Appendix B

AHIMS search results and site cards



Note: This Excel report shows the sites found in AHIMS on the 02/02/2016. If this date is not the same as the original date of the Search Results letter obtained during the Basic Search, then the search results might be different. The PDF version of this report will always coincide with the Basic Search Results letter.

Site ID	Site name	Datum	Zone	Easting	Northing Context Site status	Primary contact	Site features	Site types	Recorders	Reports Permits	Longitude GDA94	Latitude GDA94
51-6-0770	LKIF2	GDA	55	770593	6157907 Open site Valid		Artefact : -		Ms.Janice Wilson		149.95	-34.69
51-6-0772	LKST1	GDA	55	769879	6157833 Open site Valid		Modified Tree (Carve	ed or Scarred) : -	Ms.Janice Wilson		149.95	-34.69
51-6-0773	LKST2	GDA	55	770873	6157602 Open site Valid		Modified Tree (Carve	ed or Scarred) : -	Ms.Janice Wilson		149.96	-34.69
51-6-0775	Lockyersleigh pad 4	GDA	55	770848	6157526 Open site Valid		Potential Archaeolog	ical Deposit (PAD) : -	Ms.Janice Wilson		149.96	-34.69
51-6-0776	Lockyersleigh Pad 5	GDA	55	770580	6158004 Open site Valid		Potential Archaeolog	ical Deposit (PAD) : -	Ms.Janice Wilson		149.95	-34.68
51-6-0778	LKAS4	GDA	55	770666	6157889 Open site Valid		Artefact : -		Mr.Kirwan Williams		149.95	-34.69
51-6-0781	LKAS6	GDA	55	770067	6158242 Open site Valid		Artefact : -		Ms.Janice Wilson		149.95	-34.68
51-6-0782	LA31 (East) (51-6-03	86 GDA	55	770359	6158155 Open site Valid		Artefact : -, Potential	Archaeological Deposit (PAMr.Kirwan Williams		149.95	-34.68
51-6-0783	LA31 (West) (51-6-03	38(GDA	55	770293	6158151 Open site Valid		Artefact : -, Potential	Archaeological Deposit (PAMs.Janice Wilson		149.95	-34.68
51-6-0784	LKAS1	GDA	55	770862	6157841 Open site Valid		Artefact : -, Potential	Archaeological Deposit (PAMs.Janice Wilson		149.96	-34.69
51-6-0785	LKAS2	GDA	55	770765	6157842 Open site Valid		Artefact : -		Ms.Janice Wilson		149.96	-34.69
51-6-0074	MAS1	AGD	55	771450	6157600 Open site Valid		Artefact : -	Open Camp Site	Mr.David Johnston	99404	149.96	-34.69
51-6-0075	MIF 1	AGD	55	771900	6157800 Open site Valid		Artefact : -	Isolated Find	Mr.David Johnston	99323,99404	149.97	-34.68
51-6-0076	MAS 4	AGD	55	771400	6157280 Open site Valid		Artefact : -	Open Camp Site	Mr.David Johnston	99404	149.96	-34.69
51-6-0077	MAS 5	AGD	55	771450	6157320 Open site Valid		Artefact : -	Open Camp Site	Mr.David Johnston	99404	149.96	-34.69
51-6-0079	MAS 3	AGD	55	771300	6157250 Open site Valid		Artefact : -	Open Camp Site	Mr.David Johnston	99404	149.96	-34.69
51-6-0080	MAS 2	AGD	55	771300	6157320 Open site Valid		Artefact : -	Open Camp Site	Mr.David Johnston	99404	149.96	-34.69
51-6-0737	HSP17	GDA	55	772905	6157718 Open site Valid		Artefact : 1		Navin Officer Heritage	e Consultants Pty Ltd, Doctor. Rebecca Parkes	149.98	-34.69
51-6-0741	HSP23	GDA	55	772119	6157322 Open site Valid		Artefact : 1, Potentia	Archaeological Deposit	P/Navin Officer Heritage	Consultants Pty Ltd, Doctor. Rebecca Parkes	149.97	-34.69
51-6-0742	HSP24	GDA	55	772476	6157513 Open site Valid		Artefact : 1		Navin Officer Heritage	e Consultants Pty Ltd, Doctor. Rebecca Parkes	149.97	-34.69
51-6-0743	HSP25	GDA	55	773699	6158037 Open site Valid		Artefact : 1, Potentia	Archaeological Deposit	P/Navin Officer Heritage	Consultants Pty Ltd, Doctor. Rebecca Parkes	149.99	-34.68
51-6-0746	HSP28	GDA	55	773309	6157867 Open site Valid		Artefact : 1		Navin Officer Heritage	e Consultants Pty Ltd, Doctor. Rebecca Parkes	149.98	-34.68
51-6-0709	HSP17(23-24)	GDA	55	772837	6157693 Open site Valid		Artefact : 1		Navin Officer Heritage	e Consultants Pty Ltd	149.98	-34.69
51-6-0386	LA 31	AGD	55	770149	6157993 Open site Valid	Searle	Artefact : 6		Archaeological Herita	ge 99620	149.95	-34.68
51-6-0387	LA 32	AGD	55	770355	6157884 Open site Valid	Searle	Artefact : 1		Archaeological Herita	ge 99620	149.95	-34.68
51-6-0388	LA 33	AGD	55	771087	6157544 Open site Valid	Searle	Artefact : 1		Archaeological Herita	ge 99620	149.96	-34.69
51-6-0747	GL1 - Gunlake Quari	ry ∸GDA	55	771978	6159494 Open site Destroyed		Artefact : 6		Mr.David Johnston	100850,102040	149.97	-34.67
51-6-0749	GL3 - Gunlake Quari	y (GDA	55	772393	6160148 Open site Destroyed	Ms.Delise Freeman	Artefact : 3		Mr.David Johnston	100850,102040	149.97	-34.66
51-6-0750	GL123 (Gunlake Qua	arry AGD	55	772269	6159941 Open site Valid	Ms.Delise Freeman	Artefact : 15		Mr.Edward ONeil	100850,102040	149.97	-34.66
51-6-0748	GL2 - Gunlake Quari	yźGDA	55	772251	6159535 Open site Destroyed		Artefact : 6		Mr.David Johnston,AA	AS 100850,102040	149.97	-34.67

Report generated by AHIMS Web Service on 02/02/2016 for Ryan Desic for the following area at Datum :GDA, Zone : 55, Eastings : 769800 - 773900, Northings : 6157300 - 6161300 with a Buffer of 0 meters. Additional Info : Archaeological assessment. Number of Aboriginal sites and Aboriginal objects found is 30 This information is not guaranteed to be free from error omission. Office of Environment and Heritage (NSW) and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.



Aboriginal Site Recording Form



AHIMS Registrar PO Box 1967, Hurstville NSW 2220

Office Use Only						
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						
Knowledge Holder						
Title Surname First Name Initials	Client on					
	system					
Organisation						
Address						
Phone number						
Aboriginal Heritage Unit or Cultural Heritage Division Contacts						
Geographic Location						
Site Name G L 4						
Easting 2 2 3 9 0 Northing 6 1 5 8 9 2 7 AGD/GDA GDA						
Mapsheet Mapsheet						
Zone 55 Location Method Non-Differential GPS						
Other Registration						
Primary RecorderTitleSurnameFirst NameInitials						
M R D e s i c R y a n I						
Organisation E M M	Client on					
Address P O B O X 2 1 S t L e o n a r d s N S W Image: N	system					
Phone number 9 4 9 5 0 0 Fax 1 <th1< th=""> 1 1 <</th1<>						
Date recorded 27/07/2015						

NPWS Aboriginal Site Recording Form - Site Information page 2								
	OPEN/CLOSE SITE	pen Site						
Site Context								
Landform La	andform 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 La	and use	Water						
Closed forest	Conservation	Distance to permanent water source	3,000 metres					
Grasslands	Established urban	Distance to temporary water source	1 metres					
Isolated clumps of trees	Farming-intensive	Name of nearest permanent water source						
Open forest	Farming-low intensity	Name of nearest temporary water	Joarimin					
Open woodland	Forestry							
Scrub	Industrial	strial Directions for Relocation						
Woodland	Mining	· · · · · · · · · · · · · · · · · · ·						
	Pastoral/grazing	· · · · · · · · · · · · · · · · · · ·						
Revegetated	Recreation							
N/A	Semi-rural							
	Service corridor							
	Transport corridor							
	Urban expansion	Site Location M						
	Residential							
Current Land Tenure								
	/ other Government							
Public Dept.								
Primary report I.D.	(I.D. Office Use only)							
		w						
		SW S						
		SW S	SE					

NPWS Aboriginal Site Recording Form - Site Informationpage 3							
Ge	neral Site Information		Features				
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming				
Shelter/Cave Formation	n 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				





Length of assessed site area

NPWS Aboriginal Site Recording Form	- Site Interpretation and Community Statement	page 4
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Aboriai	nal C	community	Inter	oretation	and I	Manad	ement	Recom	mendations
- songi		, on manney	miller	protation	unui	nunug	Children		nenautons

Preliminary Site Assessment

Site Cultural & Scientific Analysis and Preliminary Management Recommendations

The significance of this site is attached. For further information refer to the report: 'EMM 2016, Gunlake Quarry Extension Project, Aboriginal cultural heritage assessment, including the results of a test excavation, prepared for Gunlake Quarries Pty Ltd'

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	Open stone artefact site identified on a dan	<u>n wall on a first-order tr</u>	ibutary to Chapman's				
B/W photographs	Creek. Artefacts comprise:	Creek. Artefacts comprise:					
Colour photographs	- 1 quartz core with two visible flake scars						
Slides	<u>- 1 quartz distal flake</u>						
Aerial photographs	- 1 quartz core with one visible flake scar						
Site plans, drawings							
Recording tables							
Other							

Feature inserts-No.







Table 9.1 Statement of scientific significance for surface and subsurface Aboriginal sites

Site name	Research potential	Rarity and representativeness	Integrity	Research themes	Educational value	Overall archaeological significance rating
GL4	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type of low density in a highly disturbed context.	The site is comprises common material and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site is sparse and its contents are not easily identifiable examples of stone artefacts.	GL4 is a common low density open stone artefact scatter in a disturbed context.
GL5	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter with deposit)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site contains very sparse subsurface material in minor eroded deposit.	The site does not contribute to questions of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL5 is a common low density open stone artefact scatter with very limited subsurface deposit.
GL6	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site is on a erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL6 is a common low density open stone artefact scatter.
GL7	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	Identified on eroding creek bank. Provenance unknown.	The site does not contribute to issues of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL7 is a common low density open stone artefact scatter.
GL8	Low:	Low:	Low:	Low:	Moderate:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage, including one retouched. flake.	The site comprises common materials and artefact types.	The site is on a erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	Contains easily identifiable artefact types including a retouched flake.	GL8 is a common low density open stone artefact scatter.
GL9	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site is on an eroding creek bank. Provenance unknown.	The site does not contribute to issues of chronology or tool manufacture	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL9 is a common low density open stone artefact scatter.
GL10	Low:	Low:	Low:	Low:	Low:	Low:
			The site is in a highly	The site does not	The site's contents are	GL10 is a common low density





Aboriginal Site Recording Form



AHIMS Registrar PO Box 1967, Hurstville NSW 2220

Office Use Only						
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						
Knowledge Holder						
Title Surname First Name Initials	Client on					
	system					
Organisation						
Address						
Phone number						
Aboriginal Heritage Unit or Cultural Heritage Division Contacts						
Geographic Location						
Site Name G L 5						
Easting 2 2 0 6 1 5 8 4 2 8 AGD/GDA GDA						
Mapsheet Mapsheet						
Zone 55 Location Method Non-Differential GPS						
Other Registration						
Primary RecorderTitleSurnameFirst NameInitials						
M R D e s i c R y a n I						
Organisation E M M OF A	Client on					
Address P O B O X 2 1 S t L e o n a r d s N S W Image: N S M	system					
Phone number 9 4 9 5 0 0 Fax 1 <th1< th=""> 1 1 <</th1<>						
Date recorded 27/07/2015						

NPWS Aboriginal Site Recording Form - Site Information page 2									
	OPEN/CLOSE SITE	Dpen 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 permane	nt water source	3,000 metres					
Grasslands	Established urban	Distance to temporar	y water source	5 metres					
Isolated clumps of trees	Farming-intensive	Name of nearest per	manent water source						
Open forest	Farming-low intensity	Name of nearest tem	porary water	Joarimin					
Open woodland	Forestry								
Scrub	Industrial		Directions for Reloca	ation					
Woodland	Mining								
Cleared	Pastoral/grazing								
✓ Revegetated	Recreation								
N/A	Semi-rural								
	Service corridor								
	Transport corridor								
	Urban expansion	NW	Site Location N	lap NE					
	Residential								
Current Land Tenure									
Public National Par	k / other Government								
✓ Private									
Primary report I.D.	(I.D. Office Use only)								
				N					
		w		E					
				4					
		SW	S	SE					

NPWS Aboriginal Site Recording Form - Site Informationpage 3							
Ge	neral Site Information		Features				
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming				
Shelter/Cave Formation	n 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				





Length of assessed site area

NPWS Aboriginal Site Recording Form	- Site Interpretation and Community Statement	page 4
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Aboriginal Cor	mmunity Interpretation a	and Management R	ecommendations
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Preliminary Site Assessment

Site Cultural & Scientific Analysis and Preliminary Management Recommendations

The significance of this site is attached. For further information refer to the report: 'EMM 2016, Gunlake Quarry Extension Project, Aboriginal cultural heritage assessment, including the results of a test excavation, prepared for Gunlake Quarries Pty Ltd'

This section should only be filled in by the Endorsees

Feature inserts-No.

Endorsed by: Know	ledge Holder Nominated Trustee Native Title Holder Community Consensus
Title	Surname First Name Initials
Organisation	
Address	
Phone number	Fax
Attachments (No.)	Comments
✓ A4 location map	Open stone artefact site identified adjacent to second-order tributary to Chapman's
B/W photographs	Creek. Artefacts comprise:
Colour photographs	- 1 chalcedony distal flake
Slides	- 1 quartz distal flake
Aerial photographs	
Site plans, drawings	
Recording tables	
Other	











Table 9.1 Statement of scientific significance for surface and subsurface Aboriginal sites

Site name	Research potential	Rarity and representativeness	Integrity	Research themes	Educational value	Overall archaeological significance rating
GL4	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type of low density in a highly disturbed context.	The site is comprises common material and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site is sparse and its contents are not easily identifiable examples of stone artefacts.	GL4 is a common low density open stone artefact scatter in a disturbed context.
GL5	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter with deposit)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site contains very sparse subsurface material in minor eroded deposit.	The site does not contribute to questions of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL5 is a common low density open stone artefact scatter with very limited subsurface deposit.
GL6	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site is on a erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL6 is a common low density open stone artefact scatter.
GL7	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	Identified on eroding creek bank. Provenance unknown.	The site does not contribute to issues of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL7 is a common low density open stone artefact scatter.
GL8	Low:	Low:	Low:	Low:	Moderate:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage, including one retouched. flake.	The site comprises common materials and artefact types.	The site is on a erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	Contains easily identifiable artefact types including a retouched flake.	GL8 is a common low density open stone artefact scatter.
GL9	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site is on an eroding creek bank. Provenance unknown.	The site does not contribute to issues of chronology or tool manufacture	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL9 is a common low density open stone artefact scatter.
GL10	Low:	Low:	Low:	Low:	Low:	Low:
	The site is a common	The site comprises common	The site is in a highly	The site does not	The site's contents are	GL10 is a common low density

Office of Environment & Heritage

Aboriginal Site Impact Recording Form

AHIMS Registrar

PO Box 1967, Hurstville 2220 NSW April 2012 OEH 2012/0558

1 This form must be completed following impacts to AHIMS sites that are:

a) a result of test excavation carried out in accordance with the Code of Practice for the Archaeological Investigation of Aboriginal Objects in NSW

- b) authorised by an Aboriginal Heritage Impact Permit (AHIP) issued by the Office of Environment and Heritage (OEH)
- c) undertaken for the purpose of complying with Director General's Requirements issued by the Department of Planning and Infrastructure (DP&I) for:
 - State Significant Development (SSD Part 4),
 - State Significant Infrastructure (SSI Part 5.1), or
 - A Major Project (Part 3A now repealed) under the Environmental Planning and Assessment Act 1979 (EP&A Act), or
- d) authorised by a SSD/SSI/Part 3A consent/approval under the EP&A Act.
- Completed forms must be submitted to the AHIMS Registrar (www.environment.nsw.gov.au/contact/AHIMSRegistrar.htm).
 This form is intended to complement (not replace) the AHIMS Site Recording Form. Where there is a need to provide detailed
 - information about the nature of a site, use the AHIMS Site Recording Form.
- 4 This form does not replace the need to submit reports to OEH (as a condition of an AHIP or SSD/SSI/Part 3A consent/approval) This form must be submitted in addition to any reports.

AHIMS site ID:

Site impact authorisation (select one)	Reference numbers, dates								
Archaeological Code (The impacts to this site were the result of test excavation carried out in accordance with	Date OEH was notified (under requirement 15c of the Code):								
the Code of Practice for the Archaeological Investigation of Aboriginal Objects in NSW.)	OEH Regional office notified:								
	AHIP number:								
AHIP (The impacts to this site were authorised by an AHIP.)	Date issued/signed:								
	AHIMS permit ID/number:								
SSD/SSI/Part 3A application (The impacts to this site were undertaken for the purposes of complying with	Project number: SSD 15_7090								
Director General's Requirements issued by the DP&I	Date Director General's								
	Requirements issued:								
SSD/SSI/Part 3A approved project (The impacts to this	or								
site were authorised by a consent/approval under Parts 4/5.1/3A of the EP&A Act.)	Date of project approval:								
Site status following impacts:									
Not a site (The investigations concluded that this is not a s	site.)								
Valid site (The investigations confirmed that this is an Abo	riginal site.)								
Partially destroyed (The site was partially destroyed follow	wing authorised impacts; a portion of the site remains in situ.)								
Destroyed (The site was completely destroyed following a	uthorised impacts.)								
Geographic location									
Site name: GL5									
Easting: 222061 Northing: 615	58428 Coordinates must be in GDA (MGA)								
Map sheet:									
Zone: 55 Location method:	Hand Held/Non Differential GPS								

Primary recorder (The person responsible for the completion and submission of this form)

Title	Surname	_	First name								
MR Desi	ic		Ryan								
Organisation:	Organisation: EMM Consulting										
Address:	Address: PO BOX 21 St Leonards NSW										
Phone: 9493	39500 E-mail:										
Date recorded:	27/07/2015 Fax:										
2. Abc 3. Art 4. Arte 5. Buri 6. Cer 7. Cor 8. Ear 9. Fish	te: Open original ceremony and dreaming 1 original resource and gathering 1 efact 1 ial 1 remonial ring 1 nflict 1 th mound 1	1. 2. 3. 5. 6. 7. 8. 9.	Habitation structure Hearth Non-human bone and organic material Ochre quarry Potential archaeological deposit Stone quarry Shell Stone arrangement Modified tree Water hole								

Site condition

Written description of the condition of the AHIMS site (including relevant features) following the authorised impact of the site

The site has been partially destroyed through the placement of two 1 m x 1 m test pits along Transect 3 within the surface site boundary where artefacts were recovered in one of the pits. The attached figure shows the placement of the test pits and the nearby artefact frequencies. The test pits have been back-filled.

Site map

Clearly demarcate the original AHIMS site boundary, show the boundaries of impacted areas and the areas where the site remains in situ. Display map coordinates.



Methodology and results Summary of the methodology and results of the activity or works undertaken through the authorised impacts, as relevant to the AHIMS site

The excavation method and a summary of the results are attached. The artefacts recovered are also attached.

Management recommendations

Summary of any management recommendations for the AHIMS site

It is recommended that this site is subject to surface artefact collection only in accordance with the report: 'EMM 2016, Gunlake Quarry Extension Project, Aboriginal cultural heritage assessment, including the results of a test excavation, prepared for Gunlake Quarries Pty Ltd'

Post-investigation significance

Discuss if the scientific/archaeological or cultural significance of the site has changed in light of the results of the investigations or works conducted at the site.

The site is assessed to be of moderate archaeological significance (see attached)

Additional comments

7 Archaeological test excavation

7.1 Overview

EMM archaeologists, accompanied by Aboriginal site officers, conducted an archaeological test excavation in the extension area over five days from 6 to 10 October 2015. The excavation team comprised 10 people made up of five archaeologists and up to five Aboriginal site officers on each day. All RAPs were invited to provide a representative according to a roster.

The purpose of the archaeological test excavation was to characterise the integrity, extent, distribution, nature and overall significance of the archaeological record. A greater understanding of the archaeological resource in the extension area has contributed to appropriate management recommendations.

The results of background research for the region and the archaeological survey of the extension area justified the requirement for an archaeological test excavation, primarily because:

- The survey results identified an extensive open stone artefact concentration made up of sites GL14a, b, c and d (Figure 6.2). These sites have a combined artefact frequency of potentially 300–400 artefacts including flakes, cores and tools which indicates an expansive tool manufacture site. This is almost twice the frequency of the largest open stone artefact site identified at the nearby Lynwood Quarry (170 artefacts) (Umwelt 2010, Appendix p.7). Test excavation could resolve whether the surface material is indicative of a more extensive subsurface deposit, which would have implications for the significance and management requirements of the sites.
- There are landforms in the extension area, notably those in the proposed pit extension area, that are heavily grassed and did not reveal Aboriginal objects. Test excavation could identify whether Aboriginal sites occur in these contexts in addition to those identified on similar landforms where adequate ground exposures exist.
- The results of previous assessments for Gunlake have indicated that the surrounding areas surveyed were of low archaeological potential. Test excavation could identify if certain areas of the local landscape were favoured by Aboriginal people in the past, which may be attributed to mirco-topographic variations such as rock outcrop and water availability.

7.2 Strategy

The aims of the test excavation were to:

- characterise the subsurface archaeological deposit in areas of known surface sites;
- verify the presence of subsurface Aboriginal objects in landforms where surface sites have not been identified (possibly because of low ground surface exposure and visibility conditions); and
- identify areas of low archaeological potential, indicated by the low frequency or absence of artefacts and/or drop-off in artefact frequency along transects.

Table 7.1 presents the landforms targeted for excavation and the hypothesis to be tested for each landform type.

7.7 Artefact frequency and distribution

Artefact frequencies for each test pit are presented in Table 7.3 and are shown in Figure 7.10. During the test excavation, 89 artefacts were recovered from the 42 test pits. This equates to an average density of 2.12 artefacts/m². One third (15) of the test pits contained artefacts. Artefact frequencies within the 42 individual 1 metre squares ranged from zero to 20 artefacts/m². All but four of the artefacts (95%) were recovered from the upper 20 cm of soil, and after the excavation method was revised to excavate according to soil horizon, it was established that artefacts were invariably confined to the A1 soil horizon (approximately the upper 10 cm).

The majority of stone artefacts were identified in Transects 5 (39%) and 8 (24%).

Transects 1 and 2 did not yield artefacts.

Number of Total artefacts per transect Transect Test pit Landform type artefacts 1 0 703E 860N Foot slope 0 0 723E 860N 743E 860N 0 763E 860N 0 783E 860N 0 0 2 936E 454N 0 Hill spur crest 936E 474N 0 936E 494N 0 936E 514N 0 0 936E 534N 3 794E 612N 5 3 Foot slope 794E 632N 0 794E 652N 0 814E 612N 2 4 125E 484N 0 14 Hill spur crest 145E 484N 0 165E 484N 0 185E 484N 1 205E 484N 0 225E 484N 13 5 35 136 E 404N 6 Hill spur crest 136E 424N 20 136E 444N 1 136E 464N 8 136E 384N 0 6 2 062E 241N 0 Hill spur crest 082E 241N 2 102E 241N 0 10 Hill slope 122E 241N 6 142E 241N 4

Table 7.3 Artefact frequencies for each test pit

ransect	Test pit	Number of artefacts	Total artefacts per transect	Landform type
	162E 241N	0		
	182E 241N	0		
	202E 221N	0		
	222E 221N	0		
7	106E 202N	2	2	Hill slope
	126E 202N	0		
	146E 202N	0		
	166E 202N	0		
	186E 202N	0		
8	062E 261N	2	21	Hill spur crest
	062E 281N	6		
	062E 301N	13		
Total			89	

Table 7.3Artefact frequencies for each test pit

Approximately 80% of artefacts (n=72) were recovered from the hill spur crest in the proposed embankment area. Artefact distribution across the landform was not consistent and 6 out of the 16 pits (37%) did not contain artefacts and only three pits contained over 10 artefacts. Conversely, no artefacts were recovered from the hill spur crest in the proposed pit extension area (Transect 2) and only 5 artefacts (6%) were identified in the proposed pit extension area as a whole. Considerably fewer artefact frequencies were recovered from hill slope (13%) and foot slope landforms (7%). Overall, low average frequencies were recovered per landform type, ranging from 1 to 3.4 artefacts per m² (Table 7.4). An example of artefacts from a test pit with the highest frequency is shown in Photograph 7.2.

Table 7.4 Artefact frequency and average frequency per landform

Landform type	Number of pits	Artefact total	Average frequency per m ²
Foot slope	9	5	1.8
Hill spur crest	21	72	3.4
Hill slope	12	12	1.0
Total	42	89	2.12





Gunlake Quarry Aboriginal Cultural Heritage Assessment

ARTEFACT	transect	pit	spit	Туре	Implement	Raw	Length	Weight	Comment	Colour
ID						material				
1395	3	794E 612N	1	Flake		Quartz	15	1.64	Feather termination	Milky
1396	3	794E 612N	1	Flake		Quartz	13	0.46	step termination. One dorsal ridge.	Milky
1397	3	794E 612N	1	Flake		Quartz	18	2.05	Smoky	Milky
1373	3	814E 612N	1	Flake		Quartz	26	3.65	Yellowish . Feather termination	Crystal
1374	3	814E 612N	1	xFlaked piece		Quartz	11	0.38		Milky
1394	4	185E 484N	1	Flake		Quartz	8	0.24		Milky
1393	4	225E 484N	2	Core		Silcrete	35	19.36	15% cortex. Flake that has	Light Grey
									become a core. Numerous step terminations	
1398	4	225E 484N	1	Flake		Silcrete	14	0.97	Possibly heat treated. Potlid like indentation on dorsal surface. Flat flake.	Red
1399	4	225E 484N	1	Flake		Silcrete	25	1.77	Flat flake. Step termination	Light Grey
1400	4	225E 484N	1	Flake		IMT	19	0.87	One dorsal ridge.	Light Brown
1401	4	225E 484N	1	Distal Flake		IMT	15	1.66	One dorsal ridge.	Light Brown
1402	4	225E 484N	1	Distal Flake		Silcrete	15	0.45	Flat flake, step termination	Light Grey
1403	4	225E 484N	1	Distal Flake		IMT	18	0.66		Light Brown
1404	4	225E 484N	1	Distal Flake		Silcrete	12	1.55	Feather termination	Dark grey
1405	4	225E 484N	1	Distal Flake		Silcrete	10	0.59	Feather termination	Light Grey
1406	4	225E 484N	1	Flake		Silcrete	10	0.37	Step termination	Light Grey
1407	4	225E 484N	1	core		IMT	19	2.55	Rotated core	Light Grey
1461	4	225E 484N	surface	Distal Flake		Silcrete	21	2.79	hinge termination	Light Grey
1462	4	225E 484N	surface	Distal Flake		Silcrete	21	2.79	Feather termination	Light Grey
1416	5	136E 404N	1	Flake		Silcrete	10	0.68	Wide, flat flake. Step termination	Brown
1417	5	136E 404N	1	Flake		Silcrete	17	1.33	Wide, flat flake. Step termination, pinkish grey.	Light Grey
1418	5	136E 404N	1	Flake		Silcrete	11	0.53	Flat flake. Feather termination.	Light Grey
1419	5	136E 404N	1	Distal Flake		Silcrete	29	3.33	Step termination, waves of compression	Brown
1420	5	136E 404N	1	Flake		Silcrete	15	0.43	waves of compression	Brown
1421	5	136E 404N	1	Distal Flake		Silcrete	16	0.33	waves of compression	Brown

ARTEFACT ID	transect	pit	spit	Туре	Implement	Raw material	Length	Weight	Comment	Colour
1375	5	136E 424N	1	Retouched flake		Silcrete	24	2.08	Platform preparation. 2 dorsal ridges, step termination. Retouch on lateral margins onto dorsal surface, pressure flaked.	Light Grey
1376	5	136E 424N	1	Retouched flake		Silcrete	22	0.98	Flat flake, feather termination.Retouch on distal margin, pressure flaked	Light Grey
1377	5	136E 424N	1	Flake		Silcrete	11	1.24	Feather termination	Dark grey
1378	5	136E 424N	1	Flake		Silcrete	10	0.71	Wide flake. One dorsal ridge, step termination	Red
1379	5	136E 424N	1	Flake		Quartz	22	1.4	Cream -white. One dorsal ridge, feather termination	Crystal
1380	5	136E 424N	1	Flake		Quartz	11	0.13	Flat flake, feather termination. Pinkish seam.	Milky
1381	5	136E 424N	1	Core		Quartz	14	0.13	Greyish.	Crystal
1382	5	136E 424N	1	Longitudinal split		Silcrete	12	0.46	cortex covers dorsal side	Light Grey
1383	5	136E 424N	1	Distal Flake		Silcrete	9	0.59		Dark grey
1384	5	136E 424N	1	Distal Flake		Silcrete	19	1.97	Compression waves. Cortex covers dorsal surface	Dark grey
1385	5	136E 424N	1	Distal Flake		Silcrete	9	0.39	Feather termination	Light Grey
1386	5	136E 424N	1	Distal Flake		Silcrete	9	0.59		Red
1387	5	136E 424N	1	Core		Silcrete	18	1.78	Small, rotated core.	Light Grey
1388	5	136E 424N	1	Core		Quartz	22	6.59	Pinkish, 25% cortex	Crystal
1389	5	136E 424N	1	flake		IMT	19	1.44		Light Grey
1390	5	136E 424N	1	xFlaked piece		Silcrete	15	0.49		Dark grey
1391	5	136E 424N	1	Longitudinal split		Silcrete	14	1		Red
1392	5	136E 424N	1	Core		Silcrete	19	1.42		Light Grey
1423	5	136E 424N	2	Core		Silcrete	14	1.92	Thin, flake-like. Step terminations	Light Grey
1424	5	136E 424N	2	Retouched flake		Quartz	28	3.5	Retouched on both lateral margins onto dorsal and ventral surfaces.	Milky

ARTEFACT ID	transect	pit	spit	Туре	Implement	Raw material	Length	Weight	Comment	Colour
1422	5	136E 444N	2	Retouched flake		Silcrete	32	2.41	Long flake, numerous scars on dorsal surface (prior to removal)	Brown
1408	5	136E 464N	1	Proximal flake		Silcrete	17	1.22	Flat flake,	Red
1409	5	136E 464N	1	Distal Flake		Silcrete	26	0.5	Long narrow flake, One dorsal ridge. Step termination	Red
1410	5	136E 464N	1	Flake		Silcrete	9	1.17	Wide flake, feather termination. Cortex on platform	Red
1411	5	136E 464N	1	Core		Silcrete	20	2.27	50% cortex. Bipolar split	Red
1412	5	136E 464N	1	Core		Silcrete	16	1.76	Coarse stone. Fakes taken from single face.	Dark grey
1413	5	136E 464N	1	Retouched flake		Silcrete	15	0.45	Flat flake, feather termination, reworked at platform	Light Grey
1414	5	136E 464N	1	Flake		Silcrete	16	1.14	15% cortex	Brown
1415	5	136E 464N	1	xFlaked piece		Silcrete	20	1.36		Brown
1435	6	082E 241N	1	Core		Quartz	20	2.75		Crystal
1436	6	082E 241N	1	Flake		Silcrete	18	3.07	Dorsal surface 40% core	Red
1425	6	122E 241N	1	xFlaked piece		Quartz	10	0.39		Milky
1426	6	122E 241N	1	Flake		Silcrete	14	0.18	Thin flake, feather termination.	Black
1427	6	122E 241N	1	Flake		Silcrete	18	0.96	Thin flake, feather termination.	Black
1428	6	122E 241N	1	Proximal flake		Silcrete	11	63	Thin flake. Fits with #1429. lateral retouch?	Black
1429	6	122E 241N	1	Distal Flake		Silcrete	11	63	Wide thin flake, Fits with #1428. lateral retouch?	Black
1430	6	122E 241N	1	Flake		Silcrete	16	0.79		Light Grey
1431	6	142E 241N	1	Core		Quartz	32	19.11	Grey and pink seams. 25% cortex.	Milky
1432	6	142E 241N	1	Proximal flake		Silcrete	10	0.22	Fine grained, shiny	Red
1433	6	142E 241N	1	Retouched flake		Silcrete	22	1.7	Small retouch on lateral and distal margin	Brown

ARTEFACT ID	transect	pit	spit	Туре	Implement	Raw material	Length	Weight	Comment	Colour
1434	6	142E 241N	1	Retouched flake		Silcrete	20	1.11	Retouch along one distal margin (similar to a backed artefact) Retouch in middle of other lateral margin onto ventral face. Missing tip.	Light Grey
1437	7	106E 202N	1	Flake		Quartz	11	0.49	Flat flake	Milky
1438	7	106E 202N	2	Flake		Silcrete	15	0.3		Light Grey
1458	8	062E 261N	2	Flake		Quartz	15	0.41	Feather termination	Milky
1460	8	062E 261N	2	Flake		Quartz	13	1.12	Feather termination	Crystal
1452	8	062E 281N	1	Flake		Quartz	18	0.6	Translucent with pink seams. Thin, flat flake	Crystal
1453	8	062E 281N	1	Distal Flake		Quartz	16	0.33	Translucent with yellow seams. Thin, flat flake	Crystal
1454	8	062E 281N	1	xFlaked piece		Quartz	10	0.33	Translucent with pink seams. Thin, flat flake	Crystal
1455	8	062E 281N	1	Flake		Silcrete	15	0.41	Thin, flat flake. Step termination	Light Grey
1456	8	062E 281N	1	Flake		Silcrete	10	0.65	Wide, flat flake. Feather termination	Light Grey
1457	8	062E 281N	1	Core		Quartz	18	7.33	Worked on 2 faces	Milky
1439	8	062E 301N	1	Retouched flake		Quartz	18	0.74	Retouch at proximal/lateral margin onto dorsal and ventral surfaces.	Milky
1440	8	062E 301N	1	Medial Flake		Quartz	8	1.36		Milky
1441	8	062E 301N	1	Distal Flake		Quartz	10	0.31		Milky
1442	8	062E 301N	1	Flake		Silcrete	25	3.43		Brown
1443	8	062E 301N	1	Flake		Silcrete	22	1.56	Missing tip. 2 dorsal ridges	Brown
1444	8	062E 301N	1	Flake		Silcrete	12	0.49	Flat flake	Light Grey
1445	8	062E 301N	1	Flake		Silcrete	15	1.25		Light Grey
1446	8	062E 301N	1	xFlaked piece		Silcrete	20	2.09	5% cortex.	Light Grey
1447	8	062E 301N	1	Retouched flake		Silcrete	33	2.26	Retouch onto dorsal and ventral surfaces along lateral margins	Dark grey
1448	8	062E 301N	1	Core		Silcrete	20	2.27	worked from 2 faces	Light Grey
1449	8	062E 301N	1	Flake		Silcrete	8	0.2	step termination	Light Grey
1450	8	062E 301N	1	Distal Flake		Silcrete	9	0.41	feather termination	Light Grey
1451	8	062E 301N	1	Distal Flake	1	Silcrete	11	0.76		Light Grey

Table 9.1 Statement of scientific significance for surface and subsurface Aboriginal sites

Site name	Research potential	Rarity and representativeness	Integrity	Research themes	Educational value	Overall archaeological significance rating
artefact scatter)	type of low density in a highly disturbed context.	materials and artefact types.	disturbed context on a vehicle turning circle.	contribute to issues of chronology or tool manufacture.	sparse and are not easily identifiable examples of stone artefacts.	open stone artefact scatter.
GL11	Low:	Low:	Low:	Low:	Low:	Low:
(isolated find)	The site is an isolated artefact in disturbed context.	The site comprises common materials and artefact types.	The site is in a disturbed context near a drainage bund.	The site does not contribute to issues of chronology or tool manufacture.	The site comprises only one small artefact.	GL11 is a common low density open stone artefact scatter.
GL12	Low:	Low:	Low:	Low:	Moderate:	Low:
(open stone artefact scatter)	The site is a common type of moderate density artefacts.	The site comprises common materials and artefact types.	The site is on an erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	The site contains easily identifiable artefact types including a retouched flake.	GL12 is a common open stone artefact scatter on a typical landform, albeit with an above average artefact frequency
GL13	Low:	Low:	Low	Low:	Low:	Low:
(open stone artefact scatter)	The site is an isolated artefact in disturbed context.	The site comprises common materials and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site comprises only one small artefact.	GL13 is a common low density open stone artefact scatter.
GL14a,b,c and d	Moderate:	Moderate:	Low:	Moderate:	High:	Moderate:
(open stone artefact scatter with deposit)	The site is of a common type with a high frequency of artefacts but lacking intact contextual value.	High artefact frequency is rare for the local area but common for similar landforms in the region.	Highly eroded landform on skeletal soils. Minimal subsurface potential.	Detailed recording may address issues of tool manufacture owing to extensive assemblage.	The site is the best local example of diverse artefact scatter. Assemblage has diverse artefact types and raw materials. Easy to locate and observe material.	GL14, a, b, c and d combined is an extensive artefact scatter on a common site landform with good examples of artefact types and raw materials. However, it lacks archaeological integrity because of the highly eroded skeletal soils.
GL15	The site is an isolated	Low:	Low	Low:	Low:	Low:
(isolated find)	artefact in disturbed context.	The site comprises common materials and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site comprises only one small artefact.	GL15 is a common low density open stone artefact scatter.



Aboriginal Site Recording Form



AHIMS Registrar PO Box 1967, Hurstville NSW 2220

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				
For Further Information Contact:				
Nominated Trustee				
Title Surname First Name Initials				
Client of Client				
Organisation	n			
Address				
Phone number				
Knowledge Holder				
Client of system				
Phone number				
Aboriginal Heritage Unit or Cultural Heritage Division Contacts				
Geographic Location				
Site Name G L 6				
Easting 2 2 0 7 9 Northing 6 1 5 8 6 7 1 AGD/GDA GDA				
Mapsheet And				
Zone 55 Location Method Non-Differential GPS				
Other Registration				
Primary Recorder Title Surname First Name Initials				
M R D e s i c R y a n				
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Phone number 9 4 9 3 9 5 0 0 Fax I				

NPWS Aboriginal Site Recording Form - Site Information page 2						
	OPEN/CLOSE SITE	pen Site				
Site Context						
Landform L	andform Unit					
Mountainous	Beach	Tidal Flat	pper slope Stream bank			
Plain	Coastal rock platform	Cliff	lain Stream channel			
✓ Rolling hills	Dune	Crest	lidge Swamp			
Steep hills	Intertidal flat	Flat T	or Terrace			
Undulating plain	Lagoon	✓ Lower slope V	alley flat			
Slope	Tidal Creek	Mid slope	evy			
degrees						
Vegetation L	and use	Water				
Closed forest	Conservation	Distance to permanent wat	er source 3,000 metres			
Grasslands	Established urban	Distance to temporary wate	er source 20 metres			
Isolated clumps of trees	Farming-intensive	Name of nearest permaner	it water source			
Open forest	Farming-low intensity	Name of nearest temporary	/ water Joarimin			
Open woodland	Forestry					
Scrub	Industrial	Directions for Relocation				
Woodland	Mining	· · · · · · · · · · · · · · · · · · ·				
✓ Cleared	✓ Pastoral/grazing					
Revegetated	Recreation					
N/A	Semi-rural					
	Service corridor					
	Transport corridor					
	Urban expansion	Site Location Map NW N				
	Residential					
Current Land Tenure						
Public	c / other Government					
✓ Private						
Primary report I.D.	(I.D. Office Use only)					
			N			
		w	E			
		SW	S SE			

NPWS Aboriginal Site Recording Form - Site Informationpage 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		




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

The significance of this site is attached. For further information refer to the report: 'EMM 2016, Gunlake Quarry Extension Project, Aboriginal cultural heritage assessment, including the results of a test excavation, prepared for Gunlake Quarries Pty Ltd'

This section should only be filled in by the Endorsees

Endorsed by: Know	wledge Holder 🔲 Nominated Trustee	Native Title Holder	Community Consensus
Title	Surname	First Name	Initials
Organisation			
Address			
Phone number		Fax	
Attachments (No.)	Comments		

✓ A4 location map	Open stone artefact site identified adjacent to second-order tributary to Chapman's
B/W photographs	Creek.
Colour photographs	Artefacts comprise:
Slides	- 1 silcrete blade flake
Aerial photographs	<u>- 1 quartz flake</u>
Site plans, drawings	
Recording tables	
Other	
Feature inserts-No.	

Site name	Research potential	Rarity and representativeness	Integrity	Research themes	Educational value	Overall archaeological significance rating
GL4	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type of low density in a highly disturbed context.	The site is comprises common material and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site is sparse and its contents are not easily identifiable examples of stone artefacts.	GL4 is a common low density open stone artefact scatter in a disturbed context.
GL5	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter with deposit)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site contains very sparse subsurface material in minor eroded deposit.	The site does not contribute to questions of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL5 is a common low density open stone artefact scatter with very limited subsurface deposit.
GL6	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site is on a erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL6 is a common low density open stone artefact scatter.
GL7	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	Identified on eroding creek bank. Provenance unknown.	The site does not contribute to issues of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL7 is a common low density open stone artefact scatter.
GL8	Low:	Low:	Low:	Low:	Moderate:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage, including one retouched. flake.	The site comprises common materials and artefact types.	The site is on a erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	Contains easily identifiable artefact types including a retouched flake.	GL8 is a common low density open stone artefact scatter.
GL9	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site is on an eroding creek bank. Provenance unknown.	The site does not contribute to issues of chronology or tool manufacture	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL9 is a common low density open stone artefact scatter.
GL10	Low:	Low:	Low:	Low:	Low:	Low:
			The site is in a highly	The site does not	The site's contents are	GL10 is a common low density













Office Use Only	
Date received / / Date entered into system / Date catalogued / /	
Entered by (I.D.)	
Information Access	
Gender/male Gender/female Location restriction General restriction No access	ie
For Further Information Contact:	
Nominated Trustee	
Title Surname First Name Initials	
Client	
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Address	J
Phone number	
Knowledge Holder	
Title Surname First Name Initials	
Client syste	
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Phone number	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name G L 7	
Easting 2 2 0 8 6 1 5 8 5 5 AGD/GDA GDA	
Mapsheet Mapsheet	
Zone 55 Location Method Non-Differential GPS	
Other Registration	
Primary Recorder Title Surname First Name Initials	
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Phone number 9 4 9 3 9 5 0 0 Fax 5 Fax 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	

NPWS Aboriginal Si	ite Recording Forn	n - Site Informatio	page 2	2
	OPEN/CLOSE SITE	Open 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	
Slope	Tidal Creek	Mid slope	Levy	
degrees				
Vegetation	Land use	Water		
Closed forest	Conservation	Distance to permanent w	vater source 3,000 metres	
Grasslands	Established urban	Distance to temporary wa	ater source 1 metres	
Isolated clumps of trees	Farming-intensive	Name of nearest perman	ent water source	
Open forest	Farming-low intensity	Name of nearest tempora	ary water Joarimin	
Open woodland	Forestry			
Scrub	Industrial	Dir	rections for Relocation	
Woodland	Mining			
Cleared	✓ Pastoral/grazing			
✓ Revegetated	Recreation			
N/A	Semi-rural			
	Service corridor			
	Transport corridor			
	Urban expansion	NUA/	Site Location Map	NE
	Residential	NW		
Current Land Tenure				
Public National Par	rk / other Government			
Private Dept.				
Primary report I.D.	(I.D. Office Use only)			
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NPWS Aboriginal Site Recording F	orm - Site Interpretation and Communi	ty Statement	page 4
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Aboriginal Communit	v Interpretation and Manac	gement Recommendations
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Preliminary Site Assessment

Site Cultural & Scientific Analysis and Preliminary Management Recommendations

The significance of this site is attached. For further information refer to the report: 'EMM 2016, Gunlake Quarry Extension Project, Aboriginal cultural heritage assessment, including the results of a test excavation, prepared for Gunlake Quarries Pty Ltd'

This section should only be filled in by the Endorsees

Endorsed by: Knowl	edge Holder Nominated Trustee Native Title Holder Community Consensus			
Title	Surname First Name Initials			
Organisation				
Address				
Phone number	Fax			
Attachments (No.)	Comments			
✓ A4 location map	Open stone artefact site identified on the eastern stream bank of a second-order tributary			
B/W photographs	to Chapman's Creek . Stream bank is approx. 2 m high above stream bed. There is an			
Colour photographs	approximate 2 m area of exposure running parallel to the stream.			
Slides	Artefacts comprise:			
Aerial photographs	- 1 silcrete medial flake			
	- 1 quartz flake			

Site plans, drawings

Record	ling	tabl	es	

Other

Feature inserts-No.

Site name	Research potential	Rarity and representativeness	Integrity	Research themes	Educational value	Overall archaeological significance rating
GL4	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type of low density in a highly disturbed context.	The site is comprises common material and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site is sparse and its contents are not easily identifiable examples of stone artefacts.	GL4 is a common low density open stone artefact scatter in a disturbed context.
GL5	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter with deposit)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site contains very sparse subsurface material in minor eroded deposit.	The site does not contribute to questions of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL5 is a common low density open stone artefact scatter with very limited subsurface deposit.
GL6	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site is on a erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL6 is a common low density open stone artefact scatter.
GL7	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	Identified on eroding creek bank. Provenance unknown.	The site does not contribute to issues of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL7 is a common low density open stone artefact scatter.
GL8	Low:	Low:	Low:	Low:	Moderate:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage, including one retouched. flake.	The site comprises common materials and artefact types.	The site is on a erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	Contains easily identifiable artefact types including a retouched flake.	GL8 is a common low density open stone artefact scatter.
GL9	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site is on an eroding creek bank. Provenance unknown.	The site does not contribute to issues of chronology or tool manufacture	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL9 is a common low density open stone artefact scatter.
GL10	Low:	Low:	Low:	Low:	Low:	Low:
			The site is in a highly	The site does not	The site's contents are	GL10 is a common low density













Office Use Only	
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	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Phone number	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Geographic Location	
Site Name G L 8	
Easting 2 2 1 9 8 6 1 5 8 3 7 2 AGD/GDA GDA	
Zone 55 Location Method Non-Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
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Date recorded 27/07/2015	

NPWS Aboriginal Site Recording Form - Site Information page 2				
	OPEN/CLOSE SITE	Dpen 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 permane	nt water source	3,000 metres
Grasslands	Established urban	Distance to temporar	y water source	5 metres
Isolated clumps of trees	Farming-intensive	Name of nearest per	manent water source	
Open forest	Farming-low intensity	Name of nearest tem	porary water	Joarimin
Open woodland	Forestry			
Scrub	Industrial		Directions for Reloca	ation
Woodland	Mining			
Cleared	Pastoral/grazing			
✓ Revegetated	Recreation			
N/A	Semi-rural			
	Service corridor			
	Transport corridor			
	Urban expansion	NW	Site Location N	lap NE
	Residential			
Current Land Tenure				
Public National Par	k / other Government			
<pre>✓ Private Dept.</pre>				
Primary report I.D.	(I.D. Office Use only)			
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NPWS Aboriginal Site Recording Form - Site Informationpage 3							
	Gen	era	Site Information				Features
Closed	Site			Op	en Site		1. Aboriginal Ceremony & Dreaming
Shelter/C	ave Formation	Roc	k Surface Condition	Site	e Orientation		2. Aboriginal Resource & Gathering
Bould	der		Boulder		N-S		3. Art
Wind	erosion		Sandstone platform		NE-SW	✓	4. Artefact
Wate	er 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
Conditio	n of Ceiling	Sh	elter Aspect				9. Fish Trap
Bould	der		North				10. Grinding Groove
Sand	stone platform		North East				11. Habitation Structure
Silica	gloss		East				12. Hearth
Tess	ellated		South East				13. Non Human Bone & Organic Material
Weat	hered		South				14. Ochre quarry
Othe	r platform		South West				15. Potential Archaeological Deposit
			West				16. Stone Quarry
			North West				17. Shell
							18. Stone Arrangement
							19. Modified Tree
							20. Water Hole





Length of assessed site area

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NPWS Aboriginal Site Recording	Form - Site Interpretation and	Community Statement page 4
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Aboriginal	Community	Interpretation	and Managemen	t Recommendations

Preliminary Site Assessment

Site Cultural & Scientific Analysis and Preliminary Management Recommendations

The significance of this site is attached. For further information refer to the report: 'EMM 2016, Gunlake Quarry Extension Project, Aboriginal cultural heritage assessment, including the results of a test excavation, prepared for Gunlake Quarries Pty Ltd'

This section should only be filled in by the Endorsees

Endorsed by: Know	ledge Holder Nominated Trustee	Native Title Holder	Community Consensus
Title	Surname	First Name	Initials
Organisation			
Address			
Phone number	Fax		
Attachments (No.)	Comments		
✓ A4 location map	Open stone artefact site identified on a foot	slope and stream ban	k adjacent to second-
B/W photographs	order tributary to Chapman's Creek.		
Colour photographs	Artefacts comprise:		
Slides	<u>- 1 quartz distal flake</u>		
Aerial photographs	- 1 chert blade flake with potential usewear		
	- 1 brown silcrete flake with retoutch along	left lateral margin with	stepped termination
Site plans, drawings	- 1 silcrete distal flake		
Recording tables			
Other			
Feature inserts-No.			

Site name	Research potential	Rarity and representativeness	Integrity	Research themes	Educational value	Overall archaeological significance rating
GL4	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type of low density in a highly disturbed context.	The site is comprises common material and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site is sparse and its contents are not easily identifiable examples of stone artefacts.	GL4 is a common low density open stone artefact scatter in a disturbed context.
GL5	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter with deposit)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site contains very sparse subsurface material in minor eroded deposit.	The site does not contribute to questions of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL5 is a common low density open stone artefact scatter with very limited subsurface deposit.
GL6	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site is on a erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL6 is a common low density open stone artefact scatter.
GL7	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	Identified on eroding creek bank. Provenance unknown.	The site does not contribute to issues of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL7 is a common low density open stone artefact scatter.
GL8	Low:	Low:	Low:	Low:	Moderate:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage, including one retouched. flake.	The site comprises common materials and artefact types.	The site is on a erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	Contains easily identifiable artefact types including a retouched flake.	GL8 is a common low density open stone artefact scatter.
GL9	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site is on an eroding creek bank. Provenance unknown.	The site does not contribute to issues of chronology or tool manufacture	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL9 is a common low density open stone artefact scatter.
GL10	Low:	Low:	Low:	Low:	Low:	Low:
			The site is in a highly	The site does not	The site's contents are	GL10 is a common low density













Office Use Only	
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
Organisation	system
Address	
Phone number	
Knowledge Holder	
Title Surname First Name Initials	<u></u>
	Client on system
Organisation	
Address	
Phone number	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name G L 9	
Easting 2 2 1 9 7 9 Northing 6 1 5 8 3 1 8 AGD/GDA GDA	
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Zone 55 Location Method Non-Differential GPS	
Other Registration	
Primary Recorder Title Surname First Name Initials	
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OPENCLOSE SITE OPEN Site Site Context Landform Landform Uni Mountainous Beach Tidal Flat Upper slope Stream bank Plain Coastal rock platform Cliff Plain Stream channel Veloing hils Dure Crest Ridge Swamp Steep hils Intertidal flat Flat Tor Terrace flat Stoep hils Intertidal flat Duwer slope Levy degrees Vegetation Lad use Water Closed forest Conservation Distance to permanent water source 3 / 0.00 metres Grasslands Established urban Distance to temporary water source 3 / 0.00 metres Scrub Industrial Name of nearest tempanent water source 3 / 0.00 metres Woodland Forestry Directions for Relocation 10 / 0.00 metres NNA Service corridor Service corridor Service corridor Private Petrol Directions for Relocation Ne Vibria Service corridor Name Name Name Private	NPWS Aboriginal Site Recording Form - Site Information page 2				
Landform Landform Unit Mountainous Beach Indal Flat Upper slope Stream bank Plain Coastal rock platform Cilif Plain Stream bank Plain Coastal rock platform Cilif Plain Stream bank Steep hils Intertidal flat Flat Tor Terrace Undulating plain Lagoon Lower slope Valley flat Terrace flat Stope Tidal Creek Mid slope Lavy Closed forest Conservation Distance to permanent water source 3 000 metres Grasslands Established urban Distance to temporary water source 3 000 metres Grassland Farming-thensive Name of nearest temporary water source 3 000 metres Scrub Industriat Directions for Relocation Joar1nin Open woodland Mining Service corridor Name of nearest temporary water Joar1nin Cleared Pastoral/grazing Name of nearest temporary water Joar1nin Joar1nin Woodland Mining Revegetated Recreation Name of nearest temporary water Ioar1nin <th></th> <th>OPEN/CLOSE SITE</th> <th>Open Site</th> <th></th> <th></th>		OPEN/CLOSE SITE	Open Site		
Mountainous Beach Tidal Flat Upper slope ✓ Stream bank Plain Coastal rock platform Cliff Plain Stream channel V Rolling hills Intertidal flat Flat Tor Terrace flat Undulating plain Lagoon Lower slope Valley flat Terrace flat Steep hills Intertidal flat Flat Tor Terrace flat Stope Tidal Creek Mid slope Levy degrees Conservation Distance to temporary water source 5 metree Grasslands Established urban Distance to temporary water source 5 metree Open forest Farming-intensive Name of nearest permanent water source 5 metree Scrub Industrial Ming Directions for Relocation Source Source Source Vacolland Mining Service corridor Name of nearest permanent water source Source Source Source Source Name of nearest permanent water source Source Source Source Source Name of nearest permanent water source Source Source Sourc	Site Context				
Plain Coastal rock platform Cilif Plain Stream channel ✓ Rolling hills Dune Crest Ridge Swamp Steep hills Interdial flat Flat Tor Terrace Undulating plain Lagoon Lower slope Valley flat Terrace flat Stope Tdal Creak Mid slope Levy degrees Conservation Distance to permanent water source 3,000 metres Grasslands Established urban Distance to temporary water source 3,000 metres Grasslands Established urban Distance to temporary water source 3,000 metres Open forest Farming-low intensity Name of nearest permanent water source 3,000 metres Scrub Industrial Directions for Relocation 10stratinal Woodland Forestry Service corridor Ste Location Map Name Vrban expansion N Service corridor N Name Industrial Name Public National Perk / other Government V Private N Industrial Industrial Virban Park / other Government	Landform	Landform Unit			
Rolling hills Dune Crest Ridge Swamp Steep hills Intertidal flat Flat Tor Terrace Undulating plain Lagoon Lower slope Valley flat Terrace flat Stope Tidal Creek Mid slope Low degrees Valley flat Terrace flat Vegetation Land use Water Closed forest Conservation Distance to permanent water source 3 . 000 metres Grasslands Established urban Distance to temporary water source 3 metres Open forest Farming-intensive Name of nearest permanent water source 3 . 000 metres Open woodland Forestry Directions for Relocation Mid Woodland Mining Service corridor Site Location Map NI Wrater National Park / other Government NM Service corridor Ni Primary report I.D. 0 0 0ne use my N N Public National Park / other Government V V V V Primary report I.D. 0 0 0ne use my V <	Mountainous	Beach	Tidal Flat	Upper slope Stream bank	
Steep hills Intertidal flat Flat Tor Terrace flat Undulating plain Lagoon Lower slope Valley flat Terrace flat Stopp Tidal Creek Mid slope Levy degrees Closed forest Conservation Distance to temporary water source 3, 000 metres Grasslands Established urban Distance to temporary water source 5 metres Open forest Farming-intensive Name of nearest permanent water source Tor intin Open forest Farming-intensive Name of nearest temporary water Tor intin Open forest Farming-intensive Name of nearest temporary water Tor intin Open woodland Mining Directions for Relocation Steve corridor Revegetated Recreation Site Location Map Ne N/A Service corridor Ne Ne Primary report LD. No Ne Ne Primary report LD. No Ne Ne Ne Undue to no No No No No No Undue to no No N	Plain	Coastal rock platform	Cliff	Plain Stream channel	
Undulating plain Lagoon Lower slope Valley flat Terrace flat Stope Tidal Creek Mid slope Levy degrees Closed forest Conservation Distance to temporary water source 3,000 metres Grasslands Established urban Distance to temporary water source > metres Open forest Farming-intensive Name of nearest permanent water source > > Open woolland Forestry Name of nearest permanent water source > > Scrub Industrial Directions for Relocation > > Woolland Mining Service corridor Stite Location Map Ne Woolland Mining Service corridor Stite Location Map Ne Wrate Primary report LD. _ _ _ _ Public National Park / other Government _ _ _ _ _ Primary report LD. _ _ _ _ _ _ _	✓ Rolling hills	Dune	Crest	Ridge Swamp	
Stope Tidal Creek Mid slope Levy degrees degrees Vegetation Land use Water Closed forest Conservation Distance to permanent water source 3,000 metres Grasslands Established urban Distance to temporary water source 5 metres Open forest Farming-intensive Name of nearest permanent water source Joarimin Open woodland Forestry Scrub Industrial Directions for Relocation Woodland Mining Directions for Relocation Joarimin Woodland Mining Directions for Relocation Mid Wrban expansion N Residential N Current Land Tenure Woodland Mid with experiment N Prinary report LD. (n. dimentervy) W Industrial Wurden Industrial Wurden Industrial N Wurden Name of nearest temporary water Service corridor Service corridor Current Land Tenure Wurden Wurden Industrial N Wurden Industrial Industrial <td>Steep hills</td> <td>Intertidal flat</td> <td>Flat</td> <td>Tor Terrace</td> <td></td>	Steep hills	Intertidal flat	Flat	Tor Terrace	
Corperation Land use Water Closed forest Conservation Distance to permanent water source 3,000 metres Grasslands Established urban Distance to temporary water source 5 metres Isolated clumps of trees Farming-intensive Name of nearest permanent water source 5 metres Open woodland Foresty Scrub Industrial Directions for Relocation Woodland Mining Cleared P Pastoral/grazing Directions for Relocation N/A Semi-rural Service corridor Stite Location Map Net Urban expansion NW Stite Location Map Net Private National Park / other Government Net Net Private Industrial W Industrial Net Orgen value National Park / other Government W Net Industrial Private Industrial W Industrial Industrial Industrial Orgen value Industrial W Industrial Industrial Industrial Industrial Private Industrial W Industrial	Undulating plain	Lagoon	Lower slope	Valley flat Terrace flat	
degrees Vegetation Land use Water Closed forest Conservation Distance to permanent water source 3,000 metres Grasslands Established urban Distance to temporary water source 5 metres Open forest Farming-intensive Name of nearest permanent water source Joarimin Open woodland Forestry Name of nearest temporary water Joarimin Scrub Industrial Directions for Relocation Joarimin Woodland Mining Service corridor Transport corridor Service corridor N/A Semi-rural Service corridor N N Residential N Residential N N Primary report I.D. U/Date the only N N N Upblic Private Upblic Upblic N N N E Upblic <	Slope	Tidal Creek	Mid slope	Levy	
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Open forest Farming-low intensity Open woodland Forestry Scrub Industrial Woodland Mining Cleared Pastoral/grazing Revegetated Recreation Service corridor Transport corridor Urban expansion N Residential N	Grasslands	Established urban	Distance to temporary wa	ater source 5 metres	
Open woodland Forestry Open woodland Forestry Scrub Industrial Woodland Mining Cleared ✓ Pastoral/grazing ✓ Revegetated Recreation Service corridor Transport corridor Urban expansion NW NW N Public Netional Park / other Government Dept. Industrial Viantional Park / other Government Vertice ontrol Viante NW Nu N Netional Park / other Government Vertice ontrol Vertice NU Vertice N Netional Park / other Government Vertice Vertice N V	Isolated clumps of trees	Farming-intensive	Name of nearest perman	ent water source	
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Length of assessed site area

NPWS Aboriginal Site Recording Form	- Site Interpretation and Community Statement	page 4
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Aboriginal Community Interpretation and Management Recommendations	Aboriginal	Community	Interpretation	and Manager	ment Recomn	nendations
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Preliminary Site Assessment

Site Cultural & Scientific Analysis and Preliminary Management Recommendations

The significance of this site is attached. For further information refer to the report: 'EMM 2016, Gunlake Quarry Extension Project, Aboriginal cultural heritage assessment, including the results of a test excavation, prepared for Gunlake Quarries Pty Ltd'

This section should only be filled in by the Endorsees

Endorsed by: Kno	wledge Holder Nominated Trustee	Native Title Holder	Community Consensus
Title	Surname	First Name	Initials
Organisation			
Address			
Phone number	Fa		
Attachmente (No.)	Commente		

Attachments (No.)

Comments

✓	A4 location map	Open stone artefact site identified on a footslope and stream bank adjacent to second-
	B/W photographs	order tributary to Chapman's Creek.
✓	Colour photographs	Artefacts comprise:
	Slides	- 1 quartz flake
	Aerial photographs	- 1 quartz distal flake
	Site plans, drawings	
	Recording tables	
	Other	
	Feature inserts-No.	

Site name	Research potential	Rarity and representativeness	Integrity	Research themes	Educational value	Overall archaeological significance rating
GL4	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type of low density in a highly disturbed context.	The site is comprises common material and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site is sparse and its contents are not easily identifiable examples of stone artefacts.	GL4 is a common low density open stone artefact scatter in a disturbed context.
GL5	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter with deposit)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site contains very sparse subsurface material in minor eroded deposit.	The site does not contribute to questions of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL5 is a common low density open stone artefact scatter with very limited subsurface deposit.
GL6	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site is on a erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL6 is a common low density open stone artefact scatter.
GL7	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	Identified on eroding creek bank. Provenance unknown.	The site does not contribute to issues of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL7 is a common low density open stone artefact scatter.
GL8	Low:	Low:	Low:	Low:	Moderate:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage, including one retouched. flake.	The site comprises common materials and artefact types.	The site is on a erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	Contains easily identifiable artefact types including a retouched flake.	GL8 is a common low density open stone artefact scatter.
GL9	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site is on an eroding creek bank. Provenance unknown.	The site does not contribute to issues of chronology or tool manufacture	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL9 is a common low density open stone artefact scatter.
GL10	Low:	Low:	Low:	Low:	Low:	Low:
			The site is in a highly	The site does not	The site's contents are	GL10 is a common low density















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Entered by (I.D.)	
Information Access	
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For Further Information Contact:	
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	Client on
Organisation	system
Address	
Phone number	
Knowledge Holder	
Title Surname First Name Initials	Client on
	system
Organisation	
Phone number	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name G L 1 0	
Easting 2 2 1 7 9 7 Northing 6 1 5 8 9 8 6 AGD/GDA GDA	
Mapsheet Mapsheet	
Zone 55 Location Method Non-Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
M R D e s i c R y a n I	
Organisation E M M I I I I I I I I I I I I I I I I I	Client on
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Date recorded 27/07/2015	

NF	PWS Aboriginal S	ite Recording Form	า - จ	Site Informa	atic	on			p	age	2
		OPEN/CLOSE SITE	Dpe	n Site							
Sit	e Context										
Lar	ndform	Landform Unit									
	Mountainous	Beach		Tidal Flat		Upper slope		Stream	bank		
	Plain	Coastal rock platform		Cliff		Plain		Stream	channel		
\checkmark	Rolling hills	Dune	\checkmark	Crest		Ridge		Swamp			
	Steep hills	Intertidal flat		Flat		Tor		Terrace			
	Undulating plain	Lagoon		Lower slope		Valley flat		Terrace	flat		
Slo	pe	Tidal Creek		Mid slope		Levy					
	degrees										
Ve	getation	Land use	Wa	ter							
	Closed forest	Conservation	Dist	tance to permane	ent w	ater source	3,	000	metres		
	Grasslands	Established urban	Dist	tance to tempora	iry w	ater source	50)	metres		
	Isolated clumps of trees	Farming-intensive	Nar	me of nearest per	rmar	ent water source	e 🗌				
	Open forest	Farming-low intensity	Nar	me of nearest ten	npor	ary water	Jo	arimin			
	Open woodland	Forestry									
	Scrub	Industrial			Dir	ections for Relo	catio	n			
	Woodland	Mining								_	
	Cleared	✓ Pastoral/grazing								—	
\checkmark	Revegetated	Recreation								-	
	N/A	Semi-rural								-	
	-	Service corridor								_	
		Transport corridor									
		Urban expansion				Site Location	Мар				NE
		Residential	NW								
Cı	urrent Land Tenure		-								
	Rublic National Pa	rk / other Government									
	Private Dept.		-								
			-								
Pri	imary report I.D.	(I.D. Office Use only)									
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NPWS Aborigina	al Site Recording F	orm - Site Info	prmation page 3
Gei	neral 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





Estimated area of visible site Length of assessed site area

200

NPWS Aboriginal Site F	Recording Form - Site Interpretation and Community Statement page	e 4
Aboriginal Community Inter	pretation and Management Recommendations	
		—
		-
		_
Preliminary Site Asses	sment	
Site Cultural & Scientific An	alysis and Preliminary Management Recommendations	
		—
		—
L		
This section should only be fill	ed in by the Endorsees	
Endorsed by: Know	ledge Holder 🔲 Nominated Trustee 📃 Native Title Holder 📃 Community Conser	nsus
Title	Surname First Name Initials	
Organisation		
Address		
Phone number	Fax	
Attachments (No.)	Comments	
✓ A4 location map	Open stone artefact site identified on a level area of a spur crest. Area has been disturb	ed
B/W photographs	and there is remnants of the area being used as a vehicle turning circle.	
Colour photographs	Artefacts comprise:	
Slides	- 1 red silcrete core	
Aerial photographs	<u>- 1 grey silcrete flake</u>	—
Site plans, drawings	<u>- 1 red silcrete flake</u> - 1 white silcrete flake	—
Recording tables		—
Other		
Feature inserts-No.		

Site name	Research potential	Rarity and representativeness	Integrity	Research themes	Educational value	Overall archaeological significance rating
GL4	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type of low density in a highly disturbed context.	The site is comprises common material and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site is sparse and its contents are not easily identifiable examples of stone artefacts.	GL4 is a common low density open stone artefact scatter in a disturbed context.
GL5	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter with deposit)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site contains very sparse subsurface material in minor eroded deposit.	The site does not contribute to questions of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL5 is a common low density open stone artefact scatter with very limited subsurface deposit.
GL6	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site is on a erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL6 is a common low density open stone artefact scatter.
GL7	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	Identified on eroding creek bank. Provenance unknown.	The site does not contribute to issues of chronology or tool manufacture.	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL7 is a common low density open stone artefact scatter.
GL8	Low:	Low:	Low:	Low:	Moderate:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage, including one retouched. flake.	The site comprises common materials and artefact types.	The site is on a erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	Contains easily identifiable artefact types including a retouched flake.	GL8 is a common low density open stone artefact scatter.
GL9	Low:	Low:	Low:	Low:	Low:	Low:
(open stone artefact scatter)	The site is a common type with a sparse assemblage of common debitage.	The site comprises common materials and artefact types.	The site is on an eroding creek bank. Provenance unknown.	The site does not contribute to issues of chronology or tool manufacture	The site's contents are sparse and are not easily identifiable examples of stone artefacts.	GL9 is a common low density open stone artefact scatter.
GL10	Low:	Low:	Low:	Low:	Low:	Low:
			The site is in a highly	The site does not	The site's contents are	GL10 is a common low density










Aboriginal Site Recording Form



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	Client on
Organisation	system
Address	
Phone number	
Title Surname First Name Initials	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name G L 1 1	
Easting 2 2 1 5 8 2 Northing 6 1 5 8 7 0 4 AGD/GDA GDA	
Mapsheet	
Zone 55 Location Method Non-Differential GPS	
Other Registration	
Primary Recorder	
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	Client on system
Address P O B O X 2 1 S t L e o n a r d s N S W	
Phone number 9 4 9 3 9 5 0 0 Fax Fax	
Date recorded 27/07/2015	

NPWS Aboriginal S	ite Recording Form	n - Site Inform	ation	page 2
	OPEN/CLOSE SITE	Open 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 perman	ent water source	3,000 metres
Grasslands	Established urban	Distance to tempora	ary water source	3 5 metres
Isolated clumps of trees	Farming-intensive		rmanent water source	•
Open forest	Farming-low intensity	Name of nearest ter	mporary water	Joarimin
Open woodland	Forestry			
Scrub	Industrial		Directions for Reloc	cation
Woodland	Mining			
Cleared	Pastoral/grazing			
Revegetated	Recreation			
N/A	Semi-rural			
	Service corridor			
	Transport corridor			
	Urban expansion		Site Location I	Map
	Residential	NW		
Current Land Tenure				
Rublic National Pa	rk / other Government			
Private Dept.				
Primary report I.D.	(I.D. Office Use only)			
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NPWS Aboriginal Site Recording Form	- Site Interpretation and Community Statement	page 4
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Aboriai	nal C	community	Inter	oretation	and I	Manad	ement	Recom	mendations
- songi		, on manney	miller	protation	unui	nunug	Children		nenautons

Preliminary Site Assessment

Site Cultural & Scientific Analysis and Preliminary Management Recommendations

The significance of this site is attached. For further information refer to the report: 'EMM 2016, Gunlake Quarry Extension Project, Aboriginal cultural heritage assessment, including the results of a test excavation, prepared for Gunlake Quarries Pty Ltd'

This section should only be filled in by the Endorsees

Endorsed by: Know	ledge Holder 🗌 Nominated Trustee	Native Title Holder	Community Consensus		
Title	Surname	First Name	Initials		
Organisation					
Address					
Phone number		Fax			
Attachments (No.)	Comments				
✓ A4 location map	Open stone artefact site identified of	n a footslope east of Chapn	nan's Creek. Area is gently		
B/W photographs	inclined but very close to a constructed drainage bund which suggests that the soils here				

are disturbed.

Site is one grey complete flake

Site plans, drawings

Slides

Colour photographs

Aerial photographs

 \checkmark

Recording tables

Other

Feature inserts-No.





Table 9.1 Statement of scientific significance for surface and subsurface Aboriginal sites

Site name	Research potential	Rarity and representativeness	Integrity	Research themes	Educational value	Overall archaeological significance rating
artefact scatter)	type of low density in a highly disturbed context.	materials and artefact types.	disturbed context on a vehicle turning circle.	contribute to issues of chronology or tool manufacture.	sparse and are not easily identifiable examples of stone artefacts.	open stone artefact scatter.
GL11	Low:	Low:	Low:	Low:	Low:	Low:
(isolated find)	The site is an isolated artefact in disturbed context.	The site comprises common materials and artefact types.	The site is in a disturbed context near a drainage bund.	The site does not contribute to issues of chronology or tool manufacture.	The site comprises only one small artefact.	GL11 is a common low density open stone artefact scatter.
GL12	Low:	Low:	Low:	Low:	Moderate:	Low:
(open stone artefact scatter)	The site is a common type of moderate density artefacts.	The site comprises common materials and artefact types.	The site is on an erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	The site contains easily identifiable artefact types including a retouched flake.	GL12 is a common open stone artefact scatter on a typical landform, albeit with an above average artefact frequency
GL13	Low:	Low:	Low	Low:	Low:	Low:
(open stone artefact scatter)	The site is an isolated artefact in disturbed context.	The site comprises common materials and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site comprises only one small artefact.	GL13 is a common low density open stone artefact scatter.
GL14a,b,c and d	Moderate:	Moderate:	Low:	Moderate:	High:	Moderate:
(open stone artefact scatter with deposit)	The site is of a common type with a high frequency of artefacts but lacking intact contextual value.	High artefact frequency is rare for the local area but common for similar landforms in the region.	Highly eroded landform on skeletal soils. Minimal subsurface potential.	Detailed recording may address issues of tool manufacture owing to extensive assemblage.	The site is the best local example of diverse artefact scatter. Assemblage has diverse artefact types and raw materials. Easy to locate and observe material.	GL14, a, b, c and d combined is an extensive artefact scatter on a common site landform with good examples of artefact types and raw materials. However, it lacks archaeological integrity because of the highly eroded skeletal soils.
GL15	The site is an isolated	Low:	Low	Low:	Low:	Low:
(isolated find)	artefact in disturbed context.	The site comprises common materials and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site comprises only one small artefact.	GL15 is a common low density open stone artefact scatter.









Aboriginal Site Recording Form



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For Further Information Contact:	
Nominated Trustee	
TitleSurnameFirst NameInitials	
	Client on
Organisation	system
Address	
Phone number	
Title Surname First Name Initials	Client on
	system
Organisation	
Address	
Phone number	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name G L 1 2	
Easting 2 2 1 2 8 3 Northing 6 1 5 8 7 4 2 AGD/GDA GDA	
Mapsheet	
Zone 55 Location Method Non-Differential GPS	
Other Registration	
Primary Recorder	
Title Surname First Name Initials	
M R D e s i c R y a n	
Organisation E M M I I I I I I I I I I I I I I I I I	Client on
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Phone number 9 4 9 3 9 5 0 0 Fax I	
Date recorded 27/07/2015	

NF	PWS Aboriginal Si	ite Recording Form	n - 3	Site Informa	atio	n			p	bage	2
		OPEN/CLOSE SITE	Dpe	n Site							
Sit	e Context										
Lar	ndform	Landform Unit									
	Mountainous	Beach		Tidal Flat		Upper slope		Stream	bank		
	Plain	Coastal rock platform		Cliff		Plain		Stream	channel		
\checkmark	Rolling hills	Dune	\checkmark	Crest		Ridge		Swamp			
	Steep hills	Intertidal flat		Flat		Tor		Terrace			
	Undulating plain	Lagoon		Lower slope		Valley flat		Terrace	flat		
Slo	pe	Tidal Creek		Mid slope		Levy					
	degrees										
Ve	getation	Land use	Wa	iter							
	Closed forest	Conservation	Dis	tance to permane	ent w	ater source	3,	000	metres		
	Grasslands	Established urban	Dis	tance to tempora	ary wa	ater source	40		metres		
	Isolated clumps of trees	Farming-intensive	Nar	me of nearest pe	rman	ent water source	e				
	Open forest	Farming-low intensity	Nar	ne of nearest ten	npora	ary water	Jo	arimin			
	Open woodland	Forestry									
	Scrub	Industrial			Dir	ections for Relo	catio	n			
	Woodland	Mining									
\checkmark	Cleared	✓ Pastoral/grazing									
	Revegetated	Recreation									
	N/A	Semi-rural								—	
	-	Service corridor									
		Transport corridor									
		Urban expansion				Site Location	Мар				NE
		Residential	NW								
Cı	urrent Land Tenure										-
	Public National Par	rk / other Government									
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NPWS Aboriginal Site Recording Form - Site Informationpage 3						
Ge	neral Site Information		Features			
Closed Site		Open Site	1. Aboriginal Ceremony & Dreaming			
Shelter/Cave Formation	n 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			





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

NPWS Aboriginal Site	e Recording Form	- Site Interpretation and	d Community Statement	page 4
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Aboriginal Communit	v Interpretation and Manac	gement Recommendations
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Preliminary Site Assessment

Site Cultural & Scientific Analysis and Preliminary Management Recommendations

The significance of this site is attached. For further information refer to the report: 'EMM 2016, Gunlake Quarry Extension Project, Aboriginal cultural heritage assessment, including the results of a test excavation, prepared for Gunlake Quarries Pty Ltd'

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	"Open stone artefact site identified on a bro	oad hill spur crest adja	cent to a tributary of			
B/W photographs	Chapman's Creek. Site identified on a large	e sheetwash, salt scal	d. Artefacts comprise:			
Colour photographs	Colour photographs - 1 grey silcrete flake with retouch along right lateral margin					
Slides	- 2 grey silcrete complete flakes					
Aerial photographs	- 5 quartz flakes					
Site plans, drawings						
	- 1 chert core					
Recording tables	- 2 quartz cores					
Other	- 3 quartz flaked pieces"					
Feature inserts-No.						





Table 9.1 Statement of scientific significance for surface and subsurface Aboriginal sites

Site name	Research potential	Rarity and representativeness	Integrity	Research themes	Educational value	Overall archaeological significance rating
artefact scatter)	type of low density in a highly disturbed context.	materials and artefact types.	disturbed context on a vehicle turning circle.	contribute to issues of chronology or tool manufacture.	sparse and are not easily identifiable examples of stone artefacts.	open stone artefact scatter.
GL11	Low:	Low:	Low:	Low:	Low:	Low:
(isolated find)	The site is an isolated artefact in disturbed context.	The site comprises common materials and artefact types.	The site is in a disturbed context near a drainage bund.	The site does not contribute to issues of chronology or tool manufacture.	The site comprises only one small artefact.	GL11 is a common low density open stone artefact scatter.
GL12	Low:	Low:	Low:	Low:	Moderate:	Low:
(open stone artefact scatter)	The site is a common type of moderate density artefacts.	The site comprises common materials and artefact types.	The site is on an erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	The site contains easily identifiable artefact types including a retouched flake.	GL12 is a common open stone artefact scatter on a typical landform, albeit with an above average artefact frequency
GL13	Low:	Low:	Low	Low:	Low:	Low:
(open stone artefact scatter)	The site is an isolated artefact in disturbed context.	The site comprises common materials and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site comprises only one small artefact.	GL13 is a common low density open stone artefact scatter.
GL14a,b,c and d	Moderate:	Moderate:	Low:	Moderate:	High:	Moderate:
(open stone artefact scatter with deposit)	The site is of a common type with a high frequency of artefacts but lacking intact contextual value.	High artefact frequency is rare for the local area but common for similar landforms in the region.	Highly eroded landform on skeletal soils. Minimal subsurface potential.	Detailed recording may address issues of tool manufacture owing to extensive assemblage.	The site is the best local example of diverse artefact scatter. Assemblage has diverse artefact types and raw materials. Easy to locate and observe material.	GL14, a, b, c and d combined is an extensive artefact scatter on a common site landform with good examples of artefact types and raw materials. However, it lacks archaeological integrity because of the highly eroded skeletal soils.
GL15	The site is an isolated	Low:	Low	Low:	Low:	Low:
(isolated find)	artefact in disturbed context.	The site comprises common materials and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site comprises only one small artefact.	GL15 is a common low density open stone artefact scatter.









Aboriginal Site Recording Form



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Phone number	
Knowledge Holder	
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Phone number	
Aboriginal Heritage Unit or Cultural Heritage Division Contacts	
Geographic Location	
Site Name G L 1 3	
Easting 2 2 1 3 9 5 Northing 6 1 5 8 7 2 AGD/GDA GDA	
Mapsheet Mapsheet	
Zone 55 Location Method Non-Differential GPS	7
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Other Registration	
Primary Recorder	
Title Surname First Name Initials M R D e s i c R y a n Initials	
Organisation E M M	Client on system
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Phone number 9 4 9 3 9 5 0 0 Fax I	
Date recorded 28/07/2015	

NPWS Aboriginal Site Recording Form - Site Information page 2						
	OPEN/CLOSE SITE	pen Site				
Site Context						
Landform La	andform 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 La	and use	Water				
Closed forest	Conservation	Distance to permanent water source	3,000 metres			
Grasslands	Established urban	Distance to temporary water source	1 metres			
Isolated clumps of trees	Farming-intensive	Name of nearest permanent water sour	ce			
Open forest	Farming-low intensity	Name of nearest temporary water	Joarimin			
Open woodland	Forestry					
Scrub	Industrial	Directions for Rel	ocation			
Woodland	Mining					
	Pastoral/grazing					
Revegetated	Recreation					
N/A	Semi-rural					
	Service corridor					
	Transport corridor					
	Urban expansion	Site Location				
	Residential		NE			
Current Land Tenure						
	/ other Government					
Public Dept.						
Primary report I.D.	(I.D. Office Use only)					
		w				
		SW S				
		SW S	SE			











NPWS Aboriginal Site Recording	J Form - Site Interpretation and	Community Statement page 4
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Aboriginal Communit	v Interpretation and Manac	gement Recommendations
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Preliminary Site Assessment

Site Cultural & Scientific Analysis and Preliminary Management Recommendations

The significance of this site is attached. For further information refer to the report: 'EMM 2016, Gunlake Quarry Extension Project, Aboriginal cultural heritage assessment, including the results of a test excavation, prepared for Gunlake Quarries Pty Ltd'

This section should only be filled in by the Endorsees

Endorsed by: Know	wledge Holder Nominated Trustee	Native Title Holder	Community Consensus
Title	Surname	First Name	Initials
Organisation Address			
Phone number		ax	
Attachments (No.)	Comments		

\checkmark	A4 location map	Open stone artefact site identified on a dam wall Chapman's Creek. Area is gently
	B/W photographs	inclined but very close to a constructed drainage bund which suggests that the soils here
\checkmark	Colour photographs	are disturbed.
	Slides	Site is one brown IMT core identified on a dam wall on a tributary to Chapman's Creek.
	Aerial photographs	
	Site plans, drawings	
	Recording tables	
	Other	
	Feature inserts-No.	

Table 9.1 Statement of scientific significance for surface and subsurface Aboriginal sites

Site name	Research potential	Rarity and representativeness	Integrity	Research themes	Educational value	Overall archaeological significance rating
artefact scatter)	type of low density in a highly disturbed context.	materials and artefact types.	disturbed context on a vehicle turning circle.	contribute to issues of chronology or tool manufacture.	sparse and are not easily identifiable examples of stone artefacts.	open stone artefact scatter.
GL11	Low:	Low:	Low:	Low:	Low:	Low:
(isolated find)	The site is an isolated artefact in disturbed context.	The site comprises common materials and artefact types.	The site is in a disturbed context near a drainage bund.	The site does not contribute to issues of chronology or tool manufacture.	The site comprises only one small artefact.	GL11 is a common low density open stone artefact scatter.
GL12	Low:	Low:	Low:	Low:	Moderate:	Low:
(open stone artefact scatter)	The site is a common type of moderate density artefacts.	The site comprises common materials and artefact types.	The site is on an erosion scald on skeletal soils.	The site does not contribute to issues of chronology or tool manufacture.	The site contains easily identifiable artefact types including a retouched flake.	GL12 is a common open stone artefact scatter on a typical landform, albeit with an above average artefact frequency
GL13	Low:	Low:	Low	Low:	Low:	Low:
(open stone artefact scatter)	The site is an isolated artefact in disturbed context.	The site comprises common materials and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site comprises only one small artefact.	GL13 is a common low density open stone artefact scatter.
GL14a,b,c and d	Moderate:	Moderate:	Low:	Moderate:	High:	Moderate:
(open stone artefact scatter with deposit)	The site is of a common type with a high frequency of artefacts but lacking intact contextual value.	High artefact frequency is rare for the local area but common for similar landforms in the region.	Highly eroded landform on skeletal soils. Minimal subsurface potential.	Detailed recording may address issues of tool manufacture owing to extensive assemblage.	The site is the best local example of diverse artefact scatter. Assemblage has diverse artefact types and raw materials. Easy to locate and observe material.	GL14, a, b, c and d combined is an extensive artefact scatter on a common site landform with good examples of artefact types and raw materials. However, it lacks archaeological integrity because of the highly eroded skeletal soils.
GL15	The site is an isolated	Low:	Low	Low:	Low:	Low:
(isolated find)	artefact in disturbed context.	The site comprises common materials and artefact types.	The site is in a highly disturbed context on a dam wall.	The site does not contribute to issues of chronology or tool manufacture.	The site comprises only one small artefact.	GL15 is a common low density open stone artefact scatter.



Sale 1	
8 cm	
rectification targets 50mm x 20 red yellow green blue	
Alter Comment	
	A Contraction