	Boulder	N-S	3. Art		
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact		
Water erosion	Silica gloss	E-W	5. Burial		
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring		
	Weathered	✓ N/A	7. Conflict		
	Other platform		8. Earth Mound		
Condition of Ceiling S	nelter Aspect		9. Fish Trap		
Boulder	North		10. Grinding Groove		
Sandstone platform	North East		11. Habitation Structure		
Silica gloss	East		12. Hearth		
Tessellated	South East		13. Non Human Bone & Organic Material		
Weathered	South		14. Ochre quarry		
Other platform	South West		15. Potential Archaeological Deposit		
	West		16. Stone Quarry		
	North West		17. Shell		
			18. Stone Arrangement		
			19. Modified Tree		
			20. Water Hole		





Site Dimensions						
Closed Site Dimensions (m)						
	Internal length					
	Internal width					
Shelter height						
	Shelter floor area					
Open Site Dimensions (m)						
1m	Total length of visible site					
1m	Average width of visible site					
1m	Estimated area of visible site					
1m	Length of assessed site area					

Aboriginal Community Interpretation and Management Recommendations
Aboriginal Community interpretation and management recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-IA2-14 consists of a complete silcrete flake in a cattle tread/fluvial erosion exposure on Lot 60 of DP975994. The
landscape position of the site is that of a gently inclined (3-10%) lower slope to the immediate east of an unnamed 2nd
order drainage line/depression. Prior to damming, the stream to the west of the site would have discharged directly into
Wentworth Swamp. The flake measures 10.6 (L) x 15.2 (W) x 2.1 (T) mm, has no dorsal cortex and a plain striking
platform. GSV within the exposure is excellent (91-100%) but very poor (0-10%) outside of it. No other artefacts were
observed within the exposure. Overall site condition can be characterised as poor. Relevant disturbance factors include
native vegetation clearance, cattle trampling and significant, ongoing erosion.
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
Organisation
Address Address
Phone number Fax Fax
Attachments (No.) Comments
Attachments (No.) Comments A4 location map
Attachments (No.) Comments A4 location map B/W photographs B/W photographs
Attachments (No.) Comments A4 location map B/W photographs Colour photographs
Attachments (No.) Comments A4 location map B/W photographs Colour photographs Slides
Attachments (No.) Comments A4 location map B/W photographs Colour photographs Slides Aerial photographs
Attachments (No.) Comments A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings
Attachments (No.) Comments A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings Recording tables
Attachments (No.) Comments A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings

Hydro-IA02-14





Plate 2 View across site Hydro-IA02-14, looking north





Office Use Only	
Site Number	
Date received/ Date entered into system/ Date catalogued/	
Entered by (I.D.)	
Information Access	055
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation Organisation	system
Address	
Phone number Fax	
Knowledge Holder	
Title Surneme First Name Initials	Client on
	system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - I A 0 3 - 1 4	
Easting 3 6 1 2 9 1 Northing 6 3 7 2 9 3 6 AGD/GDA GDA	
Mapsheet Map	
Zone 56 Location Method Differential GPS	
Other Registration	
Cuter registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a l i a P t y L t d	Client on
Address 4 2 0 George Street Sydney NSW	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n - :	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform L	andform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	Str	eam bank
Plain	Coastal rock platform		Cliff		Plain		eam channel
✓ Rolling hills	Dune		Crest		Ridge		/amp
Steep hills	Intertidal flat		Flat		Tor		rrace
Undulating plain	Lagoon		Lower slope		Valley flat		rrace flat
	Tidal Creek	1	Mid slope		Levy		raco nat
Slope			j ima diopo				
degrees							
Vegetation L	and use	Wa	nter				
Closed forest	Conservation	Dis	tance to permane	ent v	water source	1,03	0 metres
Grasslands	Established urban		tance to tempora			5 5	metres
Isolated clumps of trees	Farming-intensive		me of nearest per	•		e W e i	
Open forest	Farming-low intensity		me of nearest ten				named
Open woodland	Forestry				,		
Scrub	Industrial			Di	irections for Relo	cation	
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pri	vate property).
✓ Cleared	Pastoral/grazing		Access via 'Wa	anga	ra' property, off I	Main Roa	id, south of
Revegetated	Recreation						ne Supervisor for
N/A	Semi-rural		access (02 493	37 0	667). See attach	ed location	on map.
IN/A	Service corridor						
	Transport corridor				Site Location	Мар	
L	Urban expansion	NW	1 1	-	N	1 1	NE
	N/A						
Current Land Tenure	/ other Government		_				-
Public Dept.	/ other Government		_				_
✓ Private							
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map	-
Hydro Aluminium Smelter Site			_				
Land - Aboriginal Cultural Herit							_
(AECOM Australia Pty Ltd 2014		W	_				E
			_				
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page 3

General Site Information Features Closed Site Open Site 1. Aboriginal Ceremony & Dreaming 2. Aboriginal Resource & Gathering Shelter/Cave Formation Rock Surface Condition Site Orientation Boulder N-S 3. Art Boulder Wind erosion NE-SW 4 Artefact Sandstone platform Water erosion Silica gloss E-W 5. Burial Rock collapse Tessellated SE-NW 6. Ceremonial Ring √ N/A Weathered 7. Conflict Other platform 8. Earth Mound 9. Fish Trap **Condition of Ceiling Shelter Aspect** 10. Grinding Groove Boulder North 11. Habitation Structure Sandstone platform North East 12. Hearth Silica gloss East 13. Non Human Bone & Organic Material South East Tessellated 14. Ochre quarry Weathered South 15. Potential Archaeological Deposit Other platform South West 16. Stone Quarry West 17. Shell North West 18. Stone Arrangement 19. Modified Tree 20. Water Hole





Site Dimensions

Closed Site Dimensions (m)

Internal length
Internal width
Shelter height

Open Site Dimensions (m)

Total length of visible site

Average width of visible site

Estimated area of visible site

Shelter floor area

1m Length of assessed site area

boriginal Community Inte	rpretation and Management Recommendations
_	
Preliminary Site Asses	
	nalysis and Preliminary Management Recommendations
•	complete silcrete flake in an exposure adjacent to a contour bank on the northern boundary of
	posure in question appears to be associated with the construction of the adjacent contour
	on of the site is that of a gently inclined (3-10%) mid slope. The flake measures 48.2 (L) x 35 dorsal cortex and a plain striking platform. GSV within the exposure is fair (31-50%). No other
` '	hin the exposure. Overall site condition can be characterised as poor. Relevant disturbance
	ation clearance, contour bank construction and erosion.
lactors include native veget	ation clearance, contour bank construction and erosion.
This section should only be f	illed in by the Endorsees
Endorsed by: Know	wledge Holder Nominated Trustee Native Title Holder Community Consensus
Endorsed by: Know	wledge Holder Nominated Trustee Native Title Holder Community Consensus
Endorsed by: Know	wledge Holder Nominated Trustee Native Title Holder Community Consensus
Endorsed by: Know Title Organisation Address	Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials
Endorsed by: Know Title Organisation Address Phone number	Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
Endorsed by: Know Title Organisation Address Phone number Attachments (No.)	Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials
Title Organisation Address Phone number Attachments (No.) A4 location map	Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
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Title Organisation Address Phone number Attachments (No.) ✓ A4 location map B/W photographs ✓ Colour photographs Slides Aerial photographs Site plans, drawings	Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax

Hydro-IA03-14



Plate 1 Hydro-IA03-14: broken silcrete flake



Plate 2 View across site Hydro-IA03-14, looking southwest





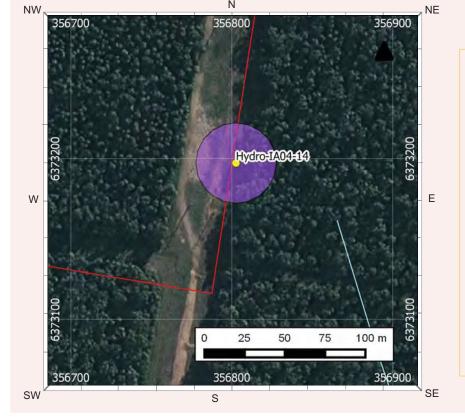
Office Use Only Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
	Office Use Only
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Title Surname First Name Initials	
Title Surraine Trist value initials	Oliont on
Organization	Client on system
Organisation Address Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Cooperation	
Geographic Location	
Site Name H y d r o - I A O 4 - 1 4	
Easting 3 5 6 8 0 3 Northing 6 3 7 3 1 9 7 AGD/GDA GDA	
Mapsheet	
Zone 56 Location Method Differential GPS	
Other Posistration	
Other Registration	
Drives and December 1	
Primary Recorder Title Surname First Name Initials	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 George Street Sydney NSW	system
Date recorded P2/07/2014	

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform	Landform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	Strea	am bank
Plain	Coastal rock platform		Cliff		Plain	Strea	am channel
✓ Rolling hills	Dune	1	Crest		Ridge	Swa	mp
Steep hills	Intertidal flat		Flat		Tor	Terra	ace
Undulating plain	Lagoon		Lower slope		Valley flat	Terra	ace flat
Slope	Tidal Creek		Mid slope		Levy		
degrees							
dog.coo							
Vegetation	Land use	Wa	nter				
Closed forest	Conservation	Dis	tance to permane	ent v	vater source	1,300	metres
Grasslands	Established urban	Dis	tance to tempora	ıry w	ater source	75	metres
Isolated clumps of trees	Farming-intensive	Naı	me of nearest pe	rma	nent water sourc	e Bla	ck Wat
Open forest	Farming-low intensity	Naı	me of nearest ter	npoi	ary water	Unn	amed
Open woodland	Forestry						
Scrub	Industrial				rections for Relo		
Woodland	Mining				Bishops Ridge	-	
✓ Cleared	public) in Hydro-owned buffer zone (private property). Acceptation of the property of the prop						
✓ Revegetated	Recreation				· · · · · · · · · · · · · · · · · · ·		
N/A	Semi-rural				fer zone Supervi	sor for acc	ess (02 4937
	Service corridor		<u>0007). See alla</u>	acrie	и юсаноп тар.		
	✓ Transport corridor						
	Urban expansion				Site Location	Мар	NE
	N/A	NW	1 1	ı	1	1	INE
Current Land Tenure] .	_				-
	k / other Government						
✓ Private Dept.			_				-
Filvate]	_	,	ee Attached Loca	tion Man	_
Primary report I.D.	(I.D. Office Use only)			,	ee Attached Loca	tion wap	
Hydro Aluminium Smelter Site	e & Associated Buffer		_				
Land - Aboriginal Cultural Her	itage Assessment'	W	_				E
(AECOM Australia Pty Ltd 201	(4).						
			_				-
			_				-
		SW			S		SE

page 3

Gene	eral Site Information	Features	
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		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 D	Dimensions (m)					
1m	Total length of visible site					
1m	Average width of visible site					
1m	Estimated area of visible site					
1m	Length of assessed site area					

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
The original community may promise and management recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-IA4-14 consists of a silicified tuff flake shatter fragment on an unsealed, north-south trending access track/fire trail
running along the western boundary of Lot 1 on DP166625. Bishops Ridge Rd is located to the immediate west of the
site. The landscape position of the site is that of a cleared crest (slope = very gently inclined, 1-3%). Surrounding native
vegetation comprises regenerating Broad-leaved Ironbark Forest. The artefact has a maximum linear dimension of 22.8
mm and retains no cortex. GSV on-site is excellent (91-100%). No other artefacts were observed in the vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance, access
track/fire trail use and erosion.
audolino trait des una crestion.
This section should only be filled in by the Endorsees
Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensu
Title Surname First Name Initials
Organisation
Address
Phone number Fax
Attachments (No.) Comments
✓ A4 location map
B/W photographs
Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-IA04-14



Plate 1 Hydro-IA04-14: silicified tuff flake shatter fragment



Plate 2 View across site Hydro-IA04-14, looking north





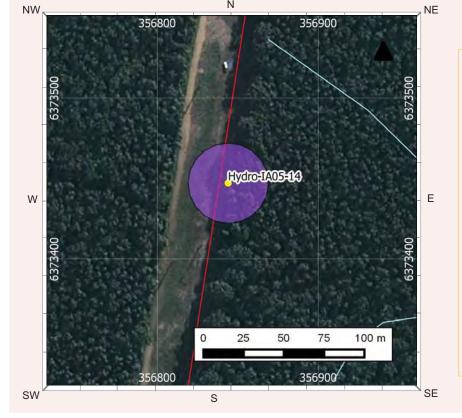
Office Use Only	
Site Number	
Date received/ Date entered into system/ Date catalogued/	
Entered by (I.D.)	
Information Access	
	Office Use
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
Title Surname First Name Initials	
	Client on system
Organisation	
Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - I A 0 5 - 1 4	
Easting 3 5 6 8 4 4 Northing 6 3 7 3 4 4 7 AGD/GDA GDA	
Mapsheet Map	
Zone 56 Location Method Differential GPS	
Other Registration	
	7
Primary Recorder Title Surname First Name Initials	
Title Surname First Name Initials D r M c L a r e n A n d r e w	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1 Fax 8 9 3 4 0 0 0 1 Fax 8 9 3 4 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 0 0 1 Fax 8 9 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Date recorded D2/07/2014	

NPWS Aboriginal Sit	te Recording Forn	n - :	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform	_andform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	Stre	eam bank
Plain	Coastal rock platform		Cliff		Plain		eam channel
✓ Rolling hills	Dune		Crest		Ridge		amp
Steep hills	Intertidal flat		Flat		Tor	H	race
Undulating plain	Lagoon		Lower slope		Valley flat		race flat
	Tidal Creek	1	Mid slope		Levy		race nat
Slope	Tidal Orccit	Ť	ivila slope		Levy		
degrees							
Vegetation I	_and use	Wa	nter				
Closed forest	Conservation	Dis	tance to permane	ent v	water source	1,400	metres
Grasslands	Established urban		tance to tempora			90	metres
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		е В 1 а	
Open forest	Farming-low intensity		me of nearest ter				amed
Open woodland	Forestry	1101	110 01 11001 001 101	po	ary water		
Scrub	Industrial			Di	irections for Relo	cation	
Woodland			Site located jus	st of	f Bishops Ridge	Road (nov	w closed to
	Mining		public) in Hydro	o-ov	vned Buffer zone	e (private p	property). Access
Cleared	Pastoral/grazing		via main Hydro	sm	elter complex, H	art Lane,	Kurri Kurri.
Revegetated	Recreation		Contact Hydro	Buf	fer Zone Supervi	isor for ac	cess (02 4937
N/A	Semi-rural		0667). See atta	ache	ed location map.		
	Service corridor						
	✓ Transport corridor				Site Location	Man	
	Urban expansion	NW			N N	ινιαρ	NE
	N/A			,			
Current Land Tenure			_				-
Public National Park	c / other Government						
✓ Private			_				
]	_	S	see Attached Loca	tion Map	-
Primary report I.D.	(I.D. Office Use only)						
Hydro Aluminium Smelter Site	& Associated Buffer		_				
Land - Aboriginal Cultural Heri	tage Assessment'	W	_				E
(AECOM Australia Pty Ltd 201	4).						
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			_				
			_				-
		-	_				-
		SW					
		SVV			S		SE

page 3

Gener	al Site Information		Features
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Ro	ock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling S	helter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		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) Im Total length of visible site Im Average width of visible site Im Estimated area of visible site Im Length of assessed site area

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement	page 4
Aboriginal Community Interpretation and Management Recommendations	
Aboriginal community interpretation and management recommendations	
Preliminary Site Assessment	
Site Cultural & Scientific Analysis and Preliminary Management Recommendations	
Hydro-IA5-14 consists of a broken (proximal) silcrete flake adjacent to an ants nest on an unsealed access trace	ck/fire trail
running along the western boundary of Lot 1 of DP166625. Bishops Ridge Rd is located to the immediate west	of the
site. The landscape position of the site is that of a cleared, gently inclined (3-10%) mid slope. Surrounding nation	<u>ve</u>
vegetation comprises regenerating Broad-leaved Ironbark Forest. The artefact, which has been broken by hear	t, has a
maximum linear dimension of 35.1 mm and retains no cortex. GSV on-site is poor (11-30%) due to the present	
ironstone lag deposit. No other artefacts were observed in the vicinity. Overall site condition can be characteristic	sed as
poor. Relevant disturbance factors include native vegetation clearance, access track/fire trail use and erosion.	
This section should only be filled in by the Endorsees	
	y Consensus
	itials
Title Sumanie - Hiervanie - Hiervanie	
Organisation Organisation	
Address	
]
Phone number Fax Fax	J
Attachments (No.) Comments	
A4 location map	
B/W photographs ————————————————————————————————————	
✓ Colour photographs ————————————————————————————————————	
Slides	
Aerial photographs ————————————————————————————————————	
Site plans, drawings	
Recording tables	
Other	
Feature inserts-No.	

Hydro-IA05-14



Plate 1 Hydro-IA05-14: broken silcrete flake



Plate 2 View across site Hydro-IA05-14, looking north



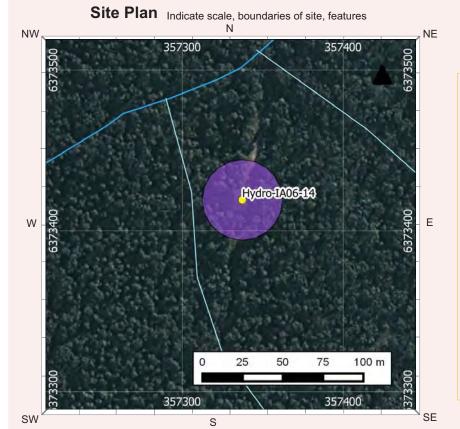


Office Use Only	Site Number	
Date received		
Entered by (I.D.		
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	Client on
		Client on system
Organisation		
Address		
Phone number	Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
0 1:		
Geographic		
	H y d r o - I A 0 6 - 1 4	
Easting	3 5 7 3 3 7 Northing 6 3 7 3 4 1 9 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Registration	
	Culci Registration	
Primary Re	ecorder	
Title	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation	A E C O M A u s t r a I i a P t y L t d	Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Site	e Recording Forn	n -	Site Informa	atio	on		page	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform La	andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
Rolling hills	Dune		Crest		Ridge		amp	
Steep hills	Intertidal flat	1	Flat		Tor		race	
✓ Undulating plain	Lagoon		Lower slope		Valley flat		race flat	
Slope	Tidal Creek		Mid slope		Levy			
			, , .		,			
degrees								
Vegetation La	and use	Wa	iter					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	1,020	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	3 0	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e Wen	t Swmp	
Open forest	Farming-low intensity		ne of nearest ter				amed	
Open woodland	Forestry			•				
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priv	vate property).	
✓ Cleared	Pastoral/grazing		-		ydro smelter con			
✓ Revegetated	Recreation				ro Buffer Zone S	•	for access (02	
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		
	Service corridor							
	Urban expansion				Site Location	Мар		
		NW	1 1		N	1 1	1 1	NE
L	N/A							
Current Land Tenure	/ other Government		_					
Public Dept.	7 other Government		_					-
✓ Private								
Primary report I.D.	(I.D. Office Use only)		_	S	ee Attached Loca	tion Map		-
Hydro Aluminium Smelter Site &			_					
- Aboriginal Cultural Heritage A		14/						Е
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		SW	<u> </u>		S			SE

page 3

Gene	ral Site Information		Features
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation R	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole



Site Dimensions Closed Site Dimensions (m)					
Internal length Internal width Shelter height Shelter floor area					
Open Site Dimensions (m)					
1m 1m	Total length of visible site Average width of visible site				
1m 1m	Estimated area of visible site Length of assessed site area				

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Aboriginal community interpretation and management recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-IA6-14 consists of a complete FGS flake on an unsealed, north-south trending access track/fire trail on Lot 1 of
DP166625. The landscape position of the site is that of a gently inclined (3-10%) spur crest between two unnamed 1st
order drainage depressions. Surrounding native vegetation comprises regenerating Broad-leaved Ironbark/Spotted Gum
Forest. The flake measures 53 (L) x 43 (W) x 14.9 (T) mm, has a cortical platform and no dorsal cortex. Marginal edge-
damage is likely post-depositional given the artefact's location. GSV on-site is excellent (91-100%). No other artefacts
were observed in the vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors include
native vegetation clearance, access track/fire trail use and erosion.
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
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
✓ A4 location map ———————————————————————————————————
B/W photographs —
✓ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-IA06-14





Plate 2 View across site Hydro-IA06-14, looking north





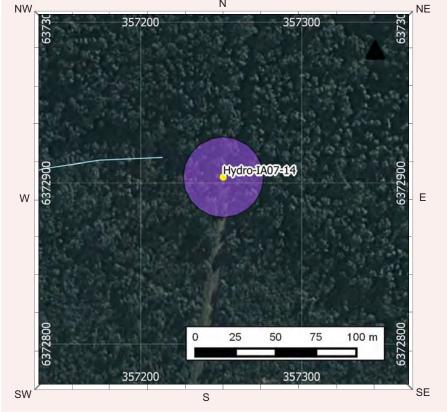
Office Use Only Site Number	
	1 1
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction	No access Office Use Only
For Further Information Contact:	10 00000
Nominated Trustee	
	tials
	Client on
Organisation	system
Address	
Phone number Fax	
Knowledge Helder	
Title Surname First Name Init	tials
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Aboriginal Heritage Offic of Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - I A 0 7 - 1 4	
Easting 3 5 7 2 5 1 Northing 6 3 7 2 9 0 4 AGD/GDA GDA	
Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Duiman, Dagardan	
Primary Recorder Title Surname First Name Init	tials
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N	S W system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n - :	Site Informa	atio	on		page 2	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform L	andform Unit							
Mountainous	Beach		Tidal Flat	√	Upper slope	Strea	am bank	
Plain	Coastal rock platform		Cliff		Plain	一	am channel	
✓ Rolling hills	Dune		Crest		Ridge	Swa		
Steep hills	Intertidal flat		Flat		Tor	Terra	•	
Undulating plain	Lagoon		Lower slope		Valley flat		ace flat	
Slope	Tidal Creek		Mid slope		Levy			
			, op.		,			
degrees								
Vegetation L	and use	Wa	iter					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	690	metres	
Grasslands	Established urban	Dis	tance to tempora	ary w	ater source	45	metres	
Isolated clumps of trees	Farming-intensive		•	•	nent water sourc	e B 1 a	ck Wat	
Open forest	Farming-low intensity		ne of nearest ter				amed	
Open woodland	Forestry				,			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priva	ate property).	
✓ Cleared	Pastoral/grazing		Access via ma	in H	ydro smelter con	nplex, Hart	Lane, Kurri	
✓ Revegetated	Recreation				ro Buffer Zone S	•	or access (02	
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		
IN/A								
	Service corridor							
	Transport corridor				Site Location	Мар		
L	Urban expansion	NW	1 1	ı	N	1 1	1 1	NE
	N/A							
Current Land Tenure	/ other Government		_				-	
Public Dept.	/ other Government		_				-	-
✓ Private								
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map	-	-
Hydro Aluminium Smelter Site			_				_	-
- Aboriginal Cultural Heritage A								_
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		SW			S	1 1		SE

page 3

Genera	al Site Information	Features			
Closed Site Op		Open Site	1. Aboriginal Ceremony & Dreaming		
Shelter/Cave Formation Rock Surface Condition		Site Orientation	2. Aboriginal Resource & Gathering		
Boulder	Boulder	N-S	3. Art		
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact		
Water erosion	Silica gloss	E-W	5. Burial		
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring		
	Weathered	✓ N/A	7. Conflict		
	Other platform		8. Earth Mound		
Condition of Ceiling Shelter Aspect			9. Fish Trap		
Boulder	North		10. Grinding Groove		
Sandstone platform	North East		11. Habitation Structure		
Silica gloss	East		12. Hearth		
Tessellated	South East		13. Non Human Bone & Organic Material		
Weathered	South		14. Ochre quarry		
Other platform	South West		15. Potential Archaeological Deposit		
West			16. Stone Quarry		
	North West		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)						
1m	Total length of visible site					
1m	Average width of visible site					
1m	1m Estimated area of visible site					
1m	Length of assessed site area					

boriginal Community Inte	erpretation and Management Recommendations
reliminary Site Asse	essment
-	Analysis and Preliminary Management Recommendations
lydro-IA7-14 consists of a	broken (proximal) FGS flake on an unsealed, north-south trending access track/fire trail on
-	ndscape position of the site is that of a gently inclined (3-10%) upper slope. Surrounding
	es regenerating Broad-leaved Ironbark Forest and Kurri Sand Swamp Woodland. The flake has
	on of 21.3 mm and exhibits no cortex. GSV on-site is poor (11-30%) due principally to an
	other artefacts were observed in the vicinity. Overall site condition can be characterised as
	e factors include native vegetation clearance, access track/fire trail use and erosion.
	Tastore monade manyo regenation oleananee; access and monade and election
is spatian should only be	filled in by the Endorsees
ndorsed by: Kno	
•	owledge Holder Nominated Trustee Native Title Holder Community Consens
Title	
•	owledge Holder Nominated Trustee Native Title Holder Community Consens
•	owledge Holder Nominated Trustee Native Title Holder Community Consens
Title	owledge Holder Nominated Trustee Native Title Holder Community Consens
Title Organisation	owledge Holder Nominated Trustee Native Title Holder Community Consens
Title Organisation Address Phone number	owledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials
Title Organisation Address Phone number ttachments (No.)	owledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number ttachments (No.) A4 location map	owledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Title Organisation Address Phone number ttachments (No.) A4 location map B/W photographs	owledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Title Organisation Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs	owledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Title Organisation Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs Slides	owledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
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Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides	owledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs	owledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	owledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings Recording tables	owledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax

Hydro-IA07-14



Plate 1 Hydro-IA07-14: broken FGS flake



Plate 2 View across site Hydro-IA07-14, looking south





Office Use Only	
Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
	Office Use Only
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
This Surfame First Name Indiana	Client on
Organisation	Client on system
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation Organisation	
Address	
Phone number Fax Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Coographia Location	
Geographic Location	
Site Name H y d r o - I A 0 8 - 1 4	
Easting 3 5 8 0 5 1 Northing 6 3 7 2 8 3 8 AGD/GDA GDA	
Mapsheet	_
Zone 56 Location Method Differential GPS	
Other Registration	
Other registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Site Recording Form - Site Information page 2							
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform	Landform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	Str	eam bank
Plain	Coastal rock platform		Cliff		Plain	H	eam channel
✓ Rolling hills	Dune	1	Crest		Ridge		vamp
Steep hills	Intertidal flat		Flat		Tor		rrace
Undulating plain	Lagoon		Lower slope		Valley flat		rrace flat
Slope	Tidal Creek		Mid slope		Levy		
					,		
degrees							
Vegetation	Land use	Wa	nter				
Closed forest	Conservation	Dis	tance to permane	ent v	water source	115	metres
Grasslands	Established urban	Dis	tance to tempora	arv w	ater source	35	metres
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e W e	nt Swmp
Open forest	Farming-low intensity		me of nearest ter				named
Open woodland	Forestry				,		
Scrub	Industrial			Di	irections for Relo	cation	
Woodland	Mining	Site located in Hydro-owned buffer zone (private property).					
✓ Cleared	✓ Pastoral/grazing		Access via ma	in H	ydro smelter con	nplex, Ha	ırt Lane, Kurri
✓ Revegetated	Recreation		-		ro Buffer Zone S	•	r for access (02
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.	
IN/A							
	Service corridor						
	Transport corridor				Site Location	Мар	
	Urban expansion	NW	1 1	1	N	1 1	NE
	N/A						
Current Land Tenure	k / other Government		_				-
Public Dept.	k / otner Government		_				-
✓ Private							
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map	5
Hydro Aluminium Smelter Site			_				-
- Aboriginal Cultural Heritage							_
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			_				
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		-	- 1 1	ı			
		SW			S		SE

page 3

Gen	eral Site Information	Features			
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming		
Shelter/Cave Formation Rock Surface Condition		Site Orientation	2. Aboriginal Resource & Gathering		
Boulder	Boulder	N-S	3. Art		
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact		
Water erosion	Silica gloss	E-W	5. Burial		
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring		
	Weathered	✓ N/A	7. Conflict		
	Other platform		8. Earth Mound		
Condition of Ceiling Shelter Aspect			9. Fish Trap		
Boulder	North		10. Grinding Groove		
Sandstone platform	North East		11. Habitation Structure		
Silica gloss	East		12. Hearth		
Tessellated	South East		13. Non Human Bone & Organic Material		
Weathered	South		14. Ochre quarry		
Other platform	South West		15. Potential Archaeological Deposit		
	West		16. Stone Quarry		
	North West		17. Shell		
			18. Stone Arrangement		
			19. Modified Tree		
		20. Water Hole			

Site Plan Indicate scale, boundaries of site, features NW 358000 358100 NE Hydro-1A08-14 W 0087229

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358000

75

358100

100 m

SE

Site Dimensions						
Closed Site Dimensions (m)						
Ologed Oile	,					
	Internal length					
	Internal width					
	Shelter height					
	Shelter floor area					
Open Site Dimensions (m)						
1m	Total length of visible site					
1m	Average width of visible site					
1m	Estimated area of visible site					
1m	Length of assessed site area					

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Theoriginal Community into protestors and management recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-IA8-14 consists of a silcrete flake shatter fragment in a small exposure at the base of a mature ironbark tree on
Lot 1 of DP166625. The landscape position of the site is that of a gently-inclined (3-10%) spur crest between two
unnamed 2nd order drainage depressions. The artefact has a maximum linear dimension of 12.2 mm and exhibits no
cortex. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation
clearance, cattle trampling and erosion.
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
Organisation
Address
Phone number Fax Fax
Attachments (No.) Comments
✓ A4 location map
B/W photographs —
Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.
- Catalo moorto No.

Hydro-IA08-14



Plate 1 Hydro-IA08-14: silcrete flake shatter fragment



Plate 2 View across site Hydro-IA08-14, looking south





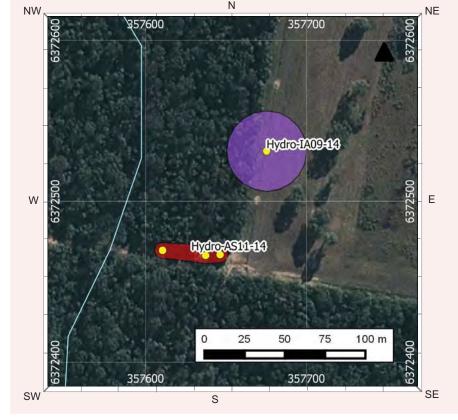
Office Use Only Site Number - -						
Date received / / Date entered into system / / Date catalogued / /						
Entered by (I.D.)						
Information Access						
Gender/male Gender/female Location restriction General restriction No access	Office Use Only					
For Further Information Contact:	J,					
Nominated Trustee						
Title Surname First Name Initials						
	Client on					
Organisation	system					
Address						
Phone number Fax Fax						
Knowledge Holder						
Title Surname First Name Initials	Client on					
	system					
Organisation						
Address						
Phone number Fax						
Aboriginal Heritage Unit or Cultural Heritage Division Contacts						
Geographic Location						
Site Name H y d r o - I A 0 9 - 1 4						
Easting 3 5 7 6 7 5 Northing 6 3 7 2 5 3 1 AGD/GDA GDA						
Mapsheet						
Zone 56 Location Method Differential GPS						
Other Registration						
Other Registration						
Primary Recorder						
Title Surname First Name Initials						
Dr McLaren Andrew						
Organisation A E C O M A u s t r a I i a P t y L t d	Client on					
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system					
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1						
Date recorded 02/07/2014						

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page	e 2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	_andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
✓ Rolling hills	Dune		Crest		Ridge		amp	
Steep hills	Intertidal flat		Flat		Tor		race	
Undulating plain	Lagoon	1	Lower slope		Valley flat		race flat	
Slope	Tidal Creek		Mid slope		Levy			
			a op.a		,,			
degrees								
Vegetation I	_and use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	vater source	185	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	70	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1 a	ck Wat	=
Open forest	Farming-low intensity		me of nearest ter				amed	
Open woodland	Forestry				,			
Scrub	Industrial			Di	rections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priv	ate property).	-
✓ Cleared	✓ Pastoral/grazing		Access via ma	in H	ydro smelter con	nplex, Har	t Lane, Kurri	
Revegetated	Recreation				o Buffer Zone S	•	for access (02	
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		•
IN/A								
	Service corridor							-
[Transport corridor				Site Location	Мар		
[Urban expansion	NW	1 1		N	1 1	1 1	NE
	N/A							
Current Land Tenure	⟨ / other Government ⟩ ⟩ ⟨ / other Government ⟨ / other Government ⟩ ⟨ / other Government ⟨ / other Government ⟩ ⟨ / other Government ⟨ / other Government ⟨ / other Government ⟩ ⟨ / other Government ⟨ / oth		_					
Public Dept.	(/ other Government							-
✓ Private								
Primary report I.D.	(I.D. Office Use only)			S	ee Attached Loca	tion Map		-
Hydro Aluminium Smelter Site								-
- Aboriginal Cultural Heritage								_
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page 3

Gen	eral Site Information	Features	
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions							
Closed Site Dimensions (m)							
	Internal length						
	Internal width						
	Shelter height						
	Shelter floor area						
Open Site D	Dimensions (m)						
1m	Total length of visible site						
1m	· ·						
1m	Average width of visible site Estimated area of visible site						
1m	Length of assessed site area						
	Lengin or assessed site area						

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Theoriginal Community into protestor and management recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-IA9-14 consists of a multidirectional silcrete core on an unsealed, north-south trending access track/fire trail on Lot
1 of DP166625. The landscape position of the site is that of a very gently inclined (1-3%) lower slope that grades to the
east into a elevated flat. Native vegetation to the west comprises regenerating Kurri Sand Swamp Woodland. The core
measures 65 (L) x 37 (W) x 35.1 (T) mm and exhibits no cortex. GSV on the track is excellent (91-100%) but poor
(11-30%) to very poor (0-10%) off it. No other artefacts were observed in the vicinity. Overall site condition can be
characterised as poor. Relevant disturbance factors include native vegetation clearance, access track/fire trail use and
erosion.
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
Organisation
Address
Phone number Fax Fax
Attachments (No.) Comments
✓ A4 location map
B/W photographs ————————————————————————————————————
✓ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other

Hydro-IA09-14



Plate 1 Hydro-IA09-14: multidirectional silcrete core



Plate 2 View across site Hydro-IA09-14, looking south





Office Use Only Site Number - -	
Date received / / Date entered into system / / Date catalogued / /	
Entered by (I.D.)	
Information Access	Office Use
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
This Surfame This I wante	Client on
Organisation	system
Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - I A 1 0 - 1 4	
Easting 3 5 7 4 1 9 Northing 6 3 7 4 5 1 7 AGD/GDA GDA	
Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a l i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

Site Context Landform Unit Mountainous Beach Tidal Flat Upper slope Stream bank	NPWS Aboriginal Sit	e Recording Forn	n -	Site Inform	atio	on		ра	ge 2
Landform Landform Unit Mountainous Beach Tidal Flat Upper slope Stream bank Plain Coastal rock platform Cliff Plain Stream channel Y Rolling hills Dune V Crest Ridge Swamp Steep hills Intertidal flat Flat Tor Terrace Torrace flat		OPEN/CLOSE SITE	Эре	en Site					
Mountainous	Site Context			<u> </u>					
Plain	Landform L	andform Unit							
Rolling hills	Mountainous	Beach		Tidal Flat		Upper slope	Str	eam bank	
Steep hills	Plain	Coastal rock platform		Cliff		1	Str	eam channel	
Undulating plain Lagoon Tidal Creek Mid slope Levy Water Closed forest Conservation Grasslands Established urban Isolated clumps of trees Open forest Open forest Industrial Woodland Mining Cleared Pastoral/grazing Revegetated Recreation N/A Current Land Tenure Public Public Public Public Primary report LD (Lagoon Tidal Creek Mid slope Water Distance to permanent water source Braming-intensive Name of nearest temporary water source Name of nearest temporary water source Name of nearest temporary water source Name of nearest temporary water Directions for Relocation Site located in Hydro-owned buffer zone (private property). Access via main Hydro smelter complex, Hart Lane, Kurri Kurri. Contact Hydro Buffer Zone Supervisor for access (02 4937 0687). See attached location map. NE Current Land Tenure Public Public Primary report LD (Lagoon Lower slope Water Distance to permanent water source Name of nearest temporary water Name of nearest temporary water Name of nearest temporary water Directions for Relocation Site located in Hydro-owned buffer zone (private property). Access via main Hydro smelter complex, Hart Lane, Kurri Kurri. Contact Hydro Buffer Zone Supervisor for access (02 4937 0687). See attached location map. NE Current Land Tenure Public Primary report LD (Lagoons: Discounce only) Hydro Atlaminium Smelter Site & Associated Buffer Land Aboligibal Cultural Heritage Assessment' (AECOMI Australial Pryl Ltd 2014). W Lagoons: Lagoons Mater See Attached Location Map W E	✓ Rolling hills	Dune	1	Crest		Ridge	Sw	amp	
Stope	Steep hills	Intertidal flat		Flat		Tor	Te	rrace	
degrees Vegetation Land use Closed forest Conservation Distance to permanent water source So metres Somewhat Stablished urban Distance to temporary water source So metres Name of nearest permanent water source Farming-intensive Open forest Open forest Open woodland Forestry Scrub Industrial Woodland Mining V Cleared Recreation Revegetated Recreation N/A Semi-rural Service corridor Urban expansion N/A Current Land Tenure Public Private Private Primary report I.D. (J.D. Office Use only) (J.D. Office Use only) (J.D. Office Use only) (AECOM Australia Pty Ltd 2014).	Undulating plain	Lagoon		Lower slope		Valley flat	Te	rrace flat	
Vegetation	Slope	Tidal Creek		Mid slope		Levy			
Closed forest									
Closed forest Conservation Distance to permanent water source 300 metres Grasslands Established urban Isolated clumps of trees Farming-intensive Open forest Farming-low intensity Open woodland Forestry Scrub Industrial Woodland Mining Woodland Mining Revegetated Recreation Service corridor Transport corridor Urban expansion N/A Current Land Tenure Public Private National Park / other Government Dept. Primary report I.D. 10. Office Use only) (Aborighal Cultural Heritage Assessment' Aborighal Cultural Heritage Assessmen	uogiooo								
Grasslands Established urban Isolated clumps of trees Farming-intensive Open forest Open woodland Forestry Scrub Industrial Woodland Woodland Recreation Revegetated N/A Semi-rural Service corridor Urban expansion N/A Current Land Tenure Public Private	Vegetation L	and use	Wa	nter					
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Transport corridor Urban expansion N/A Current Land Tenure Public Private Private Primary report I.D. (I.D. Office Use only) Hydro Aluminium Smelter Site & Associated Buffer Land Aboriginal Cultural Heritage Assessment' AECQM Australia Pty Ltd 2014). E		Semi-rural		4937 0667). 56	ee a	ttached location	тар.		_
Urban expansion N/A Current Land Tenure Public Public Dept. Primary report I.D. (I.D. Office Use only) Hydro Aluminium Smelter Site & Associated Buffer Land Abortiginal Cultural Heritage Assessment' (AECOM Australia Pty Ltd 2014). E		Service corridor		-					_
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Current Land Tenure Public National Park / other Government Dept. Priwate Primary report I.D. (I.D. Office Use only) Hydro Aluminium Smelter Site & Associated Buffer Land Abortiginal Cultural Heritage Assessment (AECOM Australia Pty Ltd 2014).		Urban expansion					Мар		NE
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- Aborigimal Cultural Heritage Assessment' (AECOM Australia Pty Ltd 2014). Image: Assessment	Primary report I.D.	(I.D. Office Use only)				ree milatinea 200a	tion map		
(AECOM Australia Pty Ltd 2014).	Hydro Aluminium Smelter Site	& Associated Buffer Land							
(AECOM Australia Pty Ltd 2014).	- Aboriginal Cultural Heritage	Assessment'	W						E
	(AECOM Australia Pty Ltd 201	4).							
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SW SW									-
SVV C SE			SW						SE

page 3

Genera	I Site Information	Features		
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming	
Shelter/Cave Formation Roo	ck Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering	
Boulder	Boulder	N-S	3. Art	
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact	
Water erosion	Silica gloss	E-W	5. Burial	
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring	
	Weathered	✓ N/A	7. Conflict	
	Other platform		8. Earth Mound	
Condition of Ceiling Sh	elter Aspect		9. Fish Trap	
Boulder	North		10. Grinding Groove	
Sandstone platform	North East		11. Habitation Structure	
Silica gloss	East		12. Hearth	
Tessellated	South East		13. Non Human Bone & Organic Material	
Weathered	South		14. Ochre quarry	
Other platform	South West		15. Potential Archaeological Deposit	
	West		16. Stone Quarry	
	North West		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)

1m Total length of visible site 1m Average width of visible site 1m Estimated area of visible site

1m Length of assessed site area

boriginal Community Inte	erpretation and Management Recommendations
Preliminary Site Asse	ssment
ite Cultural & Scientific F	Analysis and Preliminary Management Recommendations
lydro-IA10-14 consists of	a silcrete flake shatter fragment on an unsealed, east-west trending access track/fire trail
unning along the northern	boundary of Lot 1 of DP166625. The landscape position of the site is that of a gently inclined
3-10%) spur crest. Surrou	nding native vegetation comprises regenerating Broad-leaved Ironbark Forest. The artefact
nas a maximum linear dime	ension of 39.7 mm, exhibits no cortex and has been thermally altered. GSV on the track is
excellent (91-100%) but po	or (11-30%) to very poor (0-10%) off it. No other artefacts were observed in the vicinity.
Overall site condition can b	pe characterised as poor. Relevant disturbance factors include native vegetation clearance,
ccess track/fire trail use a	nd fluvial erosion activity.
nis section should only be	
	filled in by the Endorsees
ndorsed by: Kno	
ndorsed by: Kno	
, —	wledge Holder Nominated Trustee Native Title Holder Community Consensu
Title	wledge Holder Nominated Trustee Native Title Holder Community Consensu
Title Organisation	wledge Holder Nominated Trustee Native Title Holder Community Consensu
Title Organisation Address	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials
Title Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Title Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens
Title Organisation Address Phone number ttachments (No.) A4 location map	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number Attachments (No.) A4 location map B/W photographs	wledge Holder Nominated Trustee Native Title Holder Community Consense Surname First Name Initials Fax
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Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs	wledge Holder Nominated Trustee Native Title Holder Community Consense Surname First Name Initials Fax
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Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs	Surname First Name Initials Fax
Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	Surname First Name Initials Fax
Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings Recording tables	Surname First Name Initials Fax

Hydro-IA10-14



Plate 1 Hydro-IA10-14: silcrete flake shatter fragment



Plate 2 View across site Hydro-IA10-14, looking east





Office Use Only Site Number	
	7
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	,5
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address	
Phone number Fax Fax	
Knowledge Helder	
Title Surname First Name Initials	
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Aboriginal Heritage Officer Cultural Heritage Division Contacts	
Geographic Location	_
Site Name H y d r o - I A 1 1 - 1 4]
Easting 3 5 7 2 3 4 Northing 6 3 7 2 4 0 7 AGD/GDA GDA	
Mapsheet Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Duine and December 2	
Primary Recorder Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 George Street Sydney NSW	system
Phone number 8 9 3 4 0 0 0	
Date recorded 02/07/2014	
,	

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	_andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	am bank	
Plain	Coastal rock platform		Cliff		Plain		am channel	
✓ Rolling hills	Dune		Crest		Ridge	Swa		
Steep hills	Intertidal flat		Flat		Tor	Terr	•	
Undulating plain	Lagoon	1	Lower slope		Valley flat		ace flat	
Slope	Tidal Creek		Mid slope		Levy			
			a opa		,			
degrees								
Vegetation I	_and use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	200	metres	
Grasslands	Established urban	Dis	tance to tempora	ary w	vater source	150	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1 a	ck Wat	
Open forest	Farming-low intensity		me of nearest ter				amed	
Open woodland	Forestry				,			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	Iro-owned buffer	zone (priv	ate property).	
			Access via mai	in H	ydro smelter con	nplex, Har	Lane, Kurri	
✓ Cleared	Pastoral/grazing Recreation		Kurri. Contact I	Hyd	ro Buffer Zone S	upervisor	for access (02	
✓ Revegetated			4937 0667). Se	ee a	ttached location	map.		
N/A	Semi-rural							
	Service corridor							
	✓ Transport corridor				Site Location	Мар		
	Urban expansion	NW	1 1	1	N	1	1 1	NE
	N/A							
Current Land Tenure			_					-
Public National Parl	k / other Government							
✓ Private								
Primary report I.D.		•	_	S	See Attached Loca	tion Map		-
Hydro Aluminium Smelter Site	(I.D. Office Use only)		_					-
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								-
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page 3

Gener	al Site Information	Features	
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Ro	ock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling S	helter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions							
Closed Site Dimensions (m)							
	Internal length						
	Internal width						
	Shelter height						
	Shelter floor area						
Open Site I	Dimensions (m)						
1m	Total length of visible site						
1m	Average width of visible site						
1m	Estimated area of visible site						
1m	Length of assessed site area						

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4							
Aboriginal Community Interpretation and Management Recommendations							
Preliminary Site Assessment							
Site Cultural & Scientific Analysis and Preliminary Management Recommendations							
Hydro-IA10-14 consists of a complete silcrete flake on an unsealed access track/fire trail on Lot 316 of DP755231. The							
artefact is located at the intersection of two access tracks/fire trails: one trending north-south and the other northwest-							
southeast. The landscape position of the site is that of a gently inclined (3-10%) lower slope. Surrounding native							
vegetation comprises regenerating Kurri Sand Swamp Woodland. The flake, which measures 42.4 (L) x 28.2 (W) x 9.8							
(T) mm, exhibits no dorsal cortex, has a plain striking platform and has been thermally altered. GSV on the access track							
is generally excellent (91-100%) but poor (11-30%) to very poor (0-10%) in places owing to ironstone lag deposit. No							
other artefacts were observed in the vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance, access track/fire trail use and erosion.							
Tactors include thative vegetation dearance, access tractorine trail use and crosion.							
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							
Organisation							
Address Address							
Phone number Fax							
Attachments (No.) Comments							
✓ A4 location map							
B/W photographs ————————————————————————————————————							
✓ Colour photographs							
Slides							
Aerial photographs Oite place drawings							
Site plans, drawings							
Recording tables							
Other							
Feature inserts-No.							

Hydro-IA11-14



Plate 1 Hydro-IA11-14: silcrete flake



Plate 2 View across site Hydro-IA11-14, looking east





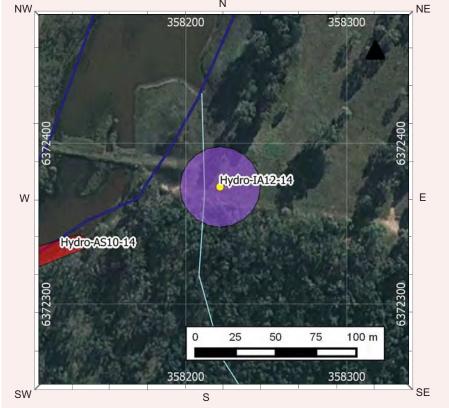
Office Use Only Site Number	
Date received/ Date entered into system/ Date catalogued/	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation Organisation	system
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	Landform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	am bank	
Plain	Coastal rock platform		Cliff		Plain		am channel	
✓ Rolling hills	Dune		Crest		Ridge	Swa		
Steep hills	Intertidal flat		Flat		Tor	Terr	·	
Undulating plain	Lagoon	1	Lower slope		Valley flat		ace flat	
	Tidal Creek		Mid slope		Levy		add hat	
Slope			j ilila didpo] 201)			
degrees								
Vegetation	Land use	Wa	nter					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	60	metres	
Grasslands	Established urban		tance to tempora			5	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e Wen		
Open forest	Farming-low intensity		me of nearest ter				amed	
Open woodland	Forestry	1101	110 01 11001 001 101	po.	ary water			
Scrub	Industrial			Di	rections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priv	ate property).	
			Access via mai	in H	ydro smelter con	nplex, Har	Lane, Kurri	
Cleared	✓ Pastoral/grazing	Kurri. Contact Hydro Buffer Zone Supervisor for access (02					for access (02	
Revegetated	Recreation		4937 0667). Se	ee a	ttached location	map.		
N/A	Semi-rural							
	Service corridor							
	✓ Transport corridor				Site Location	Мар		
	Urban expansion	NW	T T	-	N	1 1	1 1	NE
	N/A							
Current Land Tenure			_					-
Public National Par	k / other Government		_					_
✓ Private								
]]	_	S	ee Attached Loca	tion Map		-
Primary report I.D.								
Hydro Aluminium Smelter Site & Associated Buffer								1
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			_					
			_					-
		SW			S			SE

page 3

General Site Information			Features			
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming			
Shelter/Cave Formation	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering			
Boulder	Boulder	N-S	3. Art			
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact			
Water erosion	Silica gloss	E-W	5. Burial			
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring			
	Weathered	✓ N/A	7. Conflict			
	Other platform		8. Earth Mound			
Condition of Ceiling	Shelter Aspect		9. Fish Trap			
Boulder	North		10. Grinding Groove			
Sandstone platform	North East		11. Habitation Structure			
Silica gloss	East		12. Hearth			
Tessellated	South East		13. Non Human Bone & Organic Material			
Weathered	South		14. Ochre quarry			
Other platform	South West		15. Potential Archaeological Deposit			
	West		16. Stone Quarry			
	North West		17. Shell			
			18. Stone Arrangement			
			19. Modified Tree			
			20. Water Hole			

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions							
Closed Site Dimensions (m)							
	Internal length						
	Internal width						
	Shelter height						
	Shelter floor area						
Open Site I	Dimensions (m)						
1m	Total length of visible site						
1m	Average width of visible site						
1m	Estimated area of visible site						
1m	Langth of assessed site area						

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
The right and th
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-IA12-14 consists of a complete silcrete flake on an unsealed, east-west trending access track running between
Lot 1 of DP166625 and Lot 317 of DP755231. The landscape position of the site is that of a gently inclined (3-10%) lower
slope overlooking an unnamed 1st order drainage depression. Native vegetation to the south comprises regenerating
Lowland Redgum Forest. The flake, which measures 20.5 (L) x 21.5 (W) x 7.5 (T) mm, exhibits no dorsal cortex, has a plain striking platform and has been thermally altered. GSV on-site is fair (31-50%). No other artefacts were observed in
the vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation
clearance, access track/fire trail use and erosion.
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
Organisation Organisation
Address
Phone number Fax Fax
Attachments (No.) Comments
A4 location map
B/W photographs —
✓ Colour photographs
Slides
Aerial photographs —
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-IA12-14



Plate 1 Hydro-IA12-14: silcrete flake



Plate 2 View across site Hydro-IA12-14, looking east

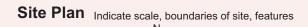


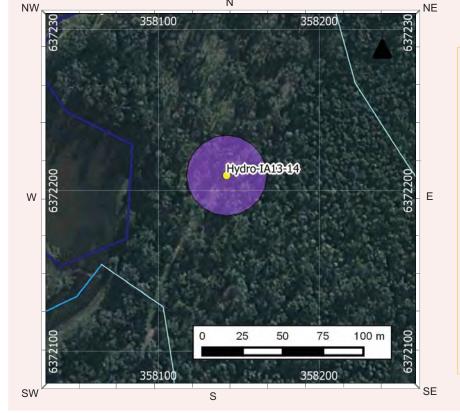


Office Use Only Site Number	
Date received/ Date entered into system/ Date catalogued/	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation Organisation	system
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	lient on
	system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Zustang restang restang	
Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0	
Date recorded 02/07/2014	

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page 2	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	Landform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	St	ream bank	
Plain	Coastal rock platform		Cliff		Plain		ream channel	
✓ Rolling hills	Dune	1	Crest		Ridge		wamp	
Steep hills	Intertidal flat	Ť	Flat		Tor		errace	
Undulating plain	Lagoon		Lower slope		Valley flat		errace flat	
Slope	Tidal Creek		Mid slope		Levy		n doo nat	
_			a opa		, ,			
degrees								
Vegetation	Land use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	vater source	60	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	95	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e W e	nt Swmp	
Open forest	Farming-low intensity		me of nearest ter				named	Ī
Open woodland	Forestry				,			
Scrub	Industrial			Di	rections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pı	ivate property).	
✓ Cleared		Access via main Hydro smelter complex, Hart Lane, Kurri					art Lane, Kurri	
✓ Revegetated	Recreation					•	or for access (02	
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		
IN/A	Service corridor							
<u>.</u> [
[✓ Transport corridor				Site Location	Мар		
[Urban expansion	NW	1 1		N	1 1	N	ΝE
	N/A							
Current Land Tenure	k / other Government		_					
Public Dept.	k / otner Government						-	
✓ Private								
Primary report I.D.			S	ee Attached Loca	tion Map	,		
Hydro Aluminium Smelter Site	(I.D. Office Use only) & Associated Buffer Land						-	
- Aboriginal Cultural Heritage								_
(AECOM Australia Pty Ltd 201	W	_				-	Е	
							-	
				I				
		SW			S	'	S	SE

page 3





Closed Site Dimensions (m) Internal length Internal width Shelter height Shelter floor area Open Site Dimensions (m) 1m Total length of visible site 1m Average width of visible site 1m Estimated area of visible site 1m Length of assessed site area

Preliminary Site Assessment Site Cultural & Scientific Analysis and Preliminary Management Recommendations Hydro-IA13-14 consists of a quartz flake shatter fragment on an unsealed access track/fire trail on Lot 317 of DP755231. The landscape position of the site is that of a gently inclined (3-10%) spur crest between two unnamed 1st order drainage depressions. Surrounding native vegetation comprises regenerating Lowland Redgum Forest. The artefact has a maximum linear dimension of 14.3 mm and exhibits no cortex. GSV on the track ranges from excellent (91-100%) to very poor (0-10%) owing to a central grass strip. No other artefacts were observed in the vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance, access track/fire trail use and erosion. This section should only be filled in by the Endorsees Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensurities. Title Surname First Name Initials Organisation Address Phone number
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Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensuration Organisation Address
Title Surname First Name Initials Organisation Address
Organisation Address Address
Address
Address
Phone number Fax
Attachments (No.) Comments
✓ A4 location map
B/W photographs ————————————————————————————————————
✓ Colour photographs
Slides
Aerial photographs Site plane drawings
Site plans, drawings
Recording tables
Other

Hydro-IA13-14



Plate 1 Hydro-IA13-14: quartz flake shatter fragment



Plate 2 View across site Hydro-IA13-14, looking north northeast





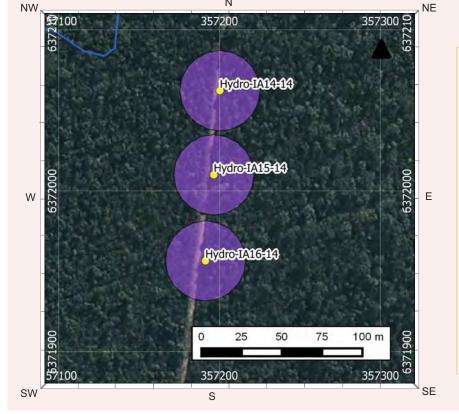
Office Use Only Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
	Office Use Only
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
This Surfame First Name Initials	Client on
Organisation	Client on system
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation Organisation	
Address	
Phone number Fax Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Coographia Location	
Geographic Location	
Site Name H y d r o - I A 1 4 - 1 4	
Easting 3 5 7 2 0 0 Northing 6 3 7 2 0 6 2 AGD/GDA GDA	
Mapsheet	_
Zone 56 Location Method Differential GPS	
Other Registration	
Other registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 George Street Sydney NSW	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Sit	te Recording Forn	n -	Site Informa	atio	on		page 2	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	_andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	St	ream bank	
Plain	Coastal rock platform		Cliff		Plain		ream channel	
✓ Rolling hills	Dune		Crest		Ridge		wamp	
Steep hills	Intertidal flat		Flat		Tor		errace	
Undulating plain	Lagoon	1	Lower slope		Valley flat		errace flat	
Slope	Tidal Creek		Mid slope		Levy			
			a op.a		, ,			
degrees								
Vegetation I	_and use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	vater source	90	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source		metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1	ack Wat	
Open forest	Farming-low intensity		me of nearest ter					ī
Open woodland	Forestry				,			
Scrub	Industrial			Di	rections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (p	rivate property).	
✓ Cleared		Access via main Hydro smelter complex, Hart Lane, Kurri					art Lane, Kurri	
✓ Revegetated	Recreation						or for access (02	
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		
IN/A	Service corridor							
L								
L	✓ Transport corridor				Site Location	Мар		
L	Urban expansion	NW	1 1		N	1 1	1 1	NE
	N/A							
Current Land Tenure	⟨ / other Government		_				-	
Public Dept.	(/ other Government						-	
✓ Private								
Primary report I.D.			S	ee Attached Loca	tion Ma _l	•		
Hydro Aluminium Smelter Site	(I.D. Office Use only) & Associated Buffer Land						-	
- Aboriginal Cultural Heritage Assessment'								_
(AECOM Australia Pty Ltd 201	W	_				-	Е	
							-	
			_				-	
		SW			S		5	SE

page 3

Gener	al Site Information	Features				
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming			
Shelter/Cave Formation Rock Surface Condition		Site Orientation	2. Aboriginal Resource & Gathering			
Boulder	Boulder	N-S	3. Art			
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact			
Water erosion	Silica gloss	E-W	5. Burial			
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring			
	Weathered	✓ N/A	7. Conflict			
	Other platform		8. Earth Mound			
Condition of Ceiling S	helter Aspect		9. Fish Trap			
Boulder	North		10. Grinding Groove			
Sandstone platform	North East		11. Habitation Structure			
Silica gloss	East		12. Hearth			
Tessellated	South East		13. Non Human Bone & Organic Material			
Weathered	South		14. Ochre quarry			
Other platform	South West		15. Potential Archaeological Deposit			
	West		16. Stone Quarry			
	North West		17. Shell			
			18. Stone Arrangement			
			19. Modified Tree			
			20. Water Hole			

Site Plan Indicate scale, boundaries of site, features



Closed Site Dimensions (m) Internal length Internal width Shelter height Shelter floor area Open Site Dimensions (m) 1m Total length of visible site 1m Average width of visible site 1m Estimated area of visible site 1m Length of assessed site area

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
The original community into product and management recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-IA14-14 consists of a broken (proximal) silcrete flake on an unsealed, north-south trending access track/fire trail
on Lot 316 of DP755231. The landscape position of the site is that of a gently inclined (3-10%) lower slope. Surrounding
native vegetation comprises regenerating Kurri Sand Swamp Woodland. The artefact has a maximum linear dimension
of 35.7 mm, exhibits no cortex and has been thermally-altered. GSV on-site is excellent (91-100%). No other artefacts
were observed in the vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance, access track/fire trail use and erosion.
native vegetation clearance, access track/life trail use and erosion.
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
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
✓ A4 location map
B/W photographs —
Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-IA14-14



Plate 1 Hydro-IA14-14: broken silcrete flake



Plate 2 View across site Hydro-IA14-14, looking south





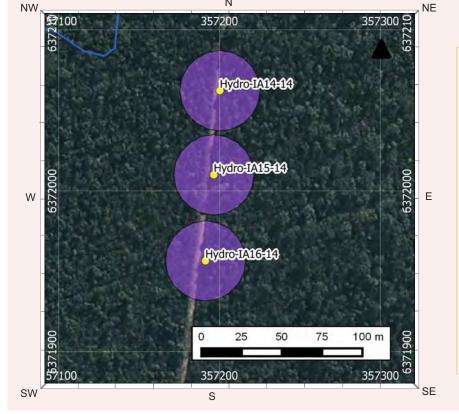
Office Use Only Site Number -	
Date received / / Date entered into system / / Date catalogued / /	
Entered by (I.D.)	
Information Access	Office Use
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
Title Sufficient Tilst Name initials	Client on
Organisation	system
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - I A 1 5 - 1 4	
Easting 3 5 7 1 9 6 Northing 6 3 7 2 0 1 0 AGD/GDA GDA	
Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Site Recording Form - Site Information page 2								
	OPEN/CLOSE SITE	Эре	en Site					
Site Context	_							
Landform	Landform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	S	Stream bank	
Plain	Coastal rock platform		Cliff		Plain	S	Stream channel	
✓ Rolling hills	Dune		Crest		Ridge	S	Swamp	
Steep hills	Intertidal flat		Flat		Tor	Т	errace	
Undulating plain	Lagoon	√	Lower slope		Valley flat	Т	errace flat	
Slope	Tidal Creek		Mid slope		Levy			
degrees								
Vegetation	Land use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	vater source	140	metres	
Grasslands	Established urban	Dis	tance to tempora	ıry w	ater source		metres	
Isolated clumps of trees	Farming-intensive	Na	me of nearest pe	rma	nent water sourc	e B 1	ack Wa	t
Open forest	Farming-low intensity	Na	me of nearest ter	npoi	ary water			
Open woodland	Forestry							
Scrub	Industrial		6		rections for Relo			
Woodland	Mining				ro-owned buffer			<u>. </u>
✓ Cleared	Pastoral/grazing		<u> </u>		ydro smelter con o Buffer Zone S			
✓ Revegetated	Recreation				ttached location	•	or for access (02	_
N/A	Semi-rural		1007 0007). 00	<i>50 a</i>		тар.		_
	Service corridor							
	✓ Transport corridor							
	Urban expansion	NW			Site Location N	Мар		NE
	N/A	INVV	I I	T	ı	I	1 1	
Current Land Tenure			_					-
Public	k / other Government							
✓ Private Dept.			_					-
]]		S	ee Attached Loca	tion Ma	ір	-
Primary report I.D.	(I.D. Office Use only)							
Hydro Aluminium Smelter Site	e & Associated Buffer Land		_					+
- Aboriginal Cultural Heritage	W	_					E	
(AECOM Australia Pty Ltd 20	14).							
			_					-
			_					-
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page 3

Gener	al Site Information	Features				
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming			
Shelter/Cave Formation Rock Surface Condition		Site Orientation	2. Aboriginal Resource & Gathering			
Boulder	Boulder	N-S	3. Art			
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact			
Water erosion	Silica gloss	E-W	5. Burial			
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring			
	Weathered	✓ N/A	7. Conflict			
	Other platform		8. Earth Mound			
Condition of Ceiling S	helter Aspect		9. Fish Trap			
Boulder	North		10. Grinding Groove			
Sandstone platform	North East		11. Habitation Structure			
Silica gloss	East		12. Hearth			
Tessellated	South East		13. Non Human Bone & Organic Material			
Weathered	South		14. Ochre quarry			
Other platform	South West		15. Potential Archaeological Deposit			
	West		16. Stone Quarry			
	North West		17. Shell			
			18. Stone Arrangement			
			19. Modified Tree			
			20. Water Hole			

Site Plan Indicate scale, boundaries of site, features



Closed Site Dimensions (m) Internal length Internal width Shelter height Shelter floor area Open Site Dimensions (m) 1m Total length of visible site 1m Average width of visible site 1m Estimated area of visible site 1m Length of assessed site area

PWS Aboriginal Site	
original Community Inte	rpretation and Management Recommendations
reliminary Site Asses	ssment
te Cultural & Scientific A	nalysis and Preliminary Management Recommendations
	a broken silcrete Bondi point on an unsealed, north-south trending access track/fire trail on Lo
-	Iscape position of the site is that of a gently inclined (3-10%) lower slope. Surrounding native
	nerating Kurri Sand Swamp Woodland. The Bondi point, which measures 26.7 (L) x 10.4 (W) x
	actured on a flake, is missing its tip and exhibits no cortex. GSV on-site is excellent
	cts were observed in the vicinity. Overall site condition can be characterised as poor.
,	·
elevant disturbance factor	rs include native vegetation clearance, access track/fire trail use and erosion.
is section should only be t	illed in by the Endorsees
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno Title Organisation	wledge Holder Nominated Trustee Native Title Holder Community Consens
Title Organisation Address	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials
Title Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials
Title Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
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Organisation Address Phone number ttachments (No.) A4 location map B/W photographs	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
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Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	wledge Holder Nominated Trustee Native Title Holder Community Consense Surname First Name Initials Fax

Hydro-IA15-14



Plate 1 Hydro-IA15-14: broken silcrete Bondi point



Plate 2 View across site Hydro-IA15-14, looking south

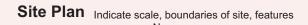


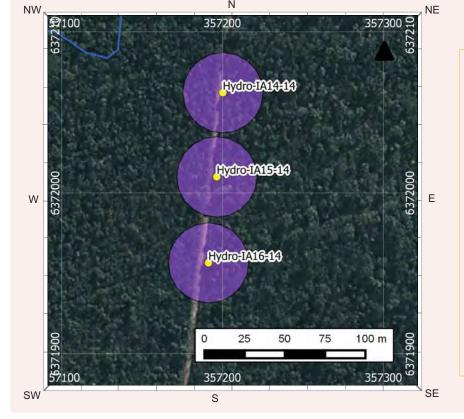


Office Use Only Site Number	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No acce	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address	
Phone number Fax	
Title Surname First Name Initials	
	Client on system
Organisation	
Address	
Phone number Fax Fax Abortistical Horitage Division Contacts	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	-
Geographic Location	
Site Name H y d r o - I A 1 6 - 1 4	
Easting 3 5 7 1 9 1 Northing 6 3 7 1 9 5 6 AGD/GDA GDA	
Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Drive and December	
Primary Recorder Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 George Street Sydney NSW	system
Phone number 8 9 3 4 0 0 0 0	
Date recorded D2/07/2014	
· ·	

NPWS Aboriginal Sit	e Recording Forn	n -	Site Informa	atio	on		page 2	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform [andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	St	ream bank	
Plain	Coastal rock platform		Cliff		Plain	H	ream channel	
✓ Rolling hills	Dune		Crest		Ridge		vamp	
Steep hills	Intertidal flat		Flat		Tor	H	errace	
Undulating plain	Lagoon	1	Lower slope		Valley flat		errace flat	
Slope	Tidal Creek		Mid slope		Levy			
			a e.e.p.a					
degrees								
Vegetation L	and use	Wa	nter					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	190	metres	
Grasslands	Established urban	Dis	tance to tempora	arv w	ater source		metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1	ack Wat	
Open forest	Farming-low intensity		me of nearest ter					ī
Open woodland	Forestry				,			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pr	ivate property).	
			Access via ma	in H	ydro smelter con	nplex, Ha	art Lane, Kurri	
✓ Cleared	Pastoral/grazing Recreation		Kurri. Contact l	Hydı	ro Buffer Zone S	uperviso	r for access (02	
✓ Revegetated			4937 0667). Se	ee a	ttached location	map.		
N/A	Semi-rural							
	Service corridor							
L	✓ Transport corridor				Site Location	Мар		
L	Urban expansion	NW	1 1	Т	N	1 1	1	NE
	N/A							
Current Land Tenure	- / - th O t		_				_	
Public Dept.	c / other Government		_				-	
✓ Private								
Primary report I.D.	(I.D. Office Use only)		_	S	Gee Attached Loca	tion Map	-	
Hydro Aluminium Smelter Site			_				_	
- Aboriginal Cultural Heritage		W						_
(AECOM Australia Pty Ltd 2014).			_				-	Е
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page 3





Site Dimensions Closed Site Dimensions (m) Internal length Internal width Shelter height Shelter floor area Open Site Dimensions (m) 1m Total length of visible site 1m Average width of visible site 1m Estimated area of visible site 1m Length of assessed site area

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
The regions of the region of t
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-IA16-14 consists of a complete silcrete flake on an unsealed, north-south trending access track/fire trail on Lot
316 of DP755231. The landscape position of the site is that of a gently inclined (3-10%) lower slope. Surrounding native
vegetation comprises regenerating Kurri Sand Swamp Woodland. The flake, which measures 47.3 (L) x 48.6 (W) x 15.3
(T) mm, exhibits no dorsal cortex and has a multiple conchoidal platform. GSV on-site is excellent (91-100%). No other
artefacts were observed in the vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors
include native vegetation clearance, access track/fire trail use and erosion.
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
Organisation Organisation
Address
Phone number Fax
A4 location map
B/W photographs —
✓ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-IA16-14



Plate 1 Hydro-IA16-14: complete silcrete flake



Plate 2 View across site Hydro-IA16-14, looking south





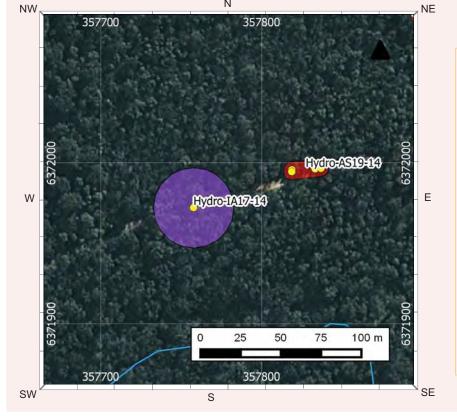
Site Number - -	
Date received / / Date entered into system / / Date catalogued / /	
Entered by (I.D.)	
Information Access	Office Use
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
The Surfame That Name	Client on
Organisation Organisation	system
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - I A 1 7 - 1 4	
Easting 3 5 7 7 5 8 Northing 6 3 7 1 9 7 2 AGD/GDA GDA	
Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page 2	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	Landform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
✓ Rolling hills	Dune		Crest		Ridge		amp	
Steep hills	Intertidal flat	1	Flat		Tor		race	
Undulating plain	Lagoon		Lower slope		Valley flat		race flat	
	Tidal Creek		Mid slope		Levy		acc nat	
Slope			, ima didpo] 2019			
degrees								
Vegetation	Land use	Wa	nter					
Closed forest	Conservation	Dis	tance to permane	ent v	vater source	300	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	8 5	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1 a	ck Wat	
Open forest	Farming-low intensity		me of nearest ter				amed	
Open woodland	Forestry				ally made.			
Scrub	Industrial			Di	rections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priv	/ate property).	
			Access via mai	in H	ydro smelter con	nplex, Har	t Lane, Kurri	
Cleared	Pastoral/grazing Recreation		Kurri. Contact I	Hydı	ro Buffer Zone S	upervisor	for access (02	
Revegetated			4937 0667). Se	ee a	ttached location	тар.		
N/A	Semi-rural							
[Service corridor							
	✓ Transport corridor				Site Location	Мар		
	Urban expansion	NW	1 1	Т	N	•	1	NE
	N/A							
Current Land Tenure			_				-	_
Public National Par Dept.	k / other Government		_				-	
✓ Private								
Primary report I.D.			_	S	ee Attached Loca	tion Map	-	
Hydro Aluminium Smelter Site	(I.D. Office Use only)		_				_	-
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page 3

Gene	eral Site Information		Features
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		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

Open Site Dimensions (m)

 1m
 Total length of visible site

 1m
 Average width of visible site

 1m
 Estimated area of visible site

Shelter floor area

1m Length of assessed site area

ooriginal Community Inte	erpretation and Management Recommendations
reliminary Site Asse	ssment
•	Analysis and Preliminary Management Recommendations
	a complete silicified tuff flake on an unsealed access track/fire trail on Lot 317 of DP755231.
-	eastern edge of a level to very gently inclined elevated flat or plateau to the north of the
	plex. Surrounding native vegetation comprises regenerating Kurri Sand Swamp Woodland.
	25.3 (L) x 16.2 (W) x 7.5 (T) mm, has a plain platform and exhibits no cortex. GSV on-site is
	her artefacts were observed in the vicinity. Overall site condition can be characterised as
,	e factors include native vegetation clearance, access track/fire trail use and erosion.
oor. Relevant disturbance	ractors include native vegetation clearance, access track/life trail use and erosion.
nis section should only be	filled in by the Endorsees
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno Title Organisation	wledge Holder Nominated Trustee Native Title Holder Community Consens
Title Organisation Address	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials
Title Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consense Surname First Name Initials Fax
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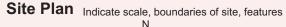


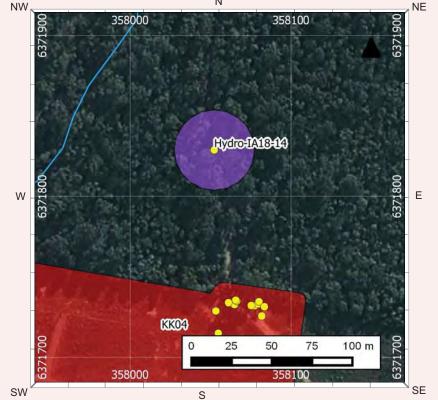
Office Use Only	
Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
	Office Use
Gender/male Gender/female Location restriction General restriction No access For Further Information Contact:	Only
Title Surname First Name Initials	
Title Surfame Trist value	Oli t
	Client on system
Organisation	
Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - I A 1 8 - 1 4	
Easting 3 5 8 0 5 2 Northing 6 3 7 1 8 2 9 AGD/GDA GDA	
Mapsheet Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on system
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page 2	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	Landform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
✓ Rolling hills	Dune		Crest		Ridge		amp	
Steep hills	Intertidal flat		Flat		Tor		race	
Undulating plain	Lagoon		Lower slope		Valley flat		race flat	
	Tidal Creek	1	Mid slope		Levy		iaco nat	
Slope			a elepe] 2019			
degrees								
Vegetation	Land use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	vater source	460	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	85	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1 a	ck Wat	
Open forest	Farming-low intensity		me of nearest ter				named	
Open woodland	Forestry				aly mate.			
Scrub	Industrial			Di	rections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pri	/ate property).	
			Access via mai	in H	ydro smelter con	nplex, Ha	t Lane, Kurri	
✓ Cleared	Pastoral/grazing Recreation		Kurri. Contact I	Hydı	ro Buffer Zone S	upervisor	for access (02	
Revegetated			4937 0667). Se	ee a	ttached location	map.		
N/A	Semi-rural							
[Service corridor							
l	✓ Transport corridor				Site Location	Мар		
	Urban expansion	NW	1 1	Т	N	· ·	1 1	NE
	N/A							
Current Land Tenure			_				-	
Public National Parl	k / other Government						_	
✓ Private								
Daine and and I D		· 		S	ee Attached Loca	tion Map	-	
Primary report I.D.	(I.D. Office Use only)		_				-	
Hydro Aluminium Smelter Site Aboriginal Cultural Heritage								
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page 3

General Site Information Features Closed Site Open Site 1. Aboriginal Ceremony & Dreaming 2. Aboriginal Resource & Gathering Shelter/Cave Formation Rock Surface Condition Site Orientation Boulder N-S 3. Art Boulder Wind erosion 4 Artefact Sandstone platform **NE-SW** Water erosion Silica gloss E-W 5. Burial Rock collapse Tessellated SE-NW 6. Ceremonial Ring √ N/A Weathered 7. Conflict Other platform 8. Earth Mound 9. Fish Trap **Condition of Ceiling Shelter Aspect** 10. Grinding Groove Boulder North 11. Habitation Structure Sandstone platform North East 12. Hearth Silica gloss East 13. Non Human Bone & Organic Material South East Tessellated 14. Ochre quarry Weathered South 15. Potential Archaeological Deposit Other platform South West 16. Stone Quarry West 17. Shell North West 18. Stone Arrangement 19. Modified Tree 20. Water Hole





Site	חוט	ensi	ons
Close	ed Sit	e Din	nensi

ons (m)

Internal length Internal width Shelter height

Shelter floor area

Open Site Dimensions (m)

1m Total length of visible site 1m Average width of visible site 1m Estimated area of visible site

1m Length of assessed site area

boriginal Community Inte	erpretation and Management Recommendations
reliminary Site Asse	essment
•	Analysis and Preliminary Management Recommendations
	a broken silicified tuff flake on an unsealed access track/fire trail on Lot 317 of DP755231. The
•	site is that of a gently inclined (3-10%) simple slope. Surrounding native vegetation comprises
	wamp Woodland and Lowland Redgum Forest. The flake, which has a maximum linear
	s a plain platform and exhibits no cortex. GSV on-site is excellent (91-100%). No other
	the vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors
iclude native vegetation c	elearance, access track/fire trail use and erosion.
is section should only be	filled in by the Endorsees
ndorsed by: Kno	owledge Holder Nominated Trustee Native Title Holder Community Consens
Title	wiedge Holder Norminated Hustee Native Hite Holder Community Consens
Title	Surname First Name Initials
	Surname First Name Initials
	Surname First Name Initials
Organisation	Surname First Name Initials
Organisation Address	Surname First Name Initials
· ·	Surname First Name Initials
Address Phone number	
Address Phone number	Fax Fax
Address Phone number ttachments (No.) A4 location map	Fax Fax
Address Phone number ttachments (No.) A4 location map B/W photographs	Fax Fax
Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs	Fax Fax
Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs Slides	Fax Fax
Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs	Fax Fax
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Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs	Fax Fax
Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	Fax Fax
Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings Recording tables	Fax Fax

Hydro-IA18-14



Plate 1 Hydro-IA18-14: broken silicified tuff flake



Plate 2 View across site Hydro-IA18-14, looking north





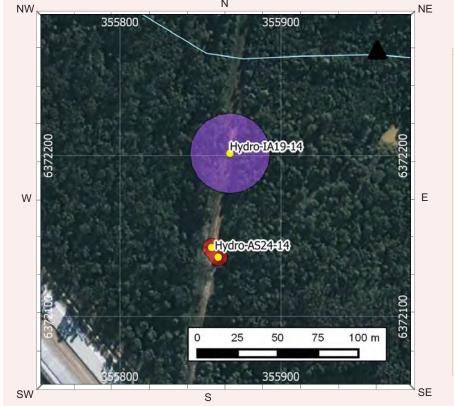
Office Use Only Site Number - -	
Date received / / Date entered into system / / Date catalogued / /	
Entered by (I.D.)	
Information Access	Office Use
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
Title Sumaine This Name Initials	Client on
Organisation	system
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	Olland
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - I A 1 9 - 1 4	
Easting 3 5 5 8 6 8 Northing 6 3 7 2 2 0 1 AGD/GDA GDA	
Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a l i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Sit	te Recording Form	n -	Site Informa	atio	on		page	2
	OPEN/CLOSE SITE	Эрє	en Site					
Site Context								
Landform	_andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Strea	am bank	
Plain	Coastal rock platform		Cliff		Plain		am channel	
✓ Rolling hills	Dune		Crest		Ridge	Swar		
Steep hills	Intertidal flat		Flat		Tor	Terra	·	
Undulating plain	Lagoon		Lower slope		Valley flat		ace flat	
Slope	Tidal Creek	1	Mid slope		Levy			
			a op.a		, ,			
degrees								
Vegetation I	_and use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	vater source	640	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	60	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		е В 1 а	ck Wat	
Open forest	Farming-low intensity		me of nearest ter				amed	
Open woodland	Forestry			•	•			
Scrub	Industrial			Di	rections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priva	ate property).	
✓ Cleared	Pastoral/grazing		<u> </u>		ydro smelter con			
✓ Revegetated	Recreation				o Buffer Zone S	•	or access (02	
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		
	Service corridor							
	✓ Transport corridor							
	Urban expansion				Site Location	Мар		
L		NW	1 1		N	ı	1 1	NE
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Current Land Tenure	other Government							
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page 3

Gene	eral Site Information	Features		
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming	
Shelter/Cave Formation	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering	
Boulder	Boulder	N-S	3. Art	
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact	
Water erosion	Silica gloss	E-W	5. Burial	
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring	
	Weathered	✓ N/A	7. Conflict	
	Other platform		8. Earth Mound	
Condition of Ceiling	Shelter Aspect		9. Fish Trap	
Boulder	North		10. Grinding Groove	
Sandstone platform	North East		11. Habitation Structure	
Silica gloss	East		12. Hearth	
Tessellated	South East		13. Non Human Bone & Organic Material	
Weathered	South		14. Ochre quarry	
Other platform	South West		15. Potential Archaeological Deposit	
	West		16. Stone Quarry	
	North West		17. Shell	
			18. Stone Arrangement	
			19. Modified Tree	
			20. Water Hole	

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions					
Closed Site Dimensions (m)					
	Internal length				
	Internal width				
	Shelter height				
	Shelter floor area				
Open Site D	Dimensions (m)				
1m	Total length of visible site				
1m	Average width of visible site				
1m	Estimated area of visible site				
1m	Length of assessed site area				

boriginal Community Inte	rpretation and Management Recommendations
reliminary Site Asses	ssment
ite Cultural & Scientific A	analysis and Preliminary Management Recommendations
lydro-IA19-14 consists of	a complete silicified tuff flake on the western edge of an unsealed, north-south trending
access track/fire trail that ru	uns along the boundary of Lots 10 and 11 of DP1082775. The landscape context of the site is
hat of a gently inclined (3-	10%) mid slope overlooking (to the north) an unnamed 1st order drainage depression.
Surrounding native vegetat	ion comprises regenerating Broad-leaved Ironbark Forest. The flake, which measures 26.5 (L)
26.3 (W) x 8.4 (T) mm, ha	as a plain platform and exhibits no cortex. GSV on-site is poor (11-30%). No other artefacts
vere observed in the vicinit	y. Overall site condition can be characterised as poor. Relevant disturbance factors include
ative vegetation clearance	e, access track/fire trail use and erosion.
nis section should only be t	filled in by the Endorsees
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consensu
	wledge Holder Nominated Trustee Native Title Holder Community Consens
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Title Organisation Address	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials
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ndorsed by: Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings Recording tables	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials
Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax

Hydro-IA19-14



Plate 1 Hydro-IA19-14: silicified tuff flake



Plate 2 View across site Hydro-IA19-14, looking north

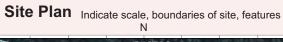


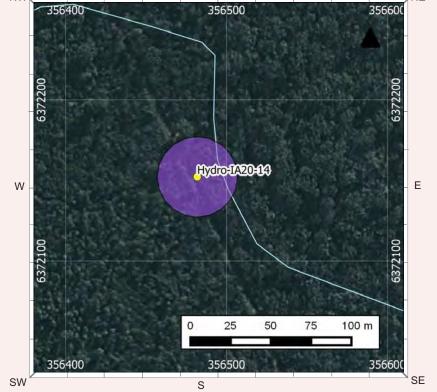


Office Use Only Site Number - -	
Date received/ Date entered into system/ Date catalogued/	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	,
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Address Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - I A 2 0 - 1 4	
Easting 3 5 6 4 8 2 Northing 6 3 7 2 1 5 2 AGD/GDA GDA	
Mapsheet Map	
Zone 56 Location Method Differential GPS	
	1
Other Registration	
Primary Recorder	7
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a l i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n -	Site Informa	atio	on		page	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform [andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	✓ Stre	am bank	
Plain	Coastal rock platform		Cliff		Plain		am channel	
✓ Rolling hills	Dune		Crest		Ridge	Swa		
Steep hills	Intertidal flat		Flat		Tor	Terr	•	
Undulating plain	Lagoon		Lower slope		Valley flat		ace flat	
Slope	Tidal Creek		Mid slope		Levy			
			a op.a		,			
degrees								
Vegetation L	and use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	400	metres	
Grasslands	Established urban	Dis	tance to tempora	ıry w	vater source	10	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		в 1 а	ck Wat	
Open forest	Farming-low intensity		me of nearest ter				amed	
Open woodland	Forestry				,			
Scrub	Industrial			Di	irections for Relo	ocation		
Woodland	Mining		Site located in	Hyd	lro-owned buffer	zone (priv	ate property).	
✓ Cleared	Pastoral/grazing		<u> </u>		ydro smelter cor			
✓ Revegetated	Recreation				ro Buffer Zone S	•	for access (02	
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		
IVA	Service corridor							
	✓ Transport corridor							
	Urban expansion				Site Location	Мар		
	N/A	NW	' '	T	N	1 1	1 1	NE
L	N/A							
Current Land Tenure National Park	c / other Government							
Public Dept.								-
✓ Private								
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	ation Map		-
Hydro Aluminium Smelter Site	& Associated Buffer Land							+
- Aboriginal Cultural Heritage		W						Е
(ΑΕCΦΜ Australia Pty Ltd 201		VV	_					_
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			_					
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								-
		SW						SE.
		500			S			SE

page 3





Closed Site Dimensions (m) Internal length

Site Dimensions

Internal width
Shelter height

Shelter floor area

Open Site Dimensions (m)

 1m
 Total length of visible site

 1m
 Average width of visible site

 1m
 Estimated area of visible site

Length of assessed site area

Aboriginal Community Inte	erpretation and Management Recommendations
Preliminary Site Asse	ssment
Site Cultural & Scientific	Analysis and Preliminary Management Recommendations
Hydro-IA20-14 consists of	a complete silcrete flake on an unsealed access track/fire trail on Lot 356 of DP755231. The
site is located on the wester	ern edge of an unnamed 1st order drainage depression. Surrounding native vegetation
	urri Sand Swamp Woodland. The flake, which measures 45.6 (L) x 56.2 (W) x 10.8 (T) mm,
has a cortical platform and	exhibits 1-50% dorsal cortex. GSV on-site is excellent (91-100%). No other artefacts were
	verall site condition can be characterised as poor. Relevant disturbance factors include native
vegetation clearance, acce	ess track/fire trail use and erosion.
This section should only be	filled in by the Endorsees
Endorsed by: Kno	owledge Holder Nominated Trustee Native Title Holder Community Consensus
Endorsed by: Knd	owledge Holder Nominated Trustee Native Title Holder Community Consensus
Endorsed by: Kno Title Organisation	owledge Holder Nominated Trustee Native Title Holder Community Consensus
Endorsed by: Knd	owledge Holder Nominated Trustee Native Title Holder Community Consensus
Endorsed by: Kno Title Organisation	owledge Holder Nominated Trustee Native Title Holder Community Consensus
Endorsed by: Kno Title Organisation Address Phone number	owledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials
Endorsed by: Kno Title Organisation Address Phone number Attachments (No.)	owledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
Endorsed by: Title Organisation Address Phone number Attachments (No.) A4 location map	owledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
Endorsed by: Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs	owledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
Endorsed by: Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs	owledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
Endorsed by: Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides	owledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
Endorsed by: Kno Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs	owledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
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Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings Recording tables	owledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
Endorsed by: Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	owledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax

Hydro-IA20-14



Plate 1 Hydro-IA20-14: silcrete flake



Plate 2 View across site Hydro-IA20-14, looking southeast





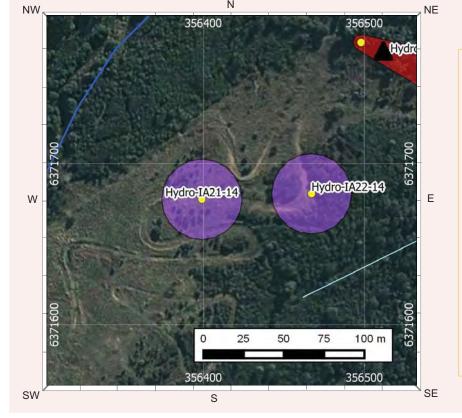
Office Use Only	Site Number	
Date received		
Entered by (I.D.		
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	Client on
		Client on system
Organisation		
Address		
Phone number	Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
Geographic		
	H y d r o - 1 A 2 1 - 1 4	
Easting	3 5 6 3 9 9 Northing 6 3 7 1 6 7 8 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Registration	
	Other Registration	
Primary Re	ocorder	
Title	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation	A E C O M A u s t r a l i a P t y L t d	Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n -	Site Informa	atio	on		page 2	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform L	andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	St	ream bank	
Plain	Coastal rock platform		Cliff		Plain		ream channel	
✓ Rolling hills	Dune		Crest		Ridge		wamp	
Steep hills	Intertidal flat		Flat		Tor		errace	
Undulating plain	Lagoon	1	Lower slope		Valley flat		errace flat	
Slope	Tidal Creek		Mid slope		Levy			
			a opa		,			
degrees								
Vegetation L	and use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	95	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	90	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1	ack Wat	
Open forest	Farming-low intensity		me of nearest ter				named	ī
Open woodland	Forestry				,			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pı	ivate property).	
✓ Cleared	✓ Pastoral/grazing		Access via mai	in H	ydro smelter con	nplex, H	art Lane, Kurri	
Revegetated	Recreation				ro Buffer Zone S	•	r for access (02	
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		
	Service corridor							
L								
L	Transport corridor				Site Location	Мар		
	Urban expansion	NW	1 1	ı	N	1 1		NE
	N/A							
Current Land Tenure	/ other Government		_				1	
Public Dept.	7 other Government						-	
✓ Private								
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map	•	
Hydro Aluminium Smelter Site			_				-	
- Aboriginal Cultural Heritage								Е
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			_				-	
		-						
		SW			S	'	S	SE

page 3

Gene	eral Site Information	Features		
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming	
Shelter/Cave Formation	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering	
Boulder	Boulder	N-S	3. Art	
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact	
Water erosion	Silica gloss	E-W	5. Burial	
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring	
	Weathered	✓ N/A	7. Conflict	
	Other platform		8. Earth Mound	
Condition of Ceiling	Shelter Aspect		9. Fish Trap	
Boulder	North		10. Grinding Groove	
Sandstone platform	North East		11. Habitation Structure	
Silica gloss	East		12. Hearth	
Tessellated	South East		13. Non Human Bone & Organic Material	
Weathered	South		14. Ochre quarry	
Other platform	South West		15. Potential Archaeological Deposit	
	West		16. Stone Quarry	
	North West		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)

 1m
 Total length of visible site

 1m
 Average width of visible site

 1m
 Estimated area of visible site

1m Length of assessed site area

PWS Aboriginal Site	
ooriginal Community Inte	rpretation and Management Recommendations
reliminary Site Asses	ssment
ite Cultural & Scientific A	nalysis and Preliminary Management Recommendations
lydro-IA21-14 consists of a	a unidirectional silcrete core on the edge of a former dirt bike race track on Lot 14 of
P1082775. The landscap	e position of the site is a gently inclined (3-10%) simple slope. Surrounding native vegetation
omprises regenerating Ku	rri Sand Swamp Woodland. The core, manufactured on a flake, measures 26.5 (L) x 26.3 (W)
8.4 (T) mm and exhibits a	single flake removal. Some cortex (1-50%) is present. GSV on-site is very poor (0-10%). No
ther artefacts were observ	ed in the vicinity. Overall site condition can be characterised as poor. Relevant disturbance
actors include native veget	ation clearance and the construction and use of the dirt bike track.
is section should only be t	illed in by the Endorsees
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Kno Title Organisation	wledge Holder Nominated Trustee Native Title Holder Community Consens
Title Organisation Address	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials
ndorsed by: Kno Title Organisation	wledge Holder Nominated Trustee Native Title Holder Community Consens
Title Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials
Title Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number ttachments (No.) A4 location map B/W photographs	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
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Organisation Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
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Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings Recording tables	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax
ndorsed by: Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax

Hydro-IA21-14



Plate 1 Hydro-IA12-14: unidirectional silcrete core



Plate 2 View across site Hydro-IA21-14, looking east





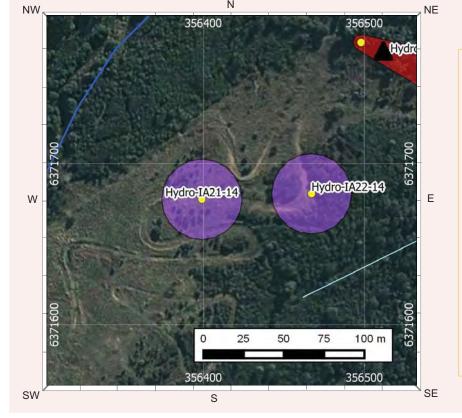
Office Use Only	
Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
	Office Use
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Title Surname First Name Initials	
Title Surname First Name Initials	0.11
	Client on system
Organisation	
Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number Fax Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - I A 2 2 - 1 4	
Easting 3 5 6 4 6 7 Northing 6 3 7 1 6 8 1 AGD/GDA GDA	
Mapsheet Map	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder Title Surname First Name Initials	
Title Surname First Name Initials D r M c L a r e n A n d r e w	
	Oliont
	Client on system
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded D2/07/2014	

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	_andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
✓ Rolling hills	Dune		Crest		Ridge		amp	
Steep hills	Intertidal flat		Flat		Tor		race	
Undulating plain	Lagoon	1	Lower slope		Valley flat		race flat	
	Tidal Creek		Mid slope		Levy		iaco nac	
Slope			j iviid elepe] 2019			
degrees								
Vegetation I	Land use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	150	metres	
Grasslands	Established urban		tance to tempora			55	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		е В 1 а		
Open forest	Farming-low intensity		me of nearest ter				ıamed	
Open woodland	Forestry	, iii		npo.	ary water			
Scrub	Industrial			Di	rections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priv	vate property).	
			Access via mai	in H	ydro smelter con	nplex, Hai	t Lane, Kurri	
Cleared	Pastoral/grazing		Kurri. Contact I	Hydı	ro Buffer Zone S	upervisor	for access (02	
Revegetated	Recreation		4937 0667). Se	ee a	ttached location	тар.		
N/A	Semi-rural							
	Service corridor							
	✓ Transport corridor				Site Location	Мар		
	Urban expansion	NW	1 1	- 1	N	р		NE
	N/A							
Current Land Tenure			_					-
Public National Parl	k / other Government							
✓ Private								
] .		S	ee Attached Loca	tion Map		-
Primary report I.D.	(I.D. Office Use only)							
Hydro Aluminium Smelter Site								
- Aboriginal Cultural Heritage		W	_					. E
(AECOM Australia Pty Ltd 201	4).							
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page 3

General Site Information			Features
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		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)

 1m
 Total length of visible site

 1m
 Average width of visible site

 1m
 Estimated area of visible site

1m Length of assessed site area

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-IA22-14 consists of a split silicified tuff flake on a former dirt bike race track on Lot 14 of DP1082775. The
landscape position of the site is a gently inclined (3-10%) simple slope. Surrounding native vegetation comprises
regenerating Kurri Sand Swamp Woodland. The artefact has a maximum linear dimension of 19.6 mm and exhibits no
cortex. Some cortex (1-50%) is present. GSV on-site is excellent (91-100%). No other artefacts were observed in the
vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation
clearance and the construction and use of the dirt bike track.
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
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
A4 location map
B/W photographs ————————————————————————————————————
✓ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-IA22-14



Plate 1 Hydro-IA22-14: silcrete tuff flake



Plate 2 View across site Hydro-IA22-14, looking south





Office Use Only	
Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Aboriginal Heritage of Cartara Heritage Division Contacts	
Coographic Location	
Geographic Location	
Site Name H y d r o - I A 2 3 - 1 4	
Easting 3 5 7 1 7 7 Northing 6 3 7 1 7 2 1 AGD/GDA GDA	
Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0	
Date recorded 02/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n -	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform [andform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	Stre	am bank
Plain	Coastal rock platform		Cliff		Plain		am channel
✓ Rolling hills	Dune		Crest		Ridge	Swa	
Steep hills	Intertidal flat		Flat		Tor	Terra	·
Undulating plain	Lagoon		Lower slope		Valley flat		ace flat
Slope	Tidal Creek	1	Mid slope		Levy		
			a opa		,		
degrees							
Vegetation L	and use	Wa	ater				
Closed forest	Conservation	Dis	tance to permane	ent v	water source	330	metres
Grasslands	Established urban	Dis	tance to tempora	ary w	vater source	350	metres
Isolated clumps of trees	Farming-intensive	Nai	me of nearest pe	rma	nent water sourc	B l a	ck Wat
Open forest	Farming-low intensity	Nai	me of nearest ter	npo	rary water	Unn	amed
Open woodland	Forestry			•	-		
Scrub	Industrial			Di	irections for Relo	cation	
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priva	ate property).
✓ Cleared	Pastoral/grazing		<u> </u>		ydro smelter con		
✓ Revegetated	Recreation				ro Buffer Zone S		for access (02
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.	
IVA	Service corridor						
L	✓ Transport corridor						
	Urban expansion				Site Location	Мар	
L		NW	1 1	ı	N	1 1	NE
L	N/A						
Current Land Tenure	<pre> ⟨ / other Government</pre>						
Public Dept.	(7 other Government						-
✓ Private							
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map	-
Hydro Aluminium Smelter Site							_
- Aboriginal Cultural Heritage							E
(AECOM Australia Pty Ltd 201		W	_				1
							-
			_				-
			_				
		SW			S		SE

page 3

General Site Information			Features
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Ro	ock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling S	helter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features



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Sita	\mathbf{n}	im	Δn	e i	on	0

Closed Site Dimensions (m)

Internal length
Internal width
Shelter height
Shelter floor area

Open Site Dimensions (m)

1mTotal length of visible site1mAverage width of visible site1mEstimated area of visible site

Length of assessed site area

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
The original community into product and management recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-IA23-14 consists of a complete silicified tuff flake on an unsealed access track/ fire trail on Lot 319 of DP755231.
The landscape position of the site is a very gently inclined (1-3%) mid slope. Surrounding native vegetation comprises
regenerating Kurri Sand Swamp Woodland. The flake, which measures 24.1 (L) x 11.7 (W) x 5.3 (T) mm, has a plain
platform and exhibits no dorsal context. GSV on-site is excellent (91-100%). No other artefacts were observed in the
vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance, access track/fire trail use and erosion.
clearance, access track/file trail use and erosion.
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
Organisation
Address
Phone number Fax
Attachments (No.) Comments
✓ A4 location map
B/W photographs —
Colour photographs
Slides
Aerial photographs —
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-IA23-14



Plate 1 Hydro-IA23-14: silicified tuff flake



Plate 2 View across site Hydro-IA23-14, looking south





Office Use Only Site Number	
	7
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address	
Phone number Fax	
Knowledge Helder	
Title Surname First Name Initials	
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Aboriginal Heritage Officor Cultural Heritage Division Contacts	
Geographic Location	_
Site Name H y d r o - I A 2 4 - 1 4]
Easting 3 5 8 1 7 4 Northing 6 3 7 1 6 0 7 AGD/GDA GDA	
Mapsheet Map	
Zone 56 Location Method Differential GPS	
Other Registration	
Duiman, Dagardan	
Primary Recorder Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0	
Date recorded 02/07/2014	
'	

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	_andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	am bank	
Plain	Coastal rock platform		Cliff		Plain		am channel	
✓ Rolling hills	Dune		Crest		Ridge	Swa		
Steep hills	Intertidal flat	1	Flat		Tor	Terr	•	
Undulating plain	Lagoon	Ť	Lower slope		Valley flat		ace flat	
	Tidal Creek		Mid slope		Levy		acc nat	
Slope			j iviid didpo					
degrees								
Vegetation I	_and use	Wa	ater					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	530	metres	
Grasslands	Established urban	Dis	tance to tempora	arv w	ater source	310	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e Swa		
Open forest	Farming-low intensity		me of nearest ter				amed	ī
Open woodland	Forestry				iony mater			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	elec	tricity easement	in Hydro-	owned buffer	
			zone (private p	rope	erty). Access via	main Hyd	ro smelter	
✓ Cleared	Pastoral/grazing Recreation		complex, Hart	Lan	e, Kurri Kurri. Co	ntact Hydi	o Buffer Zone	
✓ Revegetated			Supervisor for	acce	ess (02 4937 066	67). See a	ttached location	
N/A	Semi-rural		<u>map).</u>					
	Service corridor							
Ĺ	✓ Transport corridor				Site Location	Мар		
Ĺ	Urban expansion	NW	1 1	-	N	· ·	1 1	NE
	N/A							
Current Land Tenure			_					-
Public National Parl	k / other Government							-
✓ Private								
Primary report I.D.				S	See Attached Loca	tion Map		-
Hydro Aluminium Smelter Site	(I.D. Office Use only)							
Land - Aboriginal Cultural Heri								_
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			_					-
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		SW			S		1 [SE

page 3

Gener	al Site Information	Features	
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Rock Surface Condition		Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling S	helter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features N



Site Dime	nsions
Closed Site	Dimensions (m)
	Internal length
	Internal width
	Shelter height
	Shelter floor area
Open Site D	Dimensions (m)
1m	Total length of visible site
1m	Average width of visible site
1m	Estimated area of visible site
1m	Length of assessed site area

IPWS Aboriginal Site	Recording Form - Site Interpretation and Community Statement page 4
boriginal Community Inte	rpretation and Management Recommendations
reliminary Site Asse	ssment
•	Analysis and Preliminary Management Recommendations
	a broken (proximal) silicified tuff flake on an unsealed access track/fire trail on Lot 318 of
•	ted on a broad elevated flat or plateau that houses the Kurri Kurri smelter complex towards its
	ation to the south of the site comprises regenerating Kurri Sand Swamp Woodland. The
	ear dimension of 23.1 mm. GSV on-site is excellent (91-100%). No other artefacts were
	erall site condition can be characterised as poor. Relevant disturbance factors include native
egetation clearance, acce	ss track/fire trail use and erosion.
is section should only be	illed in by the Endorsees
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
Title	Surname First Name Initials
Organisation	
Address	
Phone number	Fax Fax
ttachments (No.)	Comments
A4 location map	
B/W photographs	
Colour photographs	
Slides	
Aerial photographs	
Site plans, drawings	
Recording tables	
Recording tables	

Hydro-IA24-14



Plate 1 Hydro-IA24-14: broken silicified tuff flake



Plate 2 View across site Hydro-IA24-14, looking southeast



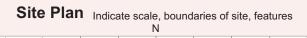


Office Use Only Site Number - -	
Date received / / Date entered into system / / Date catalogued / /	
Entered by (I.D.)	
Information Access	Office Use
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
The Surfame That value	Client on
Organisation	system
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	Ol's at a
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - I A 2 5 - 1 4	
Easting 3 5 8 1 8 5 Northing 6 3 7 1 4 1 3 AGD/GDA GDA	
Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Si	te Recording Forn	n -	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform	_andform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	Stre	am bank
Plain	Coastal rock platform		Cliff		Plain		am channel
✓ Rolling hills	Dune		Crest		Ridge	Swa	
Steep hills	Intertidal flat	1	Flat		Tor	Terra	•
Undulating plain	Lagoon		Lower slope		Valley flat		ace flat
Slope	Tidal Creek		Mid slope		Levy		
			a op.a		,,		
degrees							
Vegetation I	_and use	Wa	ater				
Closed forest	Conservation	Dis	tance to permane	ent v	vater source	510	metres
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	465	metres
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e Swa	mp Ck
Open forest	Farming-low intensity		me of nearest ter				amed
Open woodland	Forestry				,		
Scrub	Industrial			Di	rections for Relo	cation	
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priva	ate property).
✓ Cleared	Pastoral/grazing		Access via ma	in H	ydro smelter con	nplex, Hart	Lane, Kurri
✓ Revegetated	Recreation				o Buffer Zone S		for access (02
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.	
IN/A	Service corridor						
[Transport corridor				Site Location	Мар	
[Urban expansion	NW	1 1		N	1	N
	N/A						
Current Land Tenure	⟨ / other Government ⟩ ⟨ / other Government ⟩		_				-
Public Dept.	(/ other Government						-
✓ Private							
Primary report I.D.	(I.D. Office Use only)			S	ee Attached Loca	tion Map	
Hydro Aluminium Smelter Site							+
- Aboriginal Cultural Heritage							_
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							-
				I		1 1	
		SW			S		SE

page 3

Genera	al Site Information	Features		
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming	
Shelter/Cave Formation Rock Surface Condition		Site Orientation	2. Aboriginal Resource & Gathering	
Boulder	Boulder	N-S	3. Art	
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact	
Water erosion	Silica gloss	E-W	5. Burial	
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring	
	Weathered	✓ N/A	7. Conflict	
	Other platform		8. Earth Mound	
Condition of Ceiling S	nelter Aspect		9. Fish Trap	
Boulder	North		10. Grinding Groove	
Sandstone platform	North East		11. Habitation Structure	
Silica gloss	East		12. Hearth	
Tessellated	South East		13. Non Human Bone & Organic Material	
Weathered	South		14. Ochre quarry	
Other platform	South West		15. Potential Archaeological Deposit	
	West		16. Stone Quarry	
	North West		17. Shell	
			18. Stone Arrangement	
			19. Modified Tree	
			20. Water Hole	



NW 358100 358200 0051259 00712

Site Dimensions								
Closed Site	Dimensions (m)							
	Internal length							
	Internal width							
	Shelter height							
	Shelter floor area							
Open Site D	Dimensions (m)							
1m	Total length of visible site							
1m	Average width of visible site							
1m	Estimated area of visible site							
1m	Length of assessed site area							

poriginal Community Inte	erpretation and Management Recommendations
reliminary Site Asse	ssment
te Cultural & Scientific	Analysis and Preliminary Management Recommendations
	a split silcrete flake on an unsealed access track/fire trail on Lot 318 of DP755231. The site is
-	d flat or plateau that houses the Kurri Kurri smelter complex towards its southern end.
	tion comprises regenerating Kurri Sand Swamp Woodland. The flake, which has been
	aximum linear dimension of 26.6 mm and exhibits no cortex. GSV on-site is excellent
•	cts were observed in the vicinity. Overall site condition can be characterised as poor.
·	rs include native vegetation clearance, access track/fire trail use and erosion.
iolovani alotarbanoo laoto	To mislado manto regeladon elearantes, accesso nacionire nan acce ana electroni
is section should only be	filled in by the Endorsees
ndorsed by: Kno	wledge Holder Nominated Trustee Native Title Holder Community Consens
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ndorsed by: Kno Title Organisation	wledge Holder Nominated Trustee Native Title Holder Community Consens
Title Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consense Surname First Name Initials Fax
Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials
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Organisation Address Phone number ttachments (No.) A4 location map B/W photographs	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
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Organisation Address Phone number ttachments (No.) A4 location map B/W photographs Colour photographs Slides	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
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Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
ndorsed by: Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings Recording tables	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax

Hydro-IA25-14



Plate 1 Hydro-IA25-14: silcrete flake



Plate 2 View across site Hydro-IA25-14, looking southeast





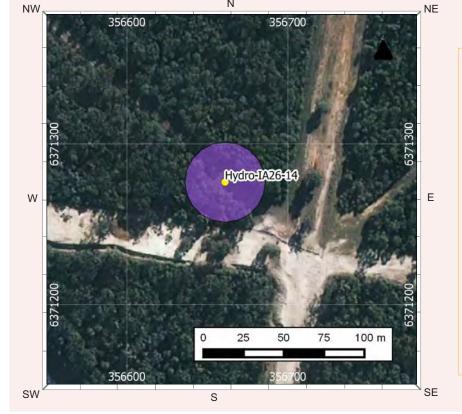
Office Use Only	Site Number	
Date received		
Entered by (I.D.		
Information	Access	
Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
Phone number	Fax	
Knowledg	e Holder	
Title	Surname First Name Initials	Oli a mata a ma
		Client on system
Organisation		
Address		
Phone number	Fax	
	Heritage Unit or Cultural Heritage Division Contacts	
7 to ong man		
Geographic		
Site Name	H y d r o - 1 A 2 6 - 1 4	
Easting	3 5 6 6 6 1 Northing 6 3 7 1 2 7 6 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
	Other Degistration	
	Other Registration	
Drimon, Do	a a a redar	
Primary Re	Surname First Name Initials	
Dr	M c L a r e n A n d r e w	
Organisation	A E C O M A u s t r a l i a P t y L t d	Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Si	te Recording Forn	n - :	Site Informa	atio	on		page 2	
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	Landform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	eam bank	
Plain	Coastal rock platform		Cliff		Plain	H	eam channel	
✓ Rolling hills	Dune		Crest		Ridge	Swa		
Steep hills	Intertidal flat		Flat		Tor	Terr	·	
Undulating plain	Lagoon	1	Lower slope		Valley flat		ace flat	
	Tidal Creek		Mid slope		Levy		add flat	
Slope			, ima elepe					
degrees								
Vegetation	Land use	Wa	nter					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	550	metres	
Grasslands	Established urban	Dis	tance to tempora	arv w	ater source	600	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1 a	ck Wat	٦
Open forest	Farming-low intensity		me of nearest ter				amed	Ī
Open woodland	Forestry				iony mater			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priv	ate property).	
			Access via ma	in H	ydro smelter con	nplex, Har	t Lane, Kurri	
✓ Cleared	Pastoral/grazing Recreation		Kurri. Contact	Hydı	ro Buffer Zone S	upervisor	for access (02	
✓ Revegetated			4937 0667). Se	ee a	ttached location	тар.		
N/A	Semi-rural							
	Service corridor							
	✓ Transport corridor				Site Location	Мар		
	Urban expansion	NW	1 1	Т	N	1 1	NI	Ε
	N/A							
Current Land Tenure			_				-	
Public National Par	k / other Government		_					
✓ Private								
]]		S	See Attached Loca	tion Map	-	
Primary report I.D.	(I.D. Office Use only)							
Hydro Aluminium Smelter Site								
Land - Aboriginal Cultural Her		W	_				. E	E
(AECOM Australia Pty Ltd 201	4).							
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page 3

Gene	eral Site Information	Features			
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming		
Shelter/Cave Formation	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering		
Boulder	Boulder	N-S	3. Art		
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact		
Water erosion	Silica gloss	E-W	5. Burial		
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring		
	Weathered	✓ N/A	7. Conflict		
	Other platform		8. Earth Mound		
Condition of Ceiling	Shelter Aspect		9. Fish Trap		
Boulder	North		10. Grinding Groove		
Sandstone platform	North East		11. Habitation Structure		
Silica gloss	East		12. Hearth		
Tessellated	South East		13. Non Human Bone & Organic Material		
Weathered	South		14. Ochre quarry		
Other platform	South West		15. Potential Archaeological Deposit		
	West		16. Stone Quarry		
	North West		17. Shell		
			18. Stone Arrangement		
			19. Modified Tree		
			20. Water Hole		

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions				
Closed Site Dimensions (m)				
	Internal length			
	Internal width			
Shelter height				
	Shelter floor area			
Open Site D	Dimensions (m)			
1m	Total length of visible site			
1m	Average width of visible site			
1m	Estimated area of visible site			
1m	Length of assessed site area			

NPWS Aboriginal Site	Recording Form - Site Interpretation and Community Statement page 4
boriginal Community Inte	rpretation and Management Recommendations
Preliminary Site Asse	ssment
-	Analysis and Preliminary Management Recommendations
Hydro-IA26-14 consists of	a unidirectional silcrete core in a cleared access track/fire trail reserve on Lot 14 of
	e position of the site is that of a gently (3-10%) inclined lower slope. Surrounding native
•	nerating Kurri Sand Swamp Woodland. The core, manufactured on a large flake, measures
	T) mm and retains 1-50% water-rolled cortex. GSV on-site is fair (31-50%). Ironstone gravels
, , , , , , , , , , , , , , , , , , , ,	her artefacts were observed in the vicinity. Overall site condition can be characterised as
oor. Relevant disturbance	factors include native vegetation clearance and erosion.
nis section should only be	filled in by the Endorsees
Title	wledge Holder
Title	Surfiame First Name militars
Organisation	
Address	
Phone number	Fax Fax
ttachments (No.)	Comments
A4 location map	
B/W photographs	
Colour photographs	
011.1	
Slides	
Aerial photographs	
Aerial photographs	
Aerial photographs Site plans, drawings	
Aerial photographs Site plans, drawings Recording tables	

Hydro-IA26-14



Plate 1 Hydro-IA26-14: unidirectional silcrete core



Plate 2 View across site Hydro-IA26-14, looking northwest





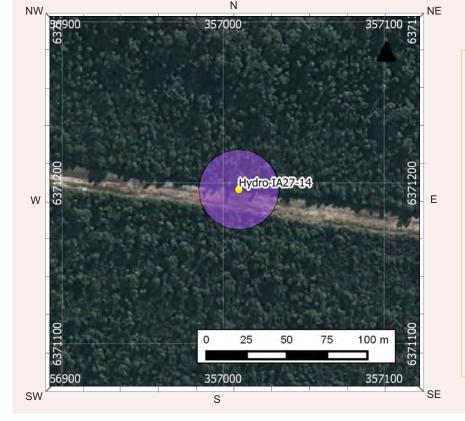
Office Use Only	
Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
	Office Use Only
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
This reality in the second of	Clienton
Organisation	Client on system
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Coographic Location	
Geographic Location	
Site Name H y d r o - I A 2 7 - 1 4	
Easting 3 5 7 0 1 0 Northing 6 3 7 1 1 9 6 AGD/GDA GDA	
Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Other Registration	
Drimany Boorder	1
Primary Recorder Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 George Street Sydney NSW	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n -	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform	andform Unit						
Mountainous	Beach		Tidal Flat		Upper slope	Strea	am bank
Plain	Coastal rock platform		Cliff		Plain		am channel
✓ Rolling hills	Dune		Crest		Ridge	Swar	
Steep hills	Intertidal flat		Flat		Tor	Terra	•
Undulating plain	Lagoon	1	Lower slope		Valley flat		ace flat
Slope	Tidal Creek		Mid slope		Levy		
			a opa		, ,		
degrees							
Vegetation I	and use	Wa	ater				
Closed forest	Conservation	Dis	tance to permane	ent v	water source	665	metres
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	250	metres
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e B 1 a	ck Wat
Open forest	Farming-low intensity		me of nearest ter				amed
Open woodland	Forestry				,		,
Scrub	Industrial			Di	rections for Relo	cation	
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (priva	ite property).
✓ Cleared	Pastoral/grazing		Access via mai	in H	ydro smelter con	nplex, Hart	Lane, Kurri
✓ Revegetated	Recreation				ro Buffer Zone S	•	or access (02
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.	
	Service corridor						
L							
L	Transport comaci				Site Location	Мар	
L	Urban expansion	NW	1 1	ı	N	1	NE
	N/A						
Current Land Tenure	⟨ / other Government		_				-
Public Dept.	(/ other Government						-
✓ Private							
Primary report I.D.	(I.D. Office Use only)		_	S	ee Attached Loca	tion Map	-
Hydro Aluminium Smelter Site							-
- Aboriginal Cultural Heritage							E
(AECOM Australia Pty Ltd 201		W					
			_				_
			_				-
		SW			S	<u> </u>	SE

page 3

Genera	I Site Information	Features			
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming		
Shelter/Cave Formation Roo	ck Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering		
Boulder	Boulder	N-S	3. Art		
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact		
Water erosion	Silica gloss	E-W	5. Burial		
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring		
	Weathered	✓ N/A	7. Conflict		
	Other platform		8. Earth Mound		
Condition of Ceiling Sh	elter Aspect		9. Fish Trap		
Boulder	North		10. Grinding Groove		
Sandstone platform	North East		11. Habitation Structure		
Silica gloss	East		12. Hearth		
Tessellated	South East		13. Non Human Bone & Organic Material		
Weathered	South		14. Ochre quarry		
Other platform	South West		15. Potential Archaeological Deposit		
	West		16. Stone Quarry		
	North West		17. Shell		
			18. Stone Arrangement		
			19. Modified Tree		
			20. Water Hole		

Site Plan Indicate scale, boundaries of site, features N



Site Dimensions				
Closed Site	Dimensions (m)			
	Internal length Internal width			
	Shelter height			
Shelter floor area				
Open Site D	Dimensions (m)			
1m	Total length of visible site			
1m	Average width of visible site			
1m	Estimated area of visible site			

Length of assessed site area

1m

PWS Aboriginal Site	
poriginal Community Inter	rpretation and Management Recommendations
reliminary Site Asses	ssment
-	nalysis and Preliminary Management Recommendations
	broken (proximal) silcrete flake on an unsealed access track/fire trail running along the
•	19 on DP755231. The landscape position of the site is that of a very gently (1-3%) inclined
•	ative vegetation comprises regenerating Kurri Sand Swamp Woodland. The flake, which has
•	a maximum linear dimension of 34.4 mm and exhibits no cortex. GSV on-site is good
	are locally abundant. No other artefacts were observed in the vicinity. Overall site condition
•	or. Relevant disturbance factors include native vegetation clearance, access track/fire trail
se and erosion.	
ndorsed by: Know	wledge Holder Nominated Trustee Native Title Holder Community Consens
ndorsed by: Know Title Organisation	wledge Holder Nominated Trustee Native Title Holder Community Consens
Title Organisation Address	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials
Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens
Organisation Address Phone number	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials
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ndorsed by: Title Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings Recording tables	wledge Holder Nominated Trustee Native Title Holder Community Consens Surname First Name Initials Fax
Organisation Address Phone number Attachments (No.) A4 location map B/W photographs Colour photographs Slides Aerial photographs Site plans, drawings	wledge Holder Nominated Trustee Native Title Holder Community Consensus Surname First Name Initials Fax

Hydro-IA27-14



Plate 1 Hydro-IA27-14: broken silcrete flake



Plate 2 View across site Hydro-IA27-14, looking northwest

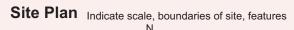




Office Use Only Site Number	
Date received/ Date entered into system/ Date catalogued/	
Entered by (I.D.)	
Information Access	
	ce Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	ent on
Organisation Sy	/stem
Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	nt on
	stem
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
	ent on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	/stem
Phone number 8 9 3 4 0 0 0 0	
Date recorded D2/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n -	Site Informa	atio	on		page 2	
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform L	andform Unit							
Mountainous	Beach		Tidal Flat	√	Upper slope	Stre	am bank	
Plain	Coastal rock platform		Cliff		Plain		am channel	
✓ Rolling hills	Dune		Crest		Ridge	Swa		
Steep hills	Intertidal flat		Flat		Tor	Terr	·	
Undulating plain	Lagoon		Lower slope		Valley flat		ace flat	
	Tidal Creek		Mid slope		Levy		add nat	
Slope	aa e.een		j iiiid olopo					
degrees								
Vegetation L	and use	Wa	ater					
Closed forest	Conservation	Dis	tance to perman	ent v	water source	550	metres	
Grasslands	Established urban	Dis	tance to tempora	ary w	vater source	395	metres	
Isolated clumps of trees	Farming-intensive	Nai	me of nearest pe	rma	nent water sourc	е В 1 а	ck Wat	7
Open forest	Farming-low intensity	Nai	me of nearest ter	npo	rary water	Unn	amed	٦
Open woodland	Forestry			•	-			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	elec	tricity easement	in Hydro-	owned buffer	
✓ Cleared	Pastoral/grazing				erty). Access via			
✓ Revegetated	Recreation		·		e, Kurri Kurri. Co			
N/A	Semi-rural			acce	ess (02 4937 066	67). See at	tached location	
	Service corridor		<u>map.</u>					
	Transport corridor							
	Urban expansion				Site Location	Мар		
	N/A	NW	1 1	T	N	1 1	N	Ε
L	N/A							
Current Land Tenure National Park	/ other Government							
Public Dept.							-	
✓ Private								
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map	1	
Hydro Aluminium Smelter Site	& Associated Buffer						-	
Land - Aboriginal Cultural Herit		10/					F	E
(ΑΕCΦΜ Australia Pty Ltd 201		W	_					Ī
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		6,11						
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page 3





Site Dimensions Closed Site Dimensions (m)

Internal length
Internal width
Shelter height

Shelter floor area

Open Site Dimensions (m)

 1m
 Total length of visible site

 1m
 Average width of visible site

 1m
 Estimated area of visible site

Length of assessed site area

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
The original community many products and management recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-IA28-14 consists of a bifacial silcrete core on an unsealed access track within a cleared powerline easement on
Lot 16 of DP1082775. The landscape position of the site is that of a gently (3-10%) inclined upper slope. Surrounding
native vegetation comprises regenerating Kurri Sand Swamp Woodland and Broad-leaved Ironbark/Spotted Gum Forest.
The core, manufactured on a flake, measures 48.7 (L) x 35.5 (W) x 25.7 (T) mm and and exhibits no cortex. GSV on the
track is generally very good (71-90%) to excellent (91-100%) though locally abundant ironstone gravels blanket the track in areas. No other artefacts were observed in the vicinity. Overall site condition can be characterised as poor. Relevant
disturbance factors include native vegetation clearance, access track/fire trail use and erosion.
distarbance ractors include mative vegetation dearance, access tractorine trail use and crosion.
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
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
✓ A4 location map
B/W photographs —
✓ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-IA28-14



Plate 1 Hydro-IA28-14: bifacial silcrete core



Plate 2 View across site Hydro-IA28-14, looking northwest



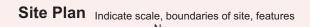


Office Use Only Site Number	
Date received Date entered into system Date catalogued	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	Office Use Only
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
	Client on
Organisation	system
Address Address	
Phone number Fax	
Knowledge Holder	
Title Surname First Name Initials	
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - I A 2 9 - 1 4	
Easting 3 5 6 9 4 6 Northing 6 3 7 0 8 4 6 AGD/GDA GDA	
Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n - :	Site Informa	atio	on		page 2	•
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform L	andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	am bank	
Plain	Coastal rock platform		Cliff		Plain		am channel	
✓ Rolling hills	Dune		Crest		Ridge	Swa		
Steep hills	Intertidal flat		Flat		Tor	Terr	·	
Undulating plain	Lagoon	1	Lower slope		Valley flat		ace flat	
Slope	Tidal Creek		Mid slope		Levy			
			, , .		,			
degrees								
Vegetation L	and use	Wa	iter					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	915	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	265	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e Swa	mp Ck	٦
Open forest	Farming-low intensity		ne of nearest ter				amed	Ī
Open woodland	Forestry				,			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	elec	tricity easement	in Hydro-	owned buffer	
			zone (private p	rope	erty). Access via	main Hyd	ro smelter	
✓ Cleared	Pastoral/grazing Recreation		complex, Hart	Lan	e, Kurri Kurri. Co	ntact Hydi	ro Buffer Zone	
Revegetated			Supervisor for	acce	ess (02 4937 066	67). See a	ttached location	
N/A	Semi-rural		<u>map.</u>					
	Service corridor							
	Transport corridor				Site Location	Мар		
	Urban expansion	NW	1 1		N	1 1	N	۱E
	N/A							
Current Land Tenure	/ - th O t		_				-	
Public Dept.	/ other Government		_				-	
✓ Private								
Primary report I.D.			_	S	See Attached Loca	tion Map	-	
Hydro Aluminium Smelter Site	(I.D. Office Use only)		_					
Land - Aboriginal Cultural Herit								
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		SW			S		S	βE

page 3

Gener	al Site Information		Features
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Ro	ock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling S	helter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole





5

Closed Site Dimensions (m)

Internal length
Internal width
Shelter height
Shelter floor area

Open Site Dimensions (m)

 1m
 Total length of visible site

 1m
 Average width of visible site

 1m
 Estimated area of visible site

1m Length of assessed site area

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
and organization of the second of the second organization organizat
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-IA29-14 consists of a complete silcrete flake on an unsealed access track within a cleared powerline easement on
Lot 16 of DP1082775. The landscape position of the site is that of a very gently (1-3%) inclined lower slope. Surrounding
native vegetation comprises regenerating Kurri Sand Swamp Woodland. The flake, which has been thermally altered,
measures 39.5 (L) x 51.9 (W) x 18.1 (T) mm, has a plain platform and exhibits no dorsal cortex. GSV on the track is
generally very good (71-90%) to excellent (91-100%) though locally abundant ironstone gravels blanket the track in areas. No other artefacts were observed in the vicinity. Overall site condition can be characterised as poor. Relevant
disturbance factors include native vegetation clearance, access track/fire trail use and erosion.
dictarbance hadron manage transfer diseasan dise
This section should only be filled in by the Endorsees
Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consens
Title Surname First Name Initials
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
✓ A4 location map
B/W photographs
Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-IA29-14



Plate 1 Hydro-IA29-14: silcrete flake



Plate 2 View across site Hydro-IA29-14, looking northwest



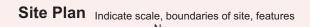


Office Use Only Site Number - -	
Date received / / Date entered into system / / Date catalogued / /	
Entered by (I.D.)	
Information Access	Office Use
Gender/male Gender/female Location restriction General restriction No access	Only
For Further Information Contact:	
Nominated Trustee Title Surname First Name Initials	
The Surfame That Name	Client on
Organisation	system
Address	
Phone number Fax Fax	
Knowledge Holder	
Title Surname First Name Initials	Client on
	Client on system
Organisation	
Address	
Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	_
Site Name H y d r o - I A 3 0 - 1 4	
Easting 3 5 6 9 9 8 Northing 6 3 7 0 7 5 0 AGD/GDA GDA	
Mapsheet Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a I i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded 02/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n -	Site Informa	atio	on		page 2	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform L	andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
✓ Rolling hills	Dune		Crest		Ridge	Swa		
Steep hills	Intertidal flat	1	Flat		Tor	Terr	•	
Undulating plain	Lagoon	Ť	Lower slope		Valley flat		ace flat	
	Tidal Creek		Mid slope		Levy		aco nat	
Slope			j ilila didpo					
degrees								
Vegetation L	and use	Wa	nter					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	830	metres	
Grasslands	Established urban		tance to tempora			100	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e Swa		٦
Open forest	Farming-low intensity		me of nearest ter				amed	ī
Open woodland	Forestry				,			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	elec	tricity easement	in Hydro-	owned buffer	
			zone (private p	rope	erty). Access via	main Hyd	ro smelter	
✓ Cleared	Pastoral/grazing Recreation		complex, Hart	Lane	e, Kurri Kurri. Co	ntact Hyd	ro Buffer Zone	
Revegetated			Supervisor for	acce	ess (02 4937 066	67). See a	ttached location	
N/A	Semi-rural		<u>map.</u>					
	Service corridor							
L	Transport corridor				Site Location	Мар		
L	Urban expansion	NW	1 1	ı	N	1 1	N	NE
	N/A							
Current Land Tenure	- / - th O t		_				-	
Public Dept.	: / other Government		_				_	
✓ Private								
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map		
Hydro Aluminium Smelter Site			_				-	
Land - Aboriginal Cultural Heri								_
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		SW			S		S	SE

page 3

Gener	al Site Information		Features
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation Ro	ock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	✓ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling S	helter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole





5

Closed Site Dimensions (m)

Internal length
Internal width
Shelter height
Shelter floor area

Open Site Dimensions (m)

 1m
 Total length of visible site

 1m
 Average width of visible site

 1m
 Estimated area of visible site

1m Length of assessed site area

Abortginal Community Interpretation and Management Recommendations Hydro-IA30-14 consists of a complete silcrete flake in a cleared powerline easement on Lot 16 of DP1082775. The artefact is located in a sheetwash erosion exposure to the immediate south of a linear strip of regenerating Kurri Sand _ Swamp Woodland. The landscape position of the site is that of a level creek flat associated with an unnamed 2nd order _ tributary of Black Waterholes Creek. Surrounding native vegetation comprises regenerating Kurri Sand Swamp Woodland. The flake measures 25 (L) v. 37 (W) v. 6.6 (T) mm, has a cortical platform and exhibits no dorsal cortex. GSV within the exposure is excellent (91-100%). No other artefacts were observed in the vicinity. Overall site condition can _ be characterised as poor. Relevant disturbance factors include native vegetation clearance and erosion. Preliminary Site Assessment Site Cultural & Scientific Analysis and Preliminary Management Recommendations This section should only be filled in by the Endorsees Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensus Title Sumame First Name Initials Organisation Address Phone number Fax Attachments (No.) Comments Attachments (No.) Comments Attachments (No.) Comments Attachments (No.) Comments				
artefact is located in a sheetwash erosion exposure to the immediate south of a linear strip of regenerating Kurri Sand Swamp Woodland. The landscape position of the site is that of a level creek flat associated with an unnamed 2nd order tributary of Black Waterholes Creek. Surrounding native vegetation comprises regenerating Kurri Sand Swamp Woodland. The flake measures 25 (L) x 37 (W) x 6.6 (T) mm, has a cortical platform and exhibits no dorsal cortex. GSV within the exposure is excellent (91-100%). No other artefacts were observed in the vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance and erosion. Preliminary Site Assessment Site Cultural & Scientific Analysis and Preliminary Management Recommendations 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 Organisation Address Phone number Fax Attachments (No.) Comments Attachments (No.) Comments Attachments (No.) Comments Siddes	Aboriginal Community Interpretation and Management Recommendations			
Swamp Woodland. The landscape position of the site is that of a level creek flat associated with an unnamed 2nd order tributary of Black Waterholes Creek. Surrounding native vegetation comprises regenerating Kurri Sand Swamp Woodland. The flake measures 25 (L) x 37 (W) x 6.6 (T) mm, has a cortical platform and exhibits no dorsal cortex. GSV within the exposure is excellent (91-100%). No other artefacts were observed in the vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance and erosion. Preliminary Site Assessment Site Cultural & Scientific Analysis and Preliminary Management Recommendations 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 Organisation Address Phone number Fax Attachments (No.) Comments Attachments (No.) Comments Slides	Hydro-IA30-14 consists of a complete silcrete flake in a cleared powerline easement on Lot 16 of DP1082775. The			
tributary of Black Waterholes Creek. Surrounding native vegetation comprises regenerating Kurri Sand Swamp Woodland. The flake measures 25 (L) x 37 (W) x 6.6 (T) mm, has a cortical platform and exhibits no dorsal cortex. GSV within the exposure is excellent (91-100%). No other artefacts were observed in the vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance and erosion. Preliminary Site Assessment Site Cultural & Scientific Analysis and Preliminary Management Recommendations This section should only be filled in by the Endorsees Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensus Initials Organisation Address Phone number First Name Initials Attachments (No.) Comments Attachments (No.) Comments Site Colour photographs Slides	artefact is located in a sheetwash erosion exposure to the immediate south of a linear strip of regenerating Kurri Sand			
Woodland. The flake measures 25 (L) x 37 (W) x 6.6 (T) mm, has a cortical platform and exhibits no dorsal cortex. GSV within the exposure is excellent (91-100%). No other artefacts were observed in the vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance and erosion. Preliminary Site Assessment Site Cultural & Scientific Analysis and Preliminary Management Recommendations This section should only be filled in by the Endorsees Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensus Initials Organisation Address Phone number Fax Attachments (No.) Comments V A4 location map BW photographs Slides	Swamp Woodland. The landscape position of the site is that of a level creek flat associated with an unnamed 2nd order			
within the exposure is excellent (91-100%). No other artefacts were observed in the vicinity, Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation clearance and erosion. Preliminary Site Assessment Site Cultural & Scientific Analysis and Preliminary Management Recommendations This section should only be filled in by the Endorsees Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensus Initials Organisation Address Phone number Fax Attachments (No.) Comments V A4 location map B/W photographs Slides	tributary of Black Waterholes Creek. Surrounding native vegetation comprises regenerating Kurri Sand Swamp			
be characterised as poor. Relevant disturbance factors include native vegetation clearance and erosion. Preliminary Site Assessment Site Cultural & Scientific Analysis and Preliminary Management Recommendations This section should only be filled in by the Endorsees Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensus Title Sumame First Name Initials Organisation Address Phone number Fax Attachments (No.) Comments Attachments (No.) Comments Colour photographs Slides	Woodland. The flake measures 25 (L) x 37 (W) x 6.6 (T) mm, has a cortical platform and exhibits no dorsal cortex. GSV			
Preliminary Site Assessment Site Cultural & Scientific Analysis and Preliminary Management Recommendations This section should only be filled in by the Endorsees Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensus Title Sumame First Name Initials Organisation Address Phone number Fax Attachments (No.) Comments V A4 location map B/W photographs Slides	within the exposure is excellent (91-100%). No other artefacts were observed in the vicinity. Overall site condition can			
Site Cultural & Scientific Analysis and Preliminary Management Recommendations This section should only be filled in by the Endorsees Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensus Initials Organisation Address Phone number Fax Attachments (No.) Comments V A4 location map BW photographs Slides	be characterised as poor. Relevant disturbance factors include native vegetation clearance and erosion.			
Site Cultural & Scientific Analysis and Preliminary Management Recommendations This section should only be filled in by the Endorsees Endorsed by: Knowledge Holder Nominated Trustee Native Title Holder Community Consensus Initials Organisation Address Phone number Fax Attachments (No.) Comments V A4 location map BW photographs Slides				
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Site Cultural & Scientific Analysis and Preliminary Management Recommendations This section should only be filled in by the Endorsees Endorsed by:				
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Colour photographs Slides	A4 location map			
Slides	B/W photographs —			
	✓ Colour photographs ————————————————————————————————————			
Aerial photographs ————————————————————————————————————	Slides			
	Aerial photographs			
Site plans, drawings				
Recording tables				
Other				
Feature inserts-No.	Feature inserts-No.			

Hydro-IA30-14



Plate 1 Hydro-IA30-14: silcrete flake



Plate 2 View across site Hydro-IA30-14, looking southeast

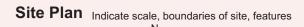


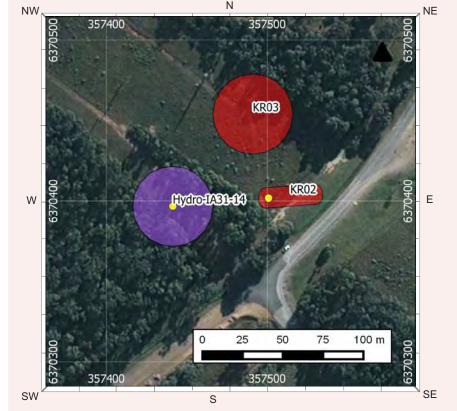


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Site Number						
Date received Date entered into system Date catalogued						
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Information Access						
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Gender/male Gender/female Location restriction General restriction No access	Only					
For Further Information Contact:						
Nominated Trustee Title Surname First Name Initials						
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Geographic Location						
Site Name H y d r o - I A 3 1 - 1 4						
Easting 3 5 7 4 4 1 Northing 6 3 7 0 3 9 7 AGD/GDA GDA						
Mapsheet						
Zone 56 Location Method Differential GPS						
Other Registration						
Cuter registration						
Primary Recorder						
Title Surname First Name Initials						
Dr McLaren Andrew						
Organisation A E C O M A u s t r a I i a P t y L t d	Client on					
Address 4 2 0 George Street Sydney NSW	system					
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1						
Date recorded 02/07/2014						

NPWS Aboriginal Sit	e Recording Forn	n -	Site Informa	atio	on		page 2
	OPEN/CLOSE SITE	Эре	en Site				
Site Context							
Landform	andform Unit						
Mountainous	Beach		Tidal Flat	√	Upper slope	Strea	am bank
Plain	Coastal rock platform		Cliff		Plain		am channel
✓ Rolling hills	Dune		Crest		Ridge	Swar	
Steep hills	Intertidal flat		Flat		Tor	Terra	·
Undulating plain	Lagoon		Lower slope		Valley flat		ace flat
Slope	Tidal Creek		Mid slope		Levy		
					,		
degrees							
Vegetation I	and use	Wa	ater				
Closed forest	Conservation	Dis	tance to perman	ent v	water source	360	metres
Grasslands	Established urban	Dis	tance to tempora	ary w	ater source	225	metres
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e Swa	m p C k
Open forest	Farming-low intensity		me of nearest ter				amed
Open woodland	Forestry			•	,		
Scrub	Industrial			Di	irections for Relo	cation	
Woodland	Mining		Site located in	elec	tricity easement	in Hydro-o	wned buffer
✓ Cleared	Pastoral/grazing		zone (private p	rope	erty). Access via	main Hydr	o smelter
✓ Revegetated	Recreation		·		e, Kurri Kurri. Co		
N/A	Semi-rural		Supervisor for	acce	ess (02 4937 066	67). See at	ached location
	Service corridor		_map.				
L	=						
	Transport corridor				Site Location	Мар	
L	Urban expansion	NW	1 1	ı	N	T I	NE
	N/A						
Current Land Tenure	⟨ / other Government		_				
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Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map	-
Hydro Aluminium Smelter Site							+
Land - Aboriginal Cultural Heri							E
(AECOM Australia Pty Ltd 201		W	_				
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		SW			S	'	SE

page 3





Closed Site	Dimensions (m)
	Internal length
	1 (1 1 1 1 1 1 1

Site Dimensions

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

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Droliminant Site Accoment
Preliminary Site Assessment Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-IA31-14 consists of a complete silicified tuff flake in a cleared powerline easement on Lot 16 of DP1082775. The
landscape position of the site is that of a gently (1-3%) inclined upper slope. Surrounding native vegetation comprises
regenerating Broad-leaved Ironbark/Spotted Gum Forest. The flake measures 38.5 (L) x 23.1 (W) x 11.1 (T) mm, has a
cortical platform and exhibits 1-50% dorsal cortex. GSV on-site is poor (11-30%). No other artefacts were observed in
the vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation
clearance and erosion.
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
Organisation Organisation
Address
Phone number Fax Fax
Attachments (No.) Comments
A4 location map
B/W photographs
Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other Other
Feature inserts-No.
I catule inscris-ino.

Hydro-IA31-14



Plate 1 Hydro-IA31-13: silicified tuff flake



Plate 2 View across site Hydro-IA31-14, looking northwest

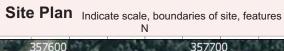




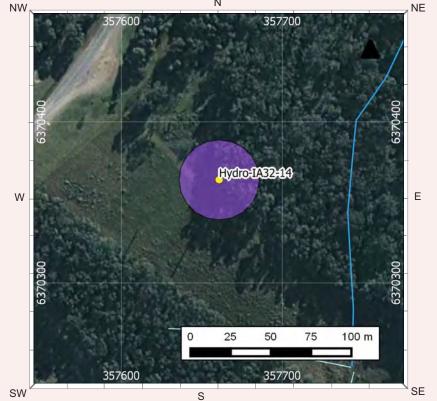
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Geographic Location						
Site Name H y d r o - I A 3 2 - 1 4						
Easting 3 5 7 6 6 1 Northing 6 3 7 0 3 6 4 AGD/GDA GDA						
Mapsheet						
Zone 56 Location Method Differential GPS						
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Primary Recorder Title Surname First Name Initials						
Dr McLaren Andrew						
Organisation A E C O M A u s t r a I i a P t y L t d	Client on					
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system					
Phone number 8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1						
Date recorded 02/07/2014						

NPWS Aboriginal Sit	e Recording Forn	n - :	Site Informa	atio	on		page 2	
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform L	andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Stre	am bank	
Plain	Coastal rock platform		Cliff		Plain		am channel	
✓ Rolling hills	Dune		Crest		Ridge	Swa		
Steep hills	Intertidal flat		Flat		Tor	Terr	·	
Undulating plain	Lagoon		Lower slope		Valley flat		ace flat	
Slope	Tidal Creek	1	Mid slope		Levy			
			, , .		,			
degrees								
Vegetation L	and use	Wa	iter					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	140	metres	
Grasslands	Established urban	Dis	tance to tempora	ırv w	ater source	75	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e Swa	mp Ck	٦
Open forest	Farming-low intensity		ne of nearest ter				am e d	Ī
Open woodland	Forestry				,			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	elec	tricity easement	in Hydro-	owned buffer	
✓ Cleared	Pastoral/grazing		zone (private p	rope	erty). Access via	main Hyd	ro smelter	
Revegetated	Recreation		- 		e, Kurri Kurri. Co			
N/A	Semi-rural		Supervisor for	acce	ess (02 4937 066	67). See a	tached location	
IN/A	=		_тар.					
<u> </u>	Service corridor							
	Transport comider				Site Location	Мар		
	Urban expansion	NW	1 1		N	1 1	N	ΙE
	N/A							
Current Land Tenure	/ other Government		_				1	
Public Dept.	/ other Government		_				-	
✓ Private								
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map	-	
Hydro Aluminium Smelter Site			_				-	
Land - Aboriginal Cultural Herit								_
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page 3



NW



Site Dimensions

Closed Site Dimensions (m)

Internal length Internal width Shelter height

Shelter floor area

Open Site Dimensions (m)

1m Total length of visible site 1m Average width of visible site 1m Estimated area of visible site

1m Length of assessed site area

boriginal Community Inte	erpretation and Management Recommendations
reliminary Site Asse	ssment
•	Analysis and Preliminary Management Recommendations
	a complete silcrete flake on an unsealed access track on Lot 427 of DP755231. The track in
-	stern edge of a cleared powerline easement. The landscape position of the site is that of a
	slope overlooking Swamp Creek. The slope steepens significantly towards the creek.
	ion comprises regenerating Lowland Redgum Forest. The flake measures 51.5 (L) x 38.4 (W)
•	platform and no dorsal cortex. GSV on the track surrounding the artefact is excellent
` ′ .	cts were observed in the vicinity. Overall site condition can be characterised as poor.
,	rs include native vegetation clearance, access track use and erosion.
tolovani distarbance racto	ro molado native vegetation olearanos, assess trask ase ana crosion.
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Hydro-IA32-14



Plate 1 Hydro-IA32-14: silcrete flake



Plate 2 View across site Hydro-IA32-14, looking northwest





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Information Access	Office Use
Gender/male Gender/female Location restriction General restriction No access	Only
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Organisation	system
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Knowledge Holder	
Title Surname First Name Initials	Client on
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Phone number Fax	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name H y d r o - I A 3 3 - 1 4	
Easting 3 5 8 6 3 0 Northing 6 3 7 0 3 3 3 AGD/GDA GDA	
Mapsheet Mapsheet Mapsheet	
Zone 56 Location Method Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
Dr McLaren Andrew	
Organisation A E C O M A u s t r a l i a P t y L t d	Client on
Address 4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number 8 9 3 4 0 0 0 0	
Date recorded 02/07/2014	

NPWS Aboriginal Si	te Recording Forn	n - :	Site Informa	atio	on		page	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform	Landform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	St	ream bank	
Plain	Coastal rock platform		Cliff		Plain		ream channel	
✓ Rolling hills	Dune	1	Crest		Ridge	H	vamp	
Steep hills	Intertidal flat		Flat		Tor		errace	
Undulating plain	Lagoon		Lower slope		Valley flat		errace flat	
	Tidal Creek		Mid slope		Levy		Traco nat	
Slope			, ima elepe					
degrees								
Vegetation	Land use	Wa	nter					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	85	metres	
Grasslands	Established urban		tance to tempora			4 0	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e S w	amp Ck	
Open forest	Farming-low intensity		me of nearest ter				n a m e d	Ħ
Open woodland	Forestry	ivai	ine of fiedrest ter	npoi	rary water			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland			Site located in	Hyd	ro-owned buffer	zone (pr	ivate property).	
	Mining		Access via ma	in H	ydro smelter con	nplex, Ha	art Lane, Kurri	
Cleared	Pastoral/grazing		Kurri. Contact l	Hydı	ro Buffer Zone S	uperviso	r for access (02	
Revegetated	Recreation		4937 0667). Se	ee a	ttached location	map.		
N/A	Semi-rural							
[Service corridor							
[✓ Transport corridor				Site Location	Man		
	Urban expansion	NW	1 1		N			NE
	N/A							
Current Land Tenure			_				-	-
Public National Parl	k / other Government							
✓ Private								
]]	_	S	See Attached Loca	tion Map		-
Primary report I.D.	(I.D. Office Use only)							
Hydro Aluminium Smelter Site								1
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page 3

Gene	ral Site Information	Features	
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation F	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features NE 358600 358700 NE 00000289 NE 358600 358700 00000289 SE SE

Site Dime	nsions
Closed Site	Dimensions (m)
	Internal length
	Internal width
	Shelter height
	Shelter floor area
Open Site D	Dimensions (m)
1m	Total length of visible site
1m	Average width of visible site
1m	Estimated area of visible site
1m	Length of assessed site area

NPWS Aboriginal Site Recording Form - Site Interpretation and Community Statement page 4
Aboriginal Community Interpretation and Management Recommendations
Preliminary Site Assessment
Site Cultural & Scientific Analysis and Preliminary Management Recommendations
Hydro-IA33-14 consists of a complete silcrete flake on an unselaed access track on Lot 789 of DP39701. The track in
question runs more-or-less parallel to the Abedare Railway, which is located approximately 30 m upslope. Hydro-IA33-14
is located on the western edge of a gently (3-10%) to moderately inclined (10-32%) spur crest leading down to Swamp Creek. Unnamed 1st order drainage depressions border the spur crest to the east and west. Surrounding native
vegetation comprises regenerating Broad-leaved Ironbark/Spotted Gum Forest. To the north, along Swamp Creek, a
transition to regenerating Lowland Redgum Forest occurs. The flake, which measures 36.5 (L) x 35.2 (W) x 11.9 (T) mm,
has a plain platform and exhibits 1-50% dorsal cortex. GSV on-site is fair (31-50%). No other artefacts were observed in
the vicinity. Overall site condition can be characterised as poor. Relevant disturbance factors include native vegetation
clearance, access track use and erosion.
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
Title Surfiame Trist Name initials
Organisation Organisation
Address
Phone number Fax
Attachments (No.) Comments
A4 location map
B/W photographs —
✓ Colour photographs
Slides
Aerial photographs
Site plans, drawings
Recording tables
Other
Feature inserts-No.

Hydro-IA33-14



Plate 1 Hydro-IA33-14: silcrete flake



Plate 2 View across site Hydro-IA33-14, looking southwest





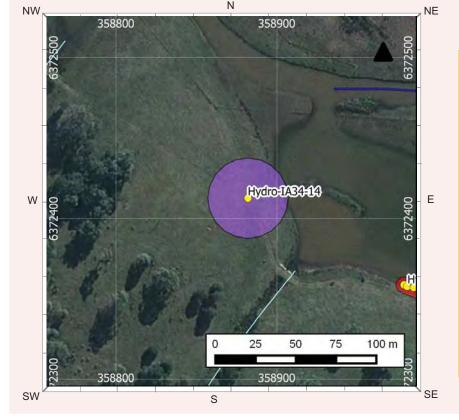
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Gender/ma	le Gender/female Location restriction General restriction No access	Office Use Only
For Further	Information Contact:	
Nominated	d Trustee	
Title	Surname First Name Initials	
		Client on
Organisation		system
Address		
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Knowledg	e Holder	
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Address		
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	Heritage Unit or Cultural Heritage Division Contacts	
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Site Name	H y d r o - 1 A 3 4 - 1 4	
Easting	3 5 8 8 8 2 Northing 6 3 7 2 4 1 3 AGD/GDA GDA	
Mapsheet		
Zone	56 Location Method Differential GPS	
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Primary Re	Surname First Name Initials	
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Organisation		Client on
Address	4 2 0 G e o r g e S t r e e t S y d n e y N S W	system
Phone number	8 9 3 4 0 0 0 0 Fax 8 9 3 4 0 0 0 1	
Date recorded	02/07/2014	

NPWS Aboriginal Sit	e Recording Forn	n - :	Site Informa	atio	on		page 2	2
	OPEN/CLOSE SITE	Эре	en Site					
Site Context								
Landform L	andform Unit							
Mountainous	Beach		Tidal Flat		Upper slope	Str	eam bank	
Plain	Coastal rock platform		Cliff		Plain		eam channel	
✓ Rolling hills	Dune	1	Crest		Ridge		/amp	
Steep hills	Intertidal flat		Flat		Tor		rrace	
Undulating plain	Lagoon		Lower slope		Valley flat		rrace flat	
Slope	Tidal Creek		Mid slope		Levy			
			a e.e.p.a		,			
degrees								
Vegetation L	and use	Wa	nter					
Closed forest	Conservation	Dis	tance to permane	ent v	water source	25	metres	
Grasslands	Established urban	Dis	tance to tempora	arv w	ater source	5 0	metres	
Isolated clumps of trees	Farming-intensive		me of nearest pe	•		e S w	amp Ck	
Open forest	Farming-low intensity		me of nearest ter				named	Ę
Open woodland	Forestry			•	,			
Scrub	Industrial			Di	irections for Relo	cation		
Woodland	Mining		Site located in	Hyd	ro-owned buffer	zone (pr	ivate property).	
✓ Cleared	Pastoral/grazing				ydro smelter con	•		
Revegetated	Recreation				ro Buffer Zone S	•	r for access (02	
N/A	Semi-rural		4937 0667). Se	ee a	ttached location	map.		
IN/A	Service corridor							
	Transport comaci				Site Location	Мар		
	Urban expansion	NW	1 1	1	N	1	1 1	NE
	N/A							
Current Land Tenure	/ other Government		_				-	
Public Dept.	. / other Government		_				-	
✓ Private								
Primary report I.D.	(I.D. Office Use only)		_	S	See Attached Loca	tion Map	-	
Hydro Aluminium Smelter Site			_				_	
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page 3

Gene	eral Site Information		Features
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming
Shelter/Cave Formation	Rock Surface Condition	Site Orientation	2. Aboriginal Resource & Gathering
Boulder	Boulder	N-S	3. Art
Wind erosion	Sandstone platform	NE-SW	√ 4. Artefact
Water erosion	Silica gloss	E-W	5. Burial
Rock collapse	Tessellated	SE-NW	6. Ceremonial Ring
	Weathered	✓ N/A	7. Conflict
	Other platform		8. Earth Mound
Condition of Ceiling	Shelter Aspect		9. Fish Trap
Boulder	North		10. Grinding Groove
Sandstone platform	North East		11. Habitation Structure
Silica gloss	East		12. Hearth
Tessellated	South East		13. Non Human Bone & Organic Material
Weathered	South		14. Ochre quarry
Other platform	South West		15. Potential Archaeological Deposit
	West		16. Stone Quarry
	North West		17. Shell
			18. Stone Arrangement
			19. Modified Tree
			20. Water Hole

Site Plan Indicate scale, boundaries of site, features



Site Dime	nsions
Closed Site	Dimensions (m)
	Internal length Internal width Shelter height
Open Site D	Shelter floor area
1m	Total length of visible site
1m	Average width of visible site
1m	Estimated area of visible site
[1m	Length of assessed site area

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Hydro-IA34-14



Plate 1 Hydro-IA34-14: broken silcrete flake



Plate 2 View across site Hydro-IA34-14, looking southeast