Appendix

E

E.4 | Aboriginal Cultural Heritage Assessment Part 4

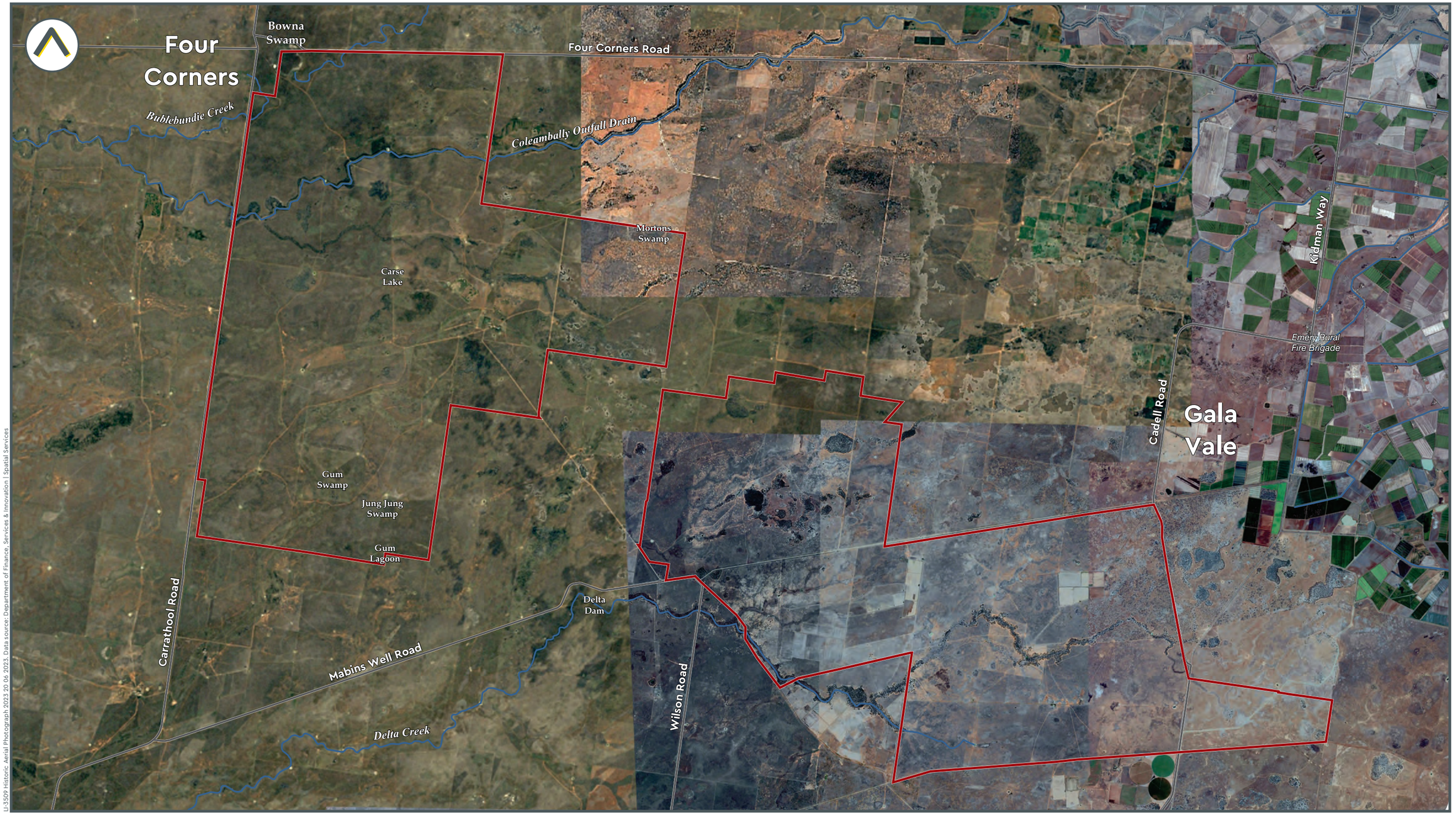
EMM creating opportunities | SPARK RENEWABLES

Attachment C

Historic aerials

EMM
creating opportunities

Historic Aerial Photograph - 2015



Subject area

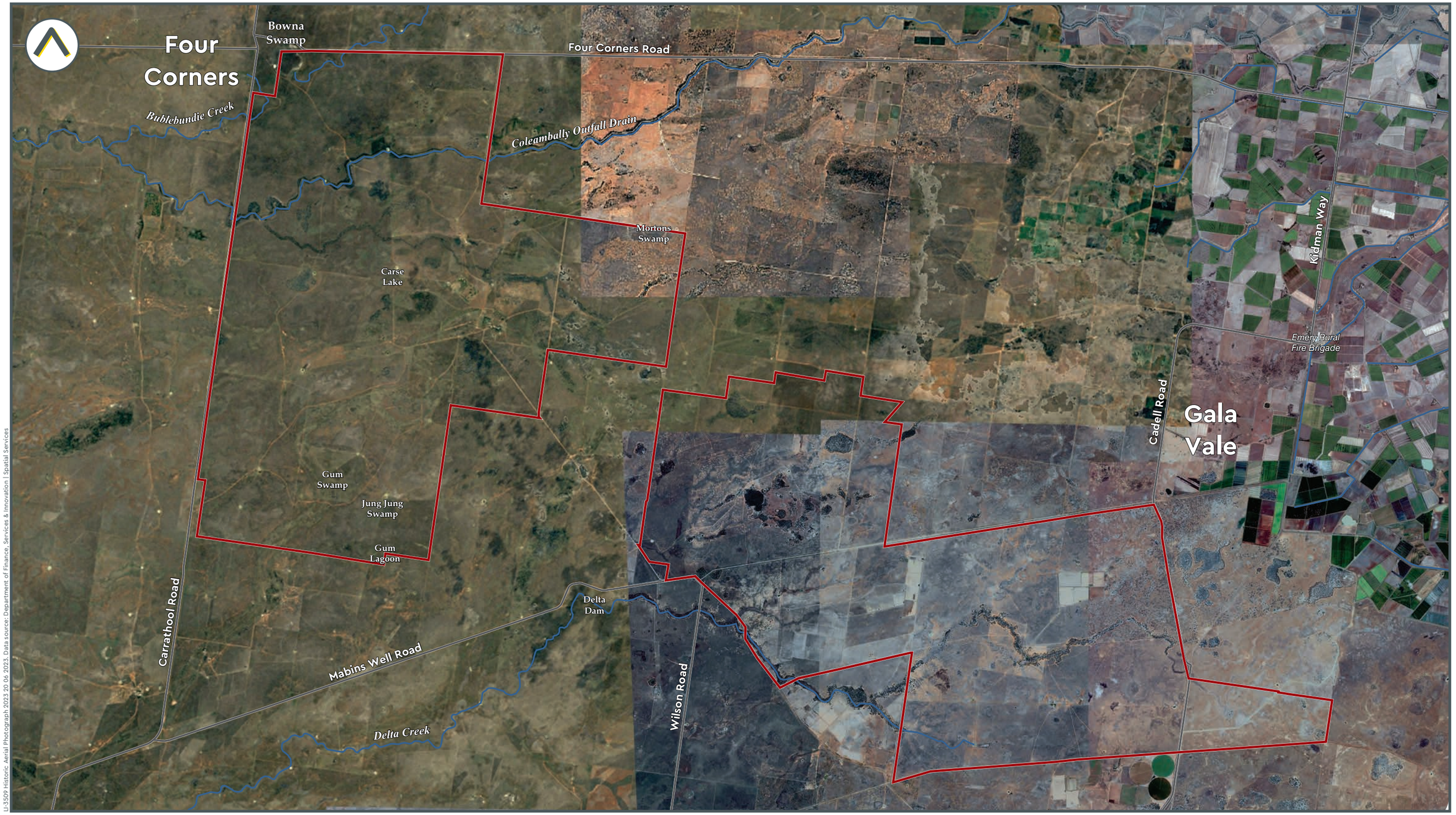
0 4km

LI 3509 Historic Aerial Photograph 2023 20 06 2023. Data source: Department of Finance, Services & Innovation | Spatial Services

Land Insight

Land Insight & Resources do no warrant the accuracy or completeness of information in this publication and any person using or relying upon such information does so on the basis that this company shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information.

Historic Aerial Photograph - 2015



Subject area

0 4km

LI 3509 Historic Aerial Photograph 2023 20 06 2023. Data source: Department of Finance, Services & Innovation | Spatial Services

Land Insight

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Historic Aerial Photograph - 2023



LI3509 Historic Aerial Photograph 2023 20 06 2023. Data source: Department of Finance, Services & Innovation | Spatial Services

Subject area

0 4km

Land Insight

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IMAGERY INSIGHT

Historic Aerial Photograph - 2023



LI3509 Historic Aerial Photograph 2023 20 06 2023. Data source: Department of Finance, Services & Innovation | Spatial Services

Subject area

0 4km

Land Insight

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Attachment D

Archaeological background

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D.1 Site definitions used for this assessment

D.1.1 Aboriginal sites

In the AHIMS database, Aboriginal sites are defined in several ways. At the simplest level, sites are recorded as 'closed' or 'open'. Closed sites are associated with rockshelters and include other evidence of Aboriginal occupation that may be present, such as areas where subsurface Aboriginal objects may occur within the shelter ('potential archaeological deposit' (PAD)), faunal remains, and art on the shelter walls (paintings/engravings). Open sites are broadly defined and encompass all other types of Aboriginal site features that are located in areas where there is no rockshelter. The most common open site features found generally include artefacts, grinding grooves, art, culturally modified trees, and shell deposits (middens) (OEH 2012). The presence or absence of stone artefacts is often a defining factor in site identification, with almost every site likely to have at least some associated artefacts, as discard or loss of this most ubiquitous and practically indestructible marker of past Aboriginal visitation.

Any one site (or group of linked sites described as a 'complex') can contain several different site features. For example, a shelter may have art on the walls, artefacts on the floor surface or outside the shelter, and be predicted to contain faunal remains and further artefacts in the accumulated deposit inside.

A description of terms used to describe different site features known to occur in the vicinity of the project area is provided in Table D.1 and use definitions provided by OEH and those adopted by EMM in their field investigations to produce consistency in recording. Similarly, there may be places of contemporary significance to Aboriginal people in the region and that will require consultation with this community to identify.

Table D.1 Site definitions and recording

Site feature	Definition and recording methods
Aboriginal ceremony and dreaming	Previously referred to as mythological sites these are spiritual/story places where no physical evidence of previous use of the place may occur (e.g. natural unmodified landscape features, ceremonial or spiritual areas, men's/women's sites, dreaming (creation) tracks, marriage places).
Artefact site (open stone artefact site)	Objects such as stone tools, and associated flaked material, spears, manuports, grindstones, discarded stone flakes, modified glass or shell demonstrating evidence of use of the area by Aboriginal people. Open stone artefact sites were defined by the presence of one (isolated find) or more (artefact scatter) stone artefacts visible on the ground surface. The boundaries of a site are limited to the spatial extent of the visible stone artefacts. The mapped site points and/or 'site areas' do not represent the areas of potential archaeological deposit (PAD) that also apply to some sites (refer to the term 'PAD' below). Open stone artefact sites were recorded by marking each artefact location or each cluster of artefacts within a 5 m radius as a separate waypoint in the GPS. Site boundaries were allocated by drawing a line around the cluster waypoints for each site using ArcGIS software. Stone artefacts more than 50 m apart were recorded as separate sites. EMM acknowledges that the 50 m rule applied here is an arbitrary distinction for site boundaries and is used mainly for efficiencies in site management and to establish consistency in site recording methods.
Burials	A traditional or contemporary (post-contact) burial of an Aboriginal person, which may occur outside designated cemeteries and may not be marked (e.g. in caves, marked by stone cairns, in sand areas, along creek banks).
Fish trap	A modified area on watercourses where fish were trapped for short-term storage and gathering.
Grinding grooves	Grinding grooves were defined as an area of outcropping bedrock containing evidence of one or more grinding grooves where ground-stone hatchets or other grinding practices (i.e. seed grinding) were implemented.

Table D.1 Site definitions and recording

Site feature	Definition and recording methods
Habitation structure	Structures constructed by Aboriginal people for short- or long-term shelter. More temporary structures are commonly preserved away from the NSW coastline, may include historic camps of contemporary significance. Smaller structures may make use of natural materials such as branches, logs and bark sheets or manufactured materials such as corrugated iron to form shelters. Archaeological remains of a former structure such as chimney/fireplace, raised earth building platform, excavated pits, rubble mounds etc.
Hearth	A hearth is an archaeological feature consisting of the ash and charcoal remains left behind from ancient campfires and earth ovens. Hearths are often identified as concentrated circular patches of charcoal or burnt clay on the ground surface or as stratigraphic features in subsurface archaeological deposits, and they hold cultural, historical, and scientific significance. Hearths can provide insights into traditional cooking practices, food preparation, and human interactions with the environment, contributing to our understanding of Indigenous lifestyles and resource utilisation over time. For this assessment hearths were characterised into three categories: eroded hearths (i.e. the eroded bases of earth ovens), potential in situ hearths (i.e. earth ovens), and scattered hearth remains (i.e. scattered clay balls that are not concentrated in a circular shape).
Modified tree (carved or scarred)	Trees which show the marks of modification as a result of cutting of bark from the trunk for use in the production of shields, canoes, boomerangs, burials shrouds, for medicinal purposes, foot holds etc., or alternately intentional carving of the heartwood of the tree to form a permanent marker to indicate ceremonial use/significance of a nearby area, again these carvings may also act as territorial or burial markers. Modified trees (either carved or scarred) can be difficult to identify. Scars commonly occur on trees through natural processes such a branch tears, insect damage, storm and fire damage and faunal damage. Scars can also occur from mechanical damage from vehicles or farming equipment. The attributes of potential scarred trees were discussed during the survey amongst archaeologists and RAPs before it was decided if a scar would be recorded or not. A precautionary approach was adopted, whereby some of the more ambiguous examples were recorded anyway. The assessment of scar trees was made from the experience of the survey team and the guideline *Aboriginal scarred trees in New South Wales: a field manual* (DEC 2005). In some of the more ambiguous examples, it cannot be verified whether some scars recorded during the survey are of natural or Aboriginal origin. In such instances, an expert evaluation by a scar tree expert (arborist or other) would be required to determine the status of certain trees.
Potential archaeological deposit (PAD)	An area where Aboriginal objects may occur below the ground surface. The term 'potential archaeological deposit' was first applied in Sydney regional archaeology in the 1980s and referred to rockshelters that were large enough and contained enough accumulated deposit to allow archaeologists to predict that subsurface cultural material was likely to be present. Since then the term has come to include open sites where the same prediction can be made. EMM has defined PADs as the predicted extent of concentrated subsurface Aboriginal objects in a particular area. PADs are not technically Aboriginal sites until, and if, subsurface Aboriginal objects are identified, which is typically established through archaeological test excavation. PAD areas have been assigned to landforms that are distinguishable from the surrounding landscape (e.g. elevated areas with good outlook overlooking watercourses) as being likely to retain higher artefact densities than the assumed 'background scatter' of archaeological material in the broader landscape. The identification of PADs associated with Aboriginal open camp sites was partly based on observations in the field and discussions with RAPs, but also related to the predictive model. Although PAD was attributed to areas for a variety of reasons, the main qualifiers were: The presence of surface artefacts or other Aboriginal objects. Ground surface visibility as part of the archaeological survey effort was typically considered high enough in each PAD area to identify at least one or more surface artefacts thereby indicating likelihood of subsurface potential. Notwithstanding, finding no visible surface artefacts in an area would not disqualify an area from being attributed with PAD. Level to gently inclined ground (<10%) indicating suitable camping or activity areas.

Table D.1 Site definitions and recording

Site feature	Definition and recording methods
	Contours that distinguish the landforms with PAD from the surrounding landscape (e.g. spur crest, hill crest or knoll). Landform boundaries were also interpreted through observations in the field. Notably, rocky crest landforms that were protected from intensive cultivation were often attributed with PAD. Proximity to water: typically up to 100 m from 1st and 2nd order streams and up to 200 m from 3rd order streams and above. Elevated landforms at the confluence of higher order streams were also more likely to be attributed with PAD. EMM acknowledges that all PAD areas have been historically cleared of native vegetation and some have been subject to pasture improvements such as ploughing. As such, the term PAD does not assume high subsurface integrity; instead it is a prediction of potential subsurface artefact concentrations. All stone quarry sites are predicted to have PAD. The assumption is that in most cases the visible surface material at quarries is represented by larger artefacts (such as cores) and that smaller material (e.g. flakes) is likely to be buried.
Restricted	Site information contained in the Aboriginal Heritage Information Management System is available only to certain authorised groups of people, as requested by the Aboriginal community. Detailed information may not be available in search reports.
Shell	An accumulation or deposit of shellfish from beach, estuarine, lacustrine or riverine species resulting from Aboriginal gathering or consumption. Usually found in deposits previously referred to as shell middens. Must be found in association with other objects like stone tools, fish bones, charcoal, fireplaces/hearths, and burials. Will vary greatly in size and composition.
Stone quarry	Usually a source of good quality stone which is quarried and used for the production of stone tools. Stone quarries represent where Aboriginal people gathered raw stone materials for stone tools and/or manufactured stone tools from the adjacent source material. Quarry sites are found at rock outcrops where the material was of suitable quality to have been used to manufacture stone tools. Stone quarries were defined by the presence of outcropping stone material with nearby evidence of the same material type used in the stone tool manufacture process. This was most commonly indicated by large stone cores or stone flakes distributed amongst the same naturally outcropping material. EMM acknowledges that the 'open stone artefact' site type shares some of the same characteristics as 'stone quarries', such as the presence of stone artefacts. However, they have been distinguished from each other because quarries can not only represent open camping activities, but also a fixed location where Aboriginal people needed to visit to extract a resource. In contrast, the locations of typical open camp sites were not fixed but chosen by Aboriginal people for their favourable conditions.

D.2 AHIMS search results

AHIMS Web Services (AWS)
Search Result

Your Ref/PO Number : E220305

Client Service ID : 756900

Mel Thomson

Suite 8.03, Level 8 454 Collins Street
Melbourne 3000

Attention: Mel Thomson

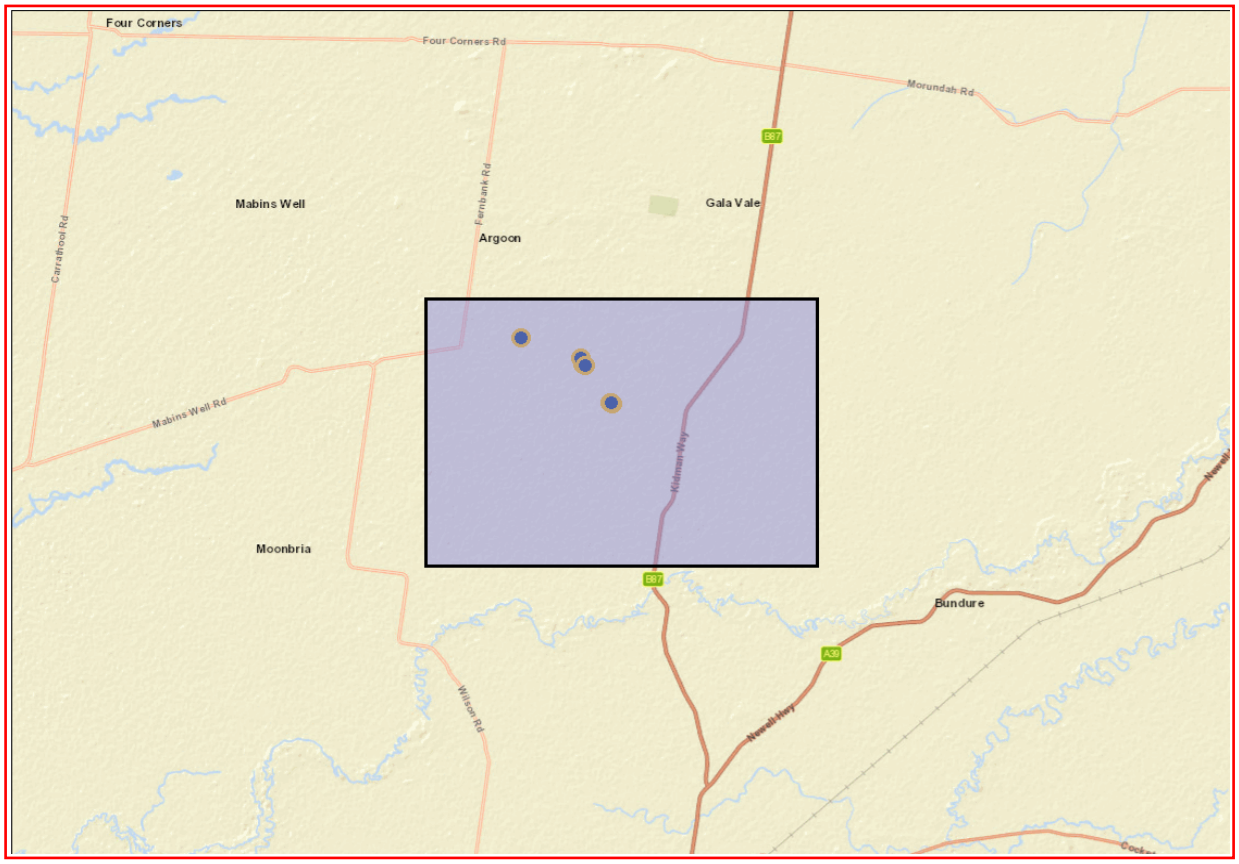
Email: mthomson@emmconsulting.com.au

Date: 27 February 2023

Dear Sir or Madam:

AHIMS Web Service search for the following area at Lat, Long From : -35.1346, 145.6277 - Lat, Long To : -34.9941, 145.8749, conducted by Mel Thomson on 27 February 2023.

The context area of your search is shown in the map below. Please note that the map does not accurately display the exact boundaries of the search as defined in the paragraph above. The map is to be used for general reference purposes only.



A search of Heritage NSW AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

9	**Aboriginal sites are recorded in or near the above location.**
0	**Aboriginal places have been declared in or near the above location. ***

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

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

Important information about your AHIMS search

- The information derived from the AHIMS search is only to be used for the purpose for which it was requested. It is not be made available to the public.
- AHIMS records information about Aboriginal sites that have been provided to Heritage NSW and Aboriginal places that have been declared by the Minister;
- Information recorded on AHIMS may vary in its accuracy and may not be up to date. Location details are recorded as grid references and it is important to note that there may be errors or omissions in these recordings,
- Some parts of New South Wales have not been investigated in detail and there may be fewer records of Aboriginal sites in those areas. These areas may contain Aboriginal sites which are not recorded on AHIMS.
- Aboriginal objects are protected under the National Parks and Wildlife Act 1974 even if they are not recorded as a site on AHIMS.
- This search can form part of your due diligence and remains valid for 12 months.

Level 6, 10 Valentine Ave, Parramatta 2150
Locked Bag 5020 Parramatta NSW 2124
Tel: (02) 9585 6345

ABN 34 945 244 274
Email: ahims@environment.nsw.gov.au
Web: www.heritage.nsw.gov.au

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : E220305

Client Service ID : 756900

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
55-1-0055	PEC-E-45	GDA	55	383901	6123009	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
55-1-0057	PEC-E-47	GDA	55	385521	6120787	Open site	Valid	Hearth : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
55-1-0060	PEC-E-50	GDA	55	385613	6120756	Open site	Valid	Hearth : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
55-1-0052	PEC-E-G2	GDA	55	380298	6124522	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mr.Adrian Cressey					**Permits**		
55-1-0053	PEC-E-43	GDA	55	380305	6124520	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
55-1-0059	PEC-E-49	GDA	55	385552	6120798	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
55-1-0054	PEC-E-44	GDA	55	383788	6123418	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
55-1-0056	PEC-E-46	GDA	55	383996	6122996	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
55-1-0058	PEC-E-48	GDA	55	385556	6120785	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		

**** Site Status**

Valid - The site has been recorded and accepted onto the system as valid

Destroyed - The site has been completely impacted or harmed usually as consequence of permit activity but sometimes also after natural events. There is nothing left of the site on the ground but proponents should proceed with caution.

Partially Destroyed - The site has been only partially impacted or harmed usually as consequence of permit activity but sometimes also after natural events. There might be parts or sections of the original site still present on the ground

Not a site - The site has been originally entered and accepted onto AHIMS as a valid site but after further investigations it was decided it is NOT an aboriginal site. Impact of this type of site does not require permit but Heritage NSW should be notified

Report generated by AHIMS Web Service on 27/02/2023 for Mel Thomson for the following area at Lat, Long From : -35.1346, 145.6277 - Lat, Long To : -34.9941, 145.8749. Number of Aboriginal sites and Aboriginal objects found is 9

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

AHIMS Web Services (AWS)
Search Result

Your Ref/PO Number : E220305 Dinawan Wind 1

Client Service ID : 766055

EMM Consulting - St Leonards - Individual users

Date: 22 March 2023

Ground Level, Suite 01 20 Chandos Street
St Leonards New South Wales 2065

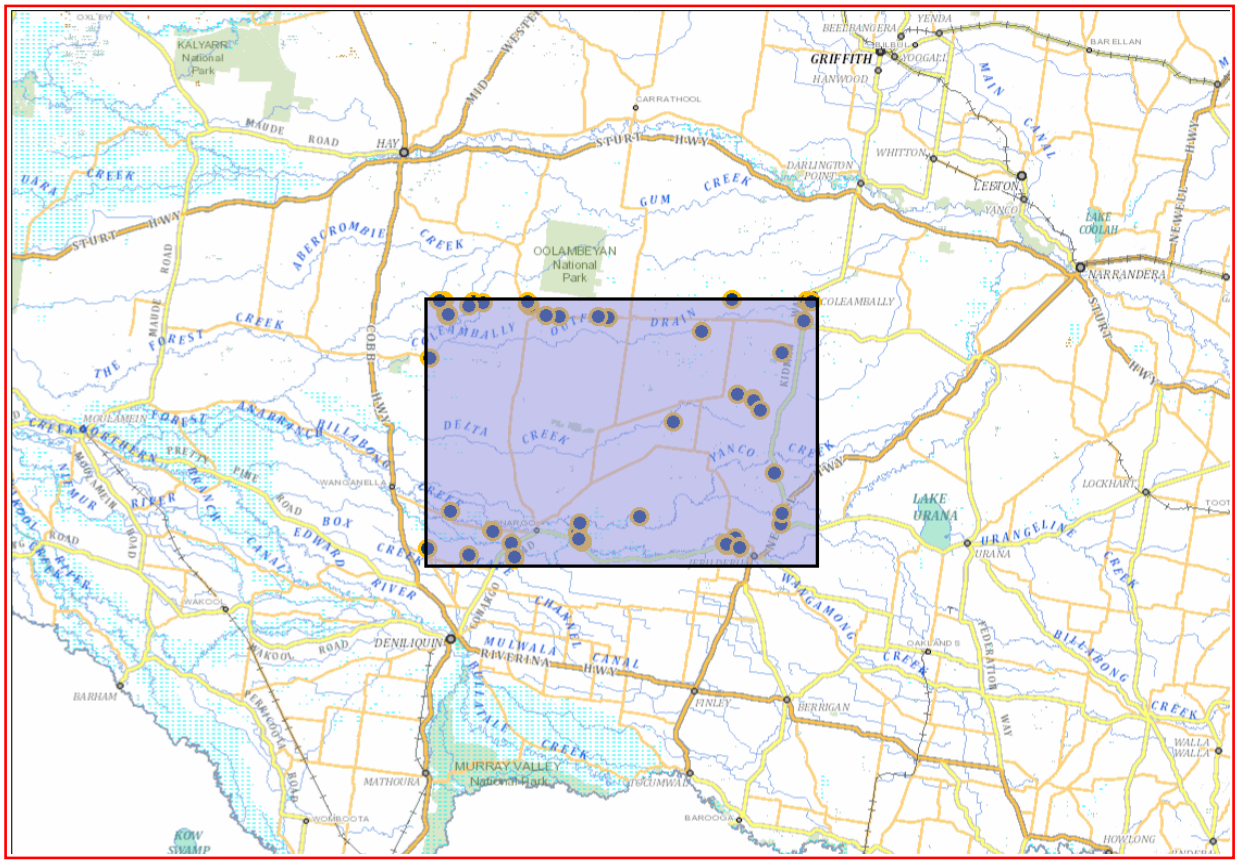
Attention: Taylar Reid

Email: treid@emmconsulting.com.au

Dear Sir or Madam:

AHIMS Web Service search for the following area at Lat, Long From : -35.3759, 144.8988 - Lat, Long To : -34.8141, 145.8876, conducted by Taylar Reid on 22 March 2023.

The context area of your search is shown in the map below. Please note that the map does not accurately display the exact boundaries of the search as defined in the paragraph above. The map is to be used for general reference purposes only.



A search of Heritage NSW AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

94	**Aboriginal sites are recorded in or near the above location.**
0	**Aboriginal places have been declared in or near the above location. ***

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

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

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- Information recorded on AHIMS may vary in its accuracy and may not be up to date. Location details are recorded as grid references and it is important to note that there may be errors or omissions in these recordings,
- Some parts of New South Wales have not been investigated in detail and there may be fewer records of Aboriginal sites in those areas. These areas may contain Aboriginal sites which are not recorded on AHIMS.
- Aboriginal objects are protected under the National Parks and Wildlife Act 1974 even if they are not recorded as a site on AHIMS.
- This search can form part of your due diligence and remains valid for 12 months.

Level 6, 10 Valentine Ave, Parramatta 2150
Locked Bag 5020 Parramatta NSW 2124
Tel: (02) 9585 6345

ABN 34 945 244 274
Email: ahims@environment.nsw.gov.au
Web: www.heritage.nsw.gov.au

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : E220305 Dinawan Wind 1

Client Service ID : 766066

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
48-5-0201	Mungadal Scar Tree 3	GDA	55	313060	6141964	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	**Recorders**	Mr.Peter Ingram					**Permits**		
54-2-0034	Booabula East 1	AGD	55	314600	6095800	Open site	Valid	Burial : 1, Hearth : -, Non-Human Bone and Organic Material : -, Shell : -		
	Contact Ms.Catherine M Cridland	**Recorders**	Harvey Johnston					**Permits**		
49-4-0230	PEC-E-42	GDA	55	371727	6139121	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
48-6-0131	South Burrabogie 1.1	AGD	55	331332	6144997	Open site	Valid	Artefact : -, Earth Mound : -		
	Contact	**Recorders**	Doctor.Sarah Martin					**Permits**		
48-6-0133	South Burrabogie 1.3	AGD	55	331415	6144960	Open site	Valid	Artefact : -, Hearth : -		
	Contact	**Recorders**	Doctor.Sarah Martin					**Permits**		
48-6-0161	PEC-E-39	GDA	55	338916	6142038	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
54-3-0033	Hartwood Weir Scarred Tree 2	GDA	55	344514	6090124	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	**Recorders**	Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze					**Permits**		
54-3-0029	Hartwood Weir Scarred Tree 3	GDA	55	344558	6090081	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	**Recorders**	Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze					**Permits**		
54-3-0031	Forest Creek Block Bank Scarred Tree 2	GDA	55	344956	6089378	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	**Recorders**	Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze					**Permits**		
54-3-0022	MVNP-Tholobin-Modified Tree Food Gathering	GDA	55	329650	6085148	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact	**Recorders**	Mr.Mick Lalor					**Permits**		
55-1-0055	PEC-E-45	GDA	55	383901	6123009	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
55-1-0007	Billabong Creek;	AGD	55	378225	6088984	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	**Recorders**	ASRSYS					**Permits**		
48-5-0413	West Wargan H1	GDA	55	309076	6131793	Open site	Valid	Hearth : -		

Report generated by AHIMS Web Service on 22/03/2023 for Taylar Reid for the following area at Lat, Long From : -35.3759, 144.8988 - Lat, Long To : -34.8141, 145.8876. Number of Aboriginal sites and Aboriginal objects found is 94

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

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
	Contact	**Recorders**	Ms.Amanda Lavender,DPIE - Armidale					**Permits**		
48-5-0451	PEC-E-34	GDA	55	312107	6145224	Open site	Valid	Artefact : -, Hearth : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
48-5-0196	Mungadal Hearth 1	GDA	55	313098	6141869	Open site	Valid	Hearth : -		
	Contact	**Recorders**	Mr.Peter Ingram					**Permits**		
55-1-0030	Brookvale 4	AGD	55	377750	6089075	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact	**Recorders**	Doctor.Chris Clarkson					**Permits**		
48-6-0136	South Burrabogie 1.6	AGD	55	331609	6145031	Open site	Valid	Artefact : -, Hearth : -		
	Contact	**Recorders**	Doctor.Sarah Martin					**Permits**		
48-6-0163	PEC-E-41	GDA	55	349973	6142084	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
55-1-0010	Wilson's Rd Scarred Tree;	AGD	55	380020	6090510	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	
	Contact	**Recorders**	Harvey Johnston					**Permits**		
55-1-0005	Billabong Creek;	AGD	55	381064	6088464	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	**Recorders**	ASRSYS					**Permits**		
55-1-0049	JE-IF-002	GDA	55	390511	6094259	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Kayandel Archaeological Services,Miss.Meggan Walker					**Permits**		
55-1-0048	JE-IF-001	GDA	55	390843	6096680	Open site	Valid	Artefact : 1		
	Contact	**Recorders**	Kayandel Archaeological Services,Miss.Meggan Walker					**Permits**		
55-1-0038	Tooleybuc Bridge PAD	GDA	55	365638	6117781	Open site	Valid	Potential Archaeological Deposit (PAD) : -		
	Contact	**Recorders**	Mr.Jeffrey Hill					**Permits**		
54-3-0019	Oddys Drain 1;CSIRO;	AGD	55	318930	6085720	Open site	Valid	Artefact : -	Isolated Find	
	Contact	**Recorders**	Ms.Vanessa Edmonds					**Permits**		
55-1-0033	Brookvale 7	AGD	55	377651	6089274	Open site	Valid	Artefact : 3		
	Contact	**Recorders**	Doctor.Chris Clarkson					**Permits**		
55-1-0037	Brookvale 11	AGD	55	377871	6088998	Open site	Valid	Artefact : 67, Earth Mound : 10, Shell : -, Non-Human Bone and Organic Material : -		
	Contact	**Recorders**	Doctor.Chris Clarkson					**Permits**		

Report generated by AHIMS Web Service on 22/03/2023 for Taylar Reid for the following area at Lat, Long From : -35.3759, 144.8988 - Lat, Long To : -34.8141, 145.8876. Number of Aboriginal sites and Aboriginal objects found is 94

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

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
55-1-0051	CO-ST-001	GDA	55	388850	6106205	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact	**Recorders**	Kayandel Archaeological Services,Miss.Meggan Walker					**Permits**		
49-4-0223	CO-ST-002	GDA	55	395322	6141764	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact	**Recorders**	Kayandel Archaeological Services,Miss.Meggan Walker					**Permits**		
54-3-0009	D D #7;	AGD	55	343800	6091300	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	1326
	Contact	**Recorders**	J Carroll,George McIntyre					**Permits**		
54-3-0026	Hartwood Weir Scarred Tree 1	GDA	55	344514	6090124	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	**Recorders**	Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze					**Permits**		
54-3-0015	Picaninny Creek;	AGD	55	328700	6088500	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	
	Contact	**Recorders**	J Brickhill					**Permits**		
55-1-0057	PEC-E-47	GDA	55	385521	6120787	Open site	Valid	Hearth : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
55-1-0060	PEC-E-50	GDA	55	385613	6120756	Open site	Valid	Hearth : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
55-1-0052	PEC-E-G2	GDA	55	380298	6124522	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mr.Adrian Cressey					**Permits**		
55-1-0053	PEC-E-43	GDA	55	380305	6124520	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
48-5-0195	Mungadal Scar Tree 4	GDA	55	313062	6141934	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	**Recorders**	Mr.Peter Ingram					**Permits**		
55-1-0031	Brookvale 5	AGD	55	377711	6089125	Open site	Valid	Artefact : 6		
	Contact	**Recorders**	Doctor.Chris Clarkson					**Permits**		
48-6-0137	South Burrabogie 1.7	AGD	55	331328	6144784	Open site	Valid	Water Hole : -		
	Contact	**Recorders**	Doctor.Colin Pardoe					**Permits**		
48-6-0132	South Burrabogie 1.2	AGD	55	331377	6145011	Open site	Valid	Artefact : -, Earth Mound : -		
	Contact	**Recorders**	Doctor.Sarah Martin					**Permits**		

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : E220305 Dinawan Wind 1

Client Service ID : 766066

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
49-4-0226	CO-ST-005	GDA	55	395982	6146413	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
Contact		Recorders	Kayandel Archaeological Services,Miss.Meggan Walker					Permits		
54-3-0034	Forest Creek Block Bank Scarred Tree 3	GDA	55	344983	6089467	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze					Permits		
55-1-0059	PEC-E-49	GDA	55	385552	6120798	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
54-3-0032	Wilson's Anabranch Scarred Tree 1	GDA	55	358030	6095580	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze					Permits		
48-5-0449	PEC-E-32	GDA	55	311626	6145206	Open site	Valid	Hearth : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
48-5-0199	Mungadal Scar Tree 6	GDA	55	313176	6141902	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Mr.Peter Ingram					Permits		
55-1-0036	Brookvale 10	AGD	55	377590	6089309	Open site	Valid	Artefact : 4, Earth Mound : 10		
Contact		Recorders	Doctor.Chris Clarkson					Permits		
48-6-0135	South Burrabogie 1.5	AGD	55	331569	6144904	Open site	Valid	Artefact : -		
Contact		Recorders	Doctor.Sarah Martin					Permits		
54-3-0012	D D #6;	AGD	55	344100	6089600	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	1326
Contact		Recorders	Doctor.Susan (left ahms) Mcintyre-Tamwoy					Permits		
54-3-0021	MVNP-Tholobin-Modified Tree	GDA	55	329442	6085634	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Mr.Mick Lalor					Permits		
55-1-0054	PEC-E-44	GDA	55	383788	6123418	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-1-0056	PEC-E-46	GDA	55	383996	6122996	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-1-0027	Brookvale 1	AGD	55	378098	6088945	Open site	Valid	Artefact : 14		
Contact		Recorders	Doctor.Chris Clarkson					Permits		

Report generated by AHIMS Web Service on 22/03/2023 for Taylar Reid for the following area at Lat, Long From : -35.3759, 144.8988 - Lat, Long To : -34.8141, 145.8876. Number of Aboriginal sites and Aboriginal objects found is 94

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : E220305 Dinawan Wind 1

Client Service ID : 766066

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
55-1-0009	Billabong Creek;	AGD	55	378225	6088984	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	
Contact		Recorders	ASRSYS					Permits		
54-4-0031	Canoe Tree.;	AGD	55	309400	6087000	Open site	Valid	Modified Tree (Carved or Scarred) : -	Carved Tree,Scarred Tree	884
Contact		Recorders	C Walker					Permits		
48-5-0446	PEC-E-29	GDA	55	310836	6145331	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
48-5-0450	PEC-E-33	GDA	55	311768	6145168	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
48-5-0202	Mungadal Scar Tree 2	GDA	55	313072	6141915	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Mr.Peter Ingram					Permits		
48-5-0197	Mungadal Scar Tree 5	GDA	55	313151	6141888	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Mr.Peter Ingram					Permits		
48-6-0165	PEC-E-36	GDA	55	318875	6145231	Open site	Valid	Artefact : -, Hearth : -, Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-1-0034	Brookvale 8	AGD	55	377639	6089234	Open site	Valid	Artefact : 7		
Contact		Recorders	Doctor.Chris Clarkson					Permits		
55-1-0003	Billabong Creek;	AGD	55	377947	6089347	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	
Contact		Recorders	ASRSYS					Permits		
55-1-0028	Brookvale 2	AGD	55	378028	6088983	Open site	Valid	Artefact : 14, Earth Mound : 1		
Contact		Recorders	Doctor.Chris Clarkson					Permits		
54-3-0028	Piccaninny Weir Scarred Tree 2	GDA	55	324268	6091594	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze					Permits		
48-6-0139	South Burrabogie 2	AGD	55	331793	6144274	Open site	Valid	Artefact : -, Hearth : -		
Contact		Recorders	Doctor.Sarah Martin					Permits		

Report generated by AHIMS Web Service on 22/03/2023 for Taylar Reid for the following area at Lat, Long From : -35.3759, 144.8988 - Lat, Long To : -34.8141, 145.8876. Number of Aboriginal sites and Aboriginal objects found is 94

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
54-3-0030	Forest Creek Block Bank Scarred Tree 1	GDA	55	344769	6089478	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze					Permits		
55-1-0008	Billabong Creek;	AGD	55	378684	6088806	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	
Contact		Recorders	ASRSYS					Permits		
49-4-0016	DB #11;Clifford Down;	AGD	55	378650	6146450	Open site	Valid	Artefact : -, Modified Tree (Carved or Scarred) : -	Open Camp Site,Scarred Tree	1326,98206
Contact		Recorders	Mr.I George,Doctor.Susan (left ahms) Mcintyre-Tamwoy					Permits		
55-1-0004	Billabong Creek;	AGD	55	381062	6088647	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	
Contact		Recorders	ASRSYS					Permits		
48-6-0166	PEC-E-37	GDA	55	321210	6144879	Open site	Valid	Artefact : -, Hearth : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
48-5-0447	PEC-E-30	GDA	55	310929	6145270	Open site	Valid	Artefact : -, Hearth : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
48-5-0198	Mungadal Scar Tree 7	GDA	55	312590	6142154	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Mr.Peter Ingram					Permits		
48-5-0203	Mungadal Scar Tree 1	GDA	55	313044	6141767	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Mr.Peter Ingram					Permits		
48-5-0200	Mungadal Scar Tree 8	GDA	55	313204	6142001	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Mr.Peter Ingram					Permits		
55-1-0035	Brookvale 9	AGD	55	377575	6089446	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
Contact		Recorders	Doctor.Chris Clarkson					Permits		
55-1-0032	Brookvale 6	AGD	55	377690	6089164	Open site	Valid	Artefact : 36, Earth Mound : 8, Non-Human Bone and Organic Material : -, Shell : -		
Contact		Recorders	Doctor.Chris Clarkson					Permits		

Report generated by AHIMS Web Service on 22/03/2023 for Taylar Reid for the following area at Lat, Long From : -35.3759, 144.8988 - Lat, Long To : -34.8141, 145.8876. Number of Aboriginal sites and Aboriginal objects found is 94

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : E220305 Dinawan Wind 1

Client Service ID : 766066

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
55-1-0002	Billabong Creek;	AGD	55	377947	6089347	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	
Contact		Recorders	ASRSYS					Permits		
55-1-0029	Brookvale 3	AGD	55	377967	6088993	Open site	Valid	Artefact : 2		
Contact		Recorders	Doctor.Chris Clarkson					Permits		
48-6-0134	South Burrabogie 1.4	AGD	55	331448	6144923	Open site	Valid	Artefact : -, Hearth : -		
Contact		Recorders	Doctor.Sarah Martin					Permits		
49-4-0225	CO-ST-004	GDA	55	395983	6146433	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
Contact		Recorders	Kayandel Archaeological Services,Miss.Meggan Walker					Permits		
54-3-0014	D D #6;	AGD	55	344000	6089800	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	1326
Contact		Recorders	J Carroll,George McIntyre					Permits		
54-3-0010	D D #6;	AGD	55	344100	6089900	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	1326,1352
Contact		Recorders	J Carroll,George McIntyre					Permits		
54-3-0013	D D #6;	AGD	55	344100	6089900	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	1326
Contact		Recorders	J Carroll,George McIntyre					Permits		
54-3-0011	D D #9;	AGD	55	344200	6093600	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	1326
Contact		Recorders	Doctor.Susan (left ahms) Mcintyre-Tamwoy					Permits		
48-6-0162	PEC-E-40	GDA	55	347789	6142051	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-1-0006	Billabong Creek;	AGD	55	381064	6088464	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	
Contact		Recorders	ASRSYS					Permits		
49-4-0146	Coleambally Rogarts rd Scar Tree 1	GDA	55	390447	6134196	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Mr.Peter Ingram					Permits		
48-5-0448	PEC-E-31	GDA	55	311227	6145296	Open site	Valid	Artefact : -, Hearth : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
48-6-0164	PEC-E-35	GDA	55	317974	6144178	Open site	Valid	Artefact : -		

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : E220305 Dinawan Wind 1

Client Service ID : 766066

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
54-3-0027	Piccaninny Weir Scarred Tree 1	GDA	55	324392	6091487	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	**Recorders**	Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze					**Permits**		
48-6-0138	South Burrabogie 1.8	AGD	55	331378	6145158	Open site	Valid	Hearth : -		
	Contact	**Recorders**	Doctor.Sarah Martin					**Permits**		
55-1-0058	PEC-E-48	GDA	55	385556	6120785	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
48-6-0160	PEC-E-38	GDA	55	335834	6142168	Open site	Valid	Artefact : -		
	Contact	**Recorders**	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					**Permits**		
49-4-0224	CO-ST-003	GDA	55	395994	6146504	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact	**Recorders**	Kayandel Archaeological Services,Miss.Meggan Walker					**Permits**		
49-4-0063	Coleambally Golf Club	GDA	55	397109	6146245	Open site	Valid	Modified Tree (Carved or Scarred) : -		
	Contact Gerry Saals	**Recorders**	Mr.Stephen Johnston					**Permits**		

**** Site Status**

Valid - The site has been recorded and accepted onto the system as valid

Destroyed - The site has been completely impacted or harmed usually as consequence of permit activity but sometimes also after natural events. There is nothing left of the site on the ground but proponents should proceed with caution.

Partially Destroyed - The site has been only partially impacted or harmed usually as consequence of permit activity but sometimes also after natural events. There might be parts or sections of the original site still present on the ground

Not a site - The site has been originally entered and accepted onto AHIMS as a valid site but after further investigations it was decided it is NOT an aboriginal site. Impact of this type of site does not require permit but Heritage NSW should be notified

Report generated by AHIMS Web Service on 22/03/2023 for Taylar Reid for the following area at Lat, Long From : -35.3759, 144.8988 - Lat, Long To : -34.8141, 145.8876. Number of Aboriginal sites and Aboriginal objects found is 94

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AHIMS Web Services (AWS)

Note: This Excel report shows the sites found in AHIMS on the 13/02/2024. 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	Latitude GDA94
48-6-0264	DEHW-2023-HASST1	GDA	55	356482	6129754	Open site	Valid		Artefact : -, Hearth : -, Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.42797352	-34.96460172
54-3-0066	DEHW-2023-AS17	GDA	55	356779	6123902	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.43021862	-35.01739407
48-6-0283	DEHW-2023-HIF5	GDA	55	357414	6133955	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.43889691	-34.92686491
48-5-0608	PWF SUD 11	GDA	55	310864	6135960	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.92995683	-34.90118201
48-5-0606	PWF SUD 20	GDA	55	311599	6136448	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.93810653	-34.89692100
48-5-0593	PWF SUD 04	GDA	55	312454	6136444	Open site	Valid		Potential Archaeological Deposit (PAD) : -, Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.94745757	-34.89711539
55-1-0161	DEHW-2023-HASPAD1	GDA	55	371756	6123237	Open site	Valid		Artefact : -, Hearth : -, Potential Archaeological Deposit (PAD) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.59422575	-35.02540094
49-4-0230	PEC-E-42	GDA	55	371727	6139121	Open site	Valid		Modified Tree (Carved or Scarred) : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.59635158	-34.88220631
55-1-0142	DEHW-2023-IF14	GDA	55	372337	6123261	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.60059650	-35.02525819
55-1-0135	DEHW-2023-AS22	GDA	55	372872	6122445	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.60633459	-35.03268168
48-6-0174	PWF SUA 04	GDA	55	318461	6143026	Open site	Valid		Artefact : -, Hearth : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.01459067	-34.83888927
55-1-0141	DEHW-2023-AS5	GDA	55	374521	6121945	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.62433187	-35.03739533
55-1-0140	DEHW-2023-AS6	GDA	55	377574	6125621	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.65833621	-35.00463129
54-3-0048	PW North Scarred Tree 3	GDA	55	324492	6091891	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.06969109	-35.30078834
48-6-0201	PSF 04	GDA	55	325556	6144959	Open site	Valid		Artefact : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.09254849	-34.82270934
48-6-0131	South Burrabogie 1.1	AGD	55	331332	6144997	Open site	Valid		Artefact : -, Earth Mound : -		Doctor.Sarah Martin			145.15695772	-34.82169920
48-6-0133	South Burrabogie 1.3	AGD	55	331415	6144960	Open site	Valid		Artefact : -, Hearth : -		Doctor.Sarah Martin			145.15785743	-34.82204642
48-6-0222	PEC-E-101	GDA	55	332287	6142811	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.16568482	-34.84320086
48-6-0161	PEC-E-39	GDA	55	338916	6142038	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.23800814	-34.85123986
54-3-0033	Hartwood Weir Scarred Tree 2	GDA	55	344514	6090124	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze			145.28947284	-35.32002822
54-3-0029	Hartwood Weir Scarred Tree 3	GDA	55	344558	6090081	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze			145.28994854	-35.32042262
54-3-0031	Forest Creek Block Bank Scarred Tree 2	GDA	55	344956	6089378	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze			145.29419217	-35.32682056
54-3-0022	MVNP-Tholobin-Modified Tree Food Gathering	GDA	55	329650	6085148	Open site	Valid		Modified Tree (Carved or Scarred) : 1		Mr.Mick Lalor			145.12499004	-35.36244901
55-1-0055	PEC-E-45	GDA	55	383901	6123009	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.72729322	-35.02892548
55-1-0088	DEHS-2023-H6	GDA	55	384908	6118565	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users			145.73771350	-35.06910418
55-1-0007	Billabong Creek;	AGD	55	378225	6088984	Open site	Valid		Artefact : -	Open Camp Site	ASRSYS			145.66133177	-35.33333630
55-1-0165	DEHW-2023-HAS7	GDA	55	379360	6123800	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.67764003	-35.02126237
55-1-0162	DEHW-2023-HAS13	GDA	55	380363	6124477	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.68872901	-35.01527847
48-6-0289	DEHW-2024-H1	GDA	55	358452	6132797	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.45006139	-34.93744886
48-6-0285	DEHW-2023-HIF2	GDA	55	358514	6136524	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.45137144	-34.90386139
48-6-0245	DEHW-2023-AS15	GDA	55	358626	6136340	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.45256581	-34.90553563
48-6-0254	DEHW-2023-H6	GDA	55	355433	6131075	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.41671625	-34.95254490
48-6-0280	DEHW-2023-IF3	GDA	55	355607	6139751	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.42012067	-34.87436314
48-6-0233	PEC-E-PAD24	GDA	55	335941	6142498	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.20557063	-34.84661805
48-6-0181	PWF SUC 04	GDA	55	320081	6143203	Open site	Valid		Artefact : -, Hearth : -, Potential Archaeological Deposit (PAD) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03233654	-34.83758192
48-6-0239	PWF SUB 09	GDA	55	321070	6138179	Open site	Valid		Artefact : -, Hearth : -, Potential Archaeological Deposit (PAD) : -		ERM Brisbane,Miss.Mia Linton-Smith			145.04207397	-34.88303453
48-5-0201	Mungadal Scar Tree 3	GDA	55	313060	6141964	Open site	Valid		Modified Tree (Carved or Scarred) : -		Mr.Peter Ingram			144.95531847	-34.84748167
54-2-0034	Booabula East 1	AGD	55	314600	6095800	Open site	Valid	Ms.Catherine M Cridland	Burial : 1, Hearth : -, Non-Human Bone and Organic Material : -, Shell : -		Harvey Johnston			144.96312181	-35.26213902
55-1-0111	Yanco Delta AS 05	GDA	55	363612	6120601	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.50454680	-35.04809582
55-1-0108	Yanco Delta AS 09	GDA	55	364931	6114741	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.51804999	-35.10109705
55-1-0104	Yanco Delta AS Hearth 04	GDA	55	365293	6115117	Open site	Valid		Artefact : -, Hearth : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.52208178	-35.09775616
48-6-0288	DEHW-2024-AS3	GDA	55	360941	6131138	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.47703055	-34.95274825
48-6-0267	DEHW-2023-HAS8	GDA	55	361399	6139695	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.48346460	-34.87567482
54-3-0063	Yanco Delta AS 01	GDA	55	362330	6117138	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.48991950	-35.07913795
48-6-0287	DEHW-2024-AS2	GDA	55	359608	6131096	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.46242915	-34.95294294
48-6-0272	DEHW-2023-H7	GDA	55	359740	6128712	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.46347313	-34.97445119
54-3-0060	WAO AS 1	GDA	55	363310	6094123	Open site	Valid		Artefact : -		Austral Archaeology,Miss.Carmen Baulch			145.49684988	-35.28673001
55-1-0129	Yanco Delta Hearth 01	GDA	55	365913	6125262	Open site	Valid		Hearth : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.53052140	-35.00638793
48-5-0603	PWF SUD 14	GDA	55	310718	6136188	Open site	Valid		Artefact : -, Hearth : -		ERM Brisbane,Miss.Mia Linton-Smith			144.92841144	-34.89910013
48-5-0585	PEC-E-PAD19	GDA	55	310602	6145389	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			144.92922244	-34.81616146
48-5-0586	PEC-E-PAD20	GDA	55	311728	6145414	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			144.94153207	-34.81614503
48-5-0451	PEC-E-34	GDA	55	312107	6145224	Open site	Valid		Artefact : -, Hearth : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			144.94563097	-34.81792731
48-5-0596	PWF SUE 03	GDA	55	312615	6140883	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.95021228	-34.85714159
55-1-0116	Yanco Delta ISO 07	GDA	55	370198	6119687	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.57659701	-35.05720372
55-1-0128	Yanco Delta Scarred Tree 02	GDA	55	370327	6120898	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.57820048	-35.04630365
55-1-0146	DEHW-2023-ST7	GDA	55	371884	6123242	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.59562925	-35.02537211
48-6-0236	PWF SUB 06	GDA	55	318670	6139813	Open site	Valid		Artefact : -		ERM Brisbane,Miss.Mia Linton-Smith			145.01617998	-34.86788288
55-1-0030	Brookvale 4	AGD	55	377750	6089075	Open site	Valid		Modified Tree (Carved or Scarred) : 1		Doctor.Chris Clarkson			145.65612013	-35.33245800
48-6-0202	PSF 03	GDA	55	324813	6145779	Open site	Valid		Artefact : -, Potential Archaeological Deposit (PAD) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.08459932	-34.81519134
48-6-0200	PSF 05	GDA	55	325670	6145148	Open site	Valid		Artefact : -, Hearth : -, Potential Archaeological Deposit (PAD) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.09383366	-34.82102547
54-3-0046	FC Earth Mound 1 | FC North Earth Feature 1	GDA	55	331932	6088141	Open site	Valid		Earth Mound : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.jake ferguson			145.15071093	-35.33586250
48-6-0136	South Burrabogie 1.6	AGD	55	331609	6145031	Open site	Valid		Artefact : -, Hearth : -		Doctor.Sarah Martin			145.15999197	-34.82143859
48-6-0163	PEC-E-41	GDA	55	349973	6142084	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.35891603	-34.85251711
48-6-0212	PSF 08	GDA	55	328755	6145394	Open site	Valid		Artefact : -, Hearth : -, Potential Archaeological Deposit (PAD) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.12759988	-34.81933203
48-6-0210	PSF 10	GDA	55	329060	6145350	Open site	Valid		Artefact : -, Potential Archaeological Deposit (PAD) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.13092423	-34.81977986
48-6-0226	PEC-E-97	GDA	55	330621	6143127	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.14753563	-34.84007665
55-1-0102	DEHS-2023-HIF1	GDA	55	384045	6118714	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users			145.72827134	-35.06766206
55-1-0080	DEHS-2023-IF2	GDA	55	384780	6118609	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.73631606	-35.06869289
55-1-0079	DEHs-2023-HAS4	GDA	55	386001	6117645	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.74957204	-35.07752230
55-1-0156	DEHW-2023-ASPAD2	GDA	55	378317	6125882	Open site	Valid		Artefact : -, Potential Archaeological Deposit (PAD) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.66651495	-35.00236809
55-1-0136	DEHW-2023-AS21	GDA	55	379544	6124017	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.67968787	-35.01932807
55-1-0010	Wilson's Rd Scarred Tree;	AGD	55	380020	6090510	Open site	Valid		Modified Tree (Carved or Scarred) : -	Scarred Tree	Harvey Johnston			145.68130125	-35.31979717
55-1-0005	Billabong Creek;	AGD	55	381064	6088464	Open site	Valid		Artefact : -	Open Camp Site	ASRSYS			145.69248694	-35.33836575
55-1-0099	DEHS-2023-AS8	GDA	55	381729	6117087	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.70264433	-35.08206052
48-6-0291	DEHW-2024-HAS1	GDA	55	357860	6127460	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.44267102	-34.98547457
48-6-0250	DEHW-2023-STAS2	GDA	55	357945	6128422	Open site	Valid		Artefact : -, Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.44376612	-34.97681491
48-6-0284	DEHW-2023-HIF4	GDA	55	358044	6129023	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.44495274	-34.97141130
48-6-0279	DEHW-2023-IF4	GDA	55	358131	6126108	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.44540875	-34.99769971
48-6-0178	PWF SUC 07	GDA	55	320090	6143624	Open site	Valid		Artefact : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03252522	-34.83378932
48-6-0190	PWF SUC 19	GDA	55	320535	6141853	Open site	Valid		Modified Tree (Carved or Scarred) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03701011	-34.84982882
55-1-0083	DEHS-2023-AS1	GDA	55	390136	6117387	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.79488458	-35.08030739
55-1-0049	JE-IF-002	GDA	55	390511	6094259	Open site	Valid		Artefact : 1		Kayandel Archaeological Services,Miss.Meggan Walker			145.79592533	-35.28885115
48-5-0196	Mungadal Hearth 1	GDA	55	313098	6141869	Open site	Valid		Hearth : -		Mr.Peter Ingram			144.95571268	-34.84834478
48-5-0594	PWF SUD 03	GDA	55	313664	6136522	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.96070998	-34.89663532
48-5-0413	West Wargan H1	GDA	55	309076	6131793	Open site	Valid		Hearth : -		Ms.Amanda Lavender,DPIE - Armidale			144.90944673	-34.93839831
55-1-0124	Yanco Delta AS Hearth 03	GDA	55	363437	6119399	Open site	Valid		Artefact : -, Hearth : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.50243072	-35.05890731
49-4-0239	DEHW-2023-IF9	GDA	55	363921	6134191	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.51015540	-34.92563185
55-1-0117	Yanco Delta ISO 06	GDA	55	364212	6119844	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.51099976	-35.05500056
49-4-0235	DEHW-2023-HIF1	GDA	55	364374	6135649	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.51535029	-34.91254937
55-1-0093	DEHS-2023-H1	GDA	55	387222	6118682	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.76310320	-35.06831085
55-1-0074	DEHS-2023-IF3	GDA	55	387327	6116732	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.76398943	-35.08590227
55-1-0133	Yanco Delta AS PAD 01	GDA	55	368217	6112146	Open site	Valid		Artefact : -, Potential Archaeological Deposit (PAD) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.55367961	-35.12492469
54-3-0068	DEHW-2023-AS3	GDA	55	360275	6123651	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.46848220	-35.02014615
55-1-0048	JE-IF-001	GDA	55	390843	6096680	Open site	Valid		Artefact : 1		Kayandel Archaeological Services,Miss.Meggan Walker			145.79989775	-35.26706202
55-1-0101	DEH-2023-WT1	GDA	55	392577	6117041	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.82161034	-35.08368983
55-1-0069	DEHS-2023-ST1	GDA	55	394006	6118538	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.83747451	-35.07034498
48-6-0257	DEHW-2023-H3	GDA	55	353610	6127609	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.39614889	-34.98352539

Site ID	Site name	Datum	Zone	Eastinq	Northinq	Context	Site status	Primary contact	Site features	Site types	Recorders	Reports	Permits	Longitude	Latitude GDA94
48-6-0229	PEC-E-PAD26	GDA	55	358764	6142245	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Elaine Dickens			145.45507236	-34.85232522
48-6-0227	PEC-E-94	GDA	55	358934	6142051	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.45689867	-34.85409762
48-6-0228	PEC-E-93	GDA	55	358934	6142051	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.45689867	-34.85409762
48-5-0601	PWF SUD 12	GDA	55	310791	6136003	Open site	Valid		Earth Mound : -, Hearth : -		ERM Brisbane,Miss.Mia Linton-Smith			144.92916806	-34.90078090
48-5-0614	PWF SUF 01	GDA	55	311960	6135054	Open site	Valid		Artefact : -		ERM Brisbane,Miss.Mia Linton-Smith			144.94174157	-34.90955032
48-5-0599	PWF SUE 01	GDA	55	312476	6140790	Open site	Valid		Artefact : -		ERM Brisbane,Miss.Mia Linton-Smith			144.94867182	-34.85795406
55-1-0148	DEHW-2023-ST5	GDA	55	371715	6123102	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.59375560	-35.02661271
55-1-0145	DEHW-2023-ST11	GDA	55	371990	6123074	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.59676499	-35.02690002
54-3-0019	Oddys Drain 1;CSIRO;	AGD	55	318930	6085720	Open site	Valid		Artefact : -	Isolated Find	Ms.Vanessa Edmonds			145.00847003	-35.35376705
55-1-0033	Brookvale 7	AGD	55	377651	6089274	Open site	Valid		Artefact : 3		Doctor.Chris Clarkson			145.65506081	-35.33065201
55-1-0037	Brookvale 11	AGD	55	377871	6088998	Open site	Valid		Artefact : 67, Earth Mound : 10, Shell : -, Non-Human Bone and Organic Material : -		Doctor.Chris Clarkson			145.65743969	-35.33316690
55-1-0151	DEHW-2023-ST2	GDA	55	377526	6125755	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.65783004	-35.00341747
48-6-0203	PSF 02	GDA	55	323261	6145843	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.06765257	-34.81434628
54-3-0050	PW North AS2	GDA	55	324616	6091860	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.07104757	-35.30108947
55-1-0132	PEC-E-PAD27	GDA	55	383047	6124703	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.71817194	-35.01355528
48-6-0224	PEC-E-98	GDA	55	331315	6142987	Open site	Valid		Artefact : -, Hearth : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.15509411	-34.84145381
48-6-0225	PEC-E-99	GDA	55	331549	6142980	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.15765079	-34.84155568
55-1-0051	CO-ST-001	GDA	55	388850	6106205	Open site	Valid		Modified Tree (Carved or Scarred) : 1		Kayandel Archaeological Services,Miss.Meggan Walker			145.77927735	-35.18097433
49-4-0223	CO-ST-002	GDA	55	395322	6141764	Open site	Valid		Modified Tree (Carved or Scarred) : 1		Kayandel Archaeological Services,Miss.Meggan Walker			145.85482335	-34.86108424
54-3-0009	D D #7;	AGD	55	343800	6091300	Open site	Valid		Modified Tree (Carved or Scarred) : -	Scarred Tree	J Carroll,George McIntyre	1326		145.28312374	-35.30767535
54-3-0026	Hartwood Weir Scarred Tree 1	GDA	55	344514	6090124	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze			145.28947284	-35.32002822
54-3-0057	Forest Creek Block Bank Scarred Tree 4	GDA	55	344938	6089381	Open site	Valid		Modified Tree (Carved or Scarred) : -		Austral Archaeology,Miss.Carmen Baulch			145.29399478	-35.32679073
48-6-0172	PWF SUB 01	GDA	55	327701	6143097	Open site	Valid		Artefact : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.11560919	-34.83985657
54-3-0015	Picaninny Creek;	AGD	55	328700	6088500	Open site	Valid		Modified Tree (Carved or Scarred) : -	Scarred Tree	J Brickhill			145.11652267	-35.33043739
55-1-0068	DEHS-2023-ST4	GDA	55	383641	6120269	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.72405963	-35.05359703
55-1-0094	DEHS-2023-AS7	GDA	55	385446	6120591	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.74389264	-35.05090069
55-1-0057	PEC-E-47	GDA	55	385521	6120787	Open site	Valid		Hearth : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.74474189	-35.04914222
55-1-0060	PEC-E-50	GDA	55	385613	6120756	Open site	Valid		Hearth : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.74574618	-35.04943212
55-1-0073	DEHS-2023-IF5	GDA	55	385867	6118809	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.74826281	-35.06701347
55-1-0155	DEHW-2023-ASPAD3	GDA	55	377809	6126139	Open site	Valid		Artefact : -, Potential Archaeological Deposit (PAD) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.66098704	-34.99998997
55-1-0143	DEHW-2023-STAS1	GDA	55	379663	6119890	Open site	Valid		Artefact : -, Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.68039381	-35.05654710
55-1-0052	PEC-E-G2	GDA	55	380298	6124522	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mr.Adrian Cressey			145.68802322	-35.01486509
55-1-0053	PEC-E-43	GDA	55	380305	6124520	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.68809964	-35.01488395
48-6-0256	DEHW-2023-H4	GDA	55	358249	6128957	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.44718644	-34.97203497
48-6-0273	DEHW-2023-ST1	GDA	55	354278	6127289	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.40340897	-34.98650629
48-6-0255	DEHW-2023-H5	GDA	55	354286	6132164	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.40434897	-34.94256427
48-6-0252	DEHW-2023-ST9	GDA	55	354680	6129793	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.40824880	-34.96399310
48-6-0243	DEHW-2023-AS18	GDA	55	354940	6126271	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.41048221	-34.99577767
54-3-0065	Yanco Delta Ring Tree 01	GDA	55	356516	6115022	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.42580107	-35.09740060
48-6-0183	PWF SUC 02	GDA	55	320040	6143174	Open site	Valid		Modified Tree (Carved or Scarred) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03188216	-34.83783603
48-6-0180	PWF SUC 05	GDA	55	320096	6143502	Open site	Valid		Artefact : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03256463	-34.83488988
48-6-0208	PWF SUC 20	GDA	55	320535	6141841	Open site	Valid		Modified Tree (Carved or Scarred) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03700754	-34.84993697
55-1-0127	YDWF-IF-22-01	GDA	55	364320	6124838	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.51299949	-35.00999745
55-1-0109	Yanco Delta AS 08	GDA	55	365168	6114586	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.52062428	-35.10252602
55-1-0038	Tooleybuc Bridge PAD	GDA	55	365638	6117781	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Mr.Jeffrey Hill			145.52629787	-35.07378808
55-1-0105	Yanco Delta AS Hearth 02	GDA	55	367262	6115102	Open site	Valid		Artefact : -, Hearth : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.54367573	-35.09815275
55-1-0107	Yanco Delta AS 10	GDA	55	367643	6117544	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.54824484	-35.07618970
48-6-0281	DEHW-2023-IF2	GDA	55	360720	6128743	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.47421067	-34.97430710
48-6-0276	DEHW-2023-IF11	GDA	55	361790	6140726	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.48791170	-34.86643417
55-1-0070	DEHS-2023-ST2	GDA	55	394026	6118536	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.83769357	-35.07036511
55-1-0125	YDWF-MT-22-02	GDA	55	366132	6125286	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.53292461	-35.00620061
55-1-0126	YDWF-MT-22-01	GDA	55	366146	6125397	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.53309586	-35.00520186
55-1-0130	Yanco Delta AS PAD Hearth 01	GDA	55	369610	6112380	Open site	Valid		Artefact : -, Hearth : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.56900044	-35.12299676
48-5-0613	PWF SUD 10	GDA	55	310898	6135933	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.93032263	-34.90143166
48-5-0604	PWF SUD 16	GDA	55	311530	6136366	Open site	Valid		Hearth : -		ERM Brisbane,Miss.Mia Linton-Smith			144.93733334	-34.89764715
48-5-0592	PWF SUD 05	GDA	55	311754	6137197	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.93997048	-34.89019995
48-5-0610	PWF SUD 06	GDA	55	311800	6135540	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.94010067	-34.90514095
48-5-0591	PWF SUE 04	GDA	55	312859	6140931	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.95289059	-34.85675398
48-6-0175	PWF SUA 03	GDA	55	318145	6143959	Open site	Valid		Artefact : -, Hearth : -, Potential Archaeological Deposit (PAD) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.01133884	-34.83042440
48-6-0176	PWF SUA 02	GDA	55	318177	6143304	Open site	Valid		Hearth : -, Modified Tree (Carved or Scarred) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.01154661	-34.83633314
55-1-0157	DEHW-2023-ASPAD1	GDA	55	375315	6119392	Open site	Valid		Artefact : -, Potential Archaeological Deposit (PAD) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.63265098	-35.06050847
55-1-0031	Brookvale 5	AGD	55	377711	6089125	Open site	Valid		Artefact : 6		Doctor.Chris Clarkson			145.65569858	-35.33200250
54-3-0052	PW North ISO 10	GDA	55	324515	6091844	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.06993387	-35.30121594
54-3-0044	PW ISO 5	GDA	55	327467	6093792	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.10279517	-35.28417418
55-1-0167	DEHW-2023-HIF3	GDA	55	382177	6122804	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.70836945	-35.03057391
55-1-0164	DEHW-2023-HAS9	GDA	55	383137	6122931	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.71890894	-35.02954054
48-6-0137	South Burrabogie 1.7	AGD	55	331328	6144784	Open site	Valid		Water Hole : -		Doctor.Colin Pardoe			145.15687122	-34.82361831
48-6-0132	South Burrabogie 1.2	AGD	55	331377	6145011	Open site	Valid		Artefact : -, Earth Mound : -		Doctor.Sarah Martin			145.15745235	-34.82158047
49-4-0226	CO-ST-005	GDA	55	395982	6146413	Open site	Valid		Modified Tree (Carved or Scarred) : 1		Kayandel Archaeological Services,Miss.Meggan Walker			145.86261924	-34.81923711
54-3-0045	FC earth mound 1	GDA	55	344768	6089476	Open site	Valid		Earth Mound : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.jake ferguson			145.29214318	-35.32590810
54-3-0034	Forest Creek Block Bank Scarred Tree 3	GDA	55	344983	6089467	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze			145.29450596	-35.32602260
48-6-0211	PSF 09	GDA	55	328436	6145418	Open site	Valid		Artefact : -, Hearth : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.12411848	-34.81906200
55-1-0153	DEHW-2023-ASPAD5	GDA	55	383449	6122839	Open site	Valid		Artefact : -, Hearth : -, Potential Archaeological Deposit (PAD) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.72231552	-35.03040599
55-1-0090	DEHS-2023-H4	GDA	55	384563	6119020	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.73399384	-35.06496286
55-1-0059	PEC-E-49	GDA	55	385552	6120798	Open site	Valid		Modified Tree (Carved or Scarred) : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.74508325	-35.04904657
55-1-0076	DEHS-2023-HAS1	GDA	55	386986	6117838	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.76040033	-35.07589327
55-1-0084	DEHS-2023-AS2	GDA	55	387000	6118106	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.76059040	-35.07347876
55-1-0159	DEHW-2023-AS23	GDA	55	387046	6123890	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.76188203	-35.02133967
55-1-0120	Yanco Delta ISO 03	GDA	55	381789	6098891	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.70069569	-35.24610225
48-6-0258	DEHW-2023-H2	GDA	55	358138	6128541	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.44590004	-34.97576931
48-6-0242	DEHW-2023-AS19	GDA	55	355106	6126478	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.41233660	-34.99393558
54-3-0069	DEHW-2023-ASPAD7	GDA	55	356277	6124054	Open site	Valid		Artefact : -, Hearth : -, Potential Archaeological Deposit (PAD) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.42474454	-35.01595266
48-6-0275	DEHW-2023-IF12	GDA	55	356175	6139996	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.42637546	-34.87223524
48-6-0237	PWF SUB 07	GDA	55	321350	6138662	Open site	Valid		Artefact : -		ERM Brisbane,Miss.Mia Linton-Smith			145.04523936	-34.87873086
48-6-0234	PWF SUB 08	GDA	55	321506	6138234	Open site	Valid		Artefact : -		ERM Brisbane,Miss.Mia Linton-Smith			145.04685413	-34.88261558
55-1-0085	DEHS-2023-AS3	GDA	55	389529	6119361	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.78849069	-35.06244482
48-5-0195	Mungadal Scar Tree 4	GDA	55	313062	6141934	Open site	Valid		Modified Tree (Carved or Scarred) : -		Mr.Peter Ingram			144.95533364	-34.84775239
49-4-0237	DEHW-2023-HASPAD3	GDA	55	363304	6140613	Open site	Valid		Artefact : -, Hearth : -, Potential Archaeological Deposit (PAD) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.50445216	-34.86765764
55-1-0112	Yanco Delta AS 04	GDA	55	364677	6117985	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.51579392	-35.07182064
55-1-0114	Yanco Delta AS 02	GDA	55	365306	6120329	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.52307133	-35.05077524
54-3-0071	DEHW-2023-HAS1	GDA	55	360514	6124913	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.47131279	-35.00880326
48-6-0263	DEHW-2023-AS25	GDA	55	360951	6133756	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.47757634	-34.92915009
48-6-0282	DEHW-2023-IF1	GDA	55	361464	6128374	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.48229715	-34.97773551
48-6-0278	DEHW-2023-IF6	GDA	55	353399	6126295	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.39360655	-34.99533910
54-3-0032	Wilson's Anabranch Scarred Tree 1	GDA	55	358030	6095580	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze			145.43905781	-35.27286173
54-3-0053	Wilson Ananbranch scar tree one	GDA	55	358030	6095580	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.jake ferguson			145.43905781	-35.27286173
48-5-0602	PWF SUD 13	GDA	55	310802	6135958	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.92927820	-34.90118848
48-5-0449	PEC-E-32	GDA	55	311626	6145206	Open site	Valid		Hearth : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			144.94037082	-34.81800063
55-1-0147	DEHW-2023-ST6	GDA	55	371756	6123143	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.59421124	-35.02624832
48-5-0595	PWF SUD 01	GDA	55	314507	6137329	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.97010972	-34.88951711
48-6-0177	PWF SUA 01	GDA	55	318379	6145199	Open site	Valid		Artefact : -, Hearth : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.01416472	-34.81929098
55-1-0166	DEHW-2023-IF7	GDA	55	375284	6121153	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.63257579	-35.04462960

Site ID	Site name	Datum	Zone	Eastinq	Northinq	Context	Site status	Primary contact	Site features	Site types	Recorders	Reports	Permits	Longitude	Latitude GDA94
55-1-0160	DEHW-2023-HASPAD2	GDA	55	375700	6124332	Open site	Valid		Artefact : -, Hearth : -, Potential Archaeological Deposit (PAD) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.63761151	-35.01602275
55-1-0036	Brookvale 10	AGD	55	377590	6089309	Open site	Valid		Artefact : 4, Earth Mound : 10		Doctor.Chris Clarkson			145.65439504	-35.33032903
55-1-0150	DEHW-2023-ST3	GDA	55	377555	6125765	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.65814924	-35.00333083
54-3-0051	PW North ISO 9	GDA	55	324506	6091833	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.06983258	-35.30131349
54-3-0043	PW ISO 3	GDA	55	326953	6092211	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.09681232	-35.29833342
55-1-0131	PEC-E-95	GDA	55	383155	6124024	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.71925993	-35.01968907
48-6-0135	South Burrabogie 1.5	AGD	55	331569	6144904	Open site	Valid		Artefact : -		Doctor.Sarah Martin			145.15952933	-34.82257663
54-3-0012	D D #6;	AGD	55	344100	6089600	Open site	Valid		Modified Tree (Carved or Scarred) : -	Scarred Tree	Doctor.Susan (left ahms) Mcintyre-Tamwoy	1326		145.28609893	-35.32304412
54-3-0056	Hartwood Weir Earth Mound 2	GDA	55	344262	6091268	Open site	Valid		Earth Mound : -		Austral Archaeology,Miss.Carmen Baulch			145.28691915	-35.30967818
54-3-0061	Hartwood Weir Earth Mound 3	GDA	55	344312	6091133	Open site	Valid		Hearth : -		Austral Archaeology,Mr.Brody Sacococcia			145.28744326	-35.31090272
54-3-0021	MVNP-Tholobin-Modified Tree	GDA	55	329442	6085634	Open site	Valid		Modified Tree (Carved or Scarred) : -		Mr.Mick Lalor			145.12280313	-35.35803362
55-1-0054	PEC-E-44	GDA	55	383788	6123418	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.72611197	-35.02522528
55-1-0056	PEC-E-46	GDA	55	383996	6122996	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.72833259	-35.02905359
55-1-0082	DEHS-2023-IF1	GDA	55	385085	6117870	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.73955800	-35.07538989
55-1-0077	DEHS-2023-HAS2	GDA	55	385726	6118541	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.74667980	-35.06941357
55-1-0027	Brookvale 1	AGD	55	378098	6088945	Open site	Valid		Artefact : 14		Doctor.Chris Clarkson			145.65992891	-35.33367238
55-1-0009	Billabong Creek;	AGD	55	378225	6088984	Open site	Valid		Modified Tree (Carved or Scarred) : -	Scarred Tree	ASRSYS			145.66133177	-35.33333630
48-6-0269	DEHW-2023-HAS5	GDA	55	357557	6128719	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.43956771	-34.97408317
48-6-0251	DEHW-2023-ST10	GDA	55	358416	6136966	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.45037400	-34.89986341
48-6-0184	PWF SUC 01	GDA	55	320056	6143200	Open site	Valid		Modified Tree (Carved or Scarred) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03206263	-34.83760454
48-6-0193	PWF SUC 16	GDA	55	320252	6141830	Open site	Valid		Modified Tree (Carved or Scarred) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03391133	-34.84998611
48-6-0192	PWF SUC 17	GDA	55	320264	6141825	Open site	Valid		Modified Tree (Carved or Scarred) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03404145	-34.85003330
48-6-0194	PWF SUC 15	GDA	55	320279	6141853	Open site	Valid		Modified Tree (Carved or Scarred) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03421144	-34.84978360
48-6-0207	PWF SUC 21	GDA	55	320302	6141798	Open site	Valid		Modified Tree (Carved or Scarred) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03445109	-34.85028335
48-6-0195	PWF SUC 14	GDA	55	320364	6141856	Open site	Valid		Modified Tree (Carved or Scarred) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03514133	-34.84977159
48-6-0191	PWF SUC 18	GDA	55	320529	6141856	Open site	Valid		Modified Tree (Carved or Scarred) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03694516	-34.84980072
48-6-0205	PWF SUC 23	GDA	55	321066	6145259	Open site	Valid		Hearth : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.04354175	-34.81922613
48-6-0232	PEC-E-PAD23	GDA	55	321181	6144982	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.04473949	-34.82174278
55-1-0163	DEHW-2023-HAS12	GDA	55	390345	6126225	Open site	Valid		Artefact : -, Earth Mound : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.79834402	-35.00065213
48-5-0199	Mungadal Scar Tree 6	GDA	55	313176	6141902	Open site	Valid		Modified Tree (Carved or Scarred) : -		Mr.Peter Ingram			144.95657270	-34.84806172
55-1-0134	Yanco Delta AS PAD 02	GDA	55	363921	6114848	Open site	Valid		Artefact : -, Hearth : -, Potential Archaeological Deposit (PAD) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.50698939	-35.09999658
55-1-0113	Yanco Delta AS 03	GDA	55	364668	6120913	Open site	Valid		Art (Pigment or Engraved) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.51617293	-35.04542550
55-1-0081	DEHS-2023-HIF3	GDA	55	387243	6118461	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.76330342	-35.07030556
55-1-0096	DEHS-2023-AS5	GDA	55	387335	6118532	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.76432189	-35.06967577
48-6-0262	DEHW-2023-AS26	GDA	55	359945	6138803	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.46741106	-34.88351620
48-6-0271	DEHW-2023-HAS2	GDA	55	360381	6131348	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.47093454	-34.95077820
54-3-0067	DEHW-2023-AS4	GDA	55	361119	6123989	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.47778681	-35.01721572
54-3-0072	DEHW-2023-IFPAD2	GDA	55	353969	6125301	Open site	Valid		Artefact : -, Potential Archaeological Deposit (PAD) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.39967573	-35.00438141
48-6-0286	DEHW-2024-AS1	GDA	55	359300	6127510	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.45845145	-34.98522518
48-6-0268	DEHW-2023-HAS6	GDA	55	359321	6131712	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.45939085	-34.94735034
48-6-0247	DEHW-2023-AS12	GDA	55	359691	6131281	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.46336900	-34.95128681
54-4-0031	Canoe Tree.;	AGD	55	309400	6087000	Open site	Valid		Modified Tree (Carved or Scarred) : -	Carved Tree,Scarred Tree	C Walker	884		144.90394634	-35.34045968
48-5-0446	PEC-E-29	GDA	55	310836	6145331	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			144.93176632	-34.81672766
48-5-0609	PWF SUD 08	GDA	55	311455	6135117	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.93623130	-34.90888886
48-5-0607	PWF SUD 19	GDA	55	311594	6136438	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.93804959	-34.89701019
48-5-0450	PEC-E-33	GDA	55	311768	6145168	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			144.94191400	-34.81836935
48-5-0597	PWF SUE 05	GDA	55	312606	6141062	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.95015392	-34.85552681
55-1-0110	Yanco Delta AS 07	GDA	55	370968	6120414	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.58515157	-35.05074888
55-1-0115	Yanco Delta ISO 08	GDA	55	370982	6120397	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.58530239	-35.05090392
48-6-0165	PEC-E-36	GDA	55	318875	6145231	Open site	Valid		Artefact : -, Hearth : -, Modified Tree (Carved or Scarred) : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.01959199	-34.81909097
55-1-0158	DEHW-2023-AS24	GDA	55	374866	6122309	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.62816810	-35.03415677
55-1-0168	DEHW-2024-HAS4	GDA	55	375931	6125587	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.64033001	-35.00473746
49-4-0233	DEHW-2023-AS1	GDA	55	376385	6130172	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.64598493	-34.96345960
55-1-0034	Brookvale 8	AGD	55	377639	6089234	Open site	Valid		Artefact : 7		Doctor.Chris Clarkson			145.65492284	-35.33101112
55-1-0003	Billabong Creek;	AGD	55	377947	6089347	Open site	Valid		Modified Tree (Carved or Scarred) : -	Scarred Tree	ASRSYS			145.65832773	-35.33003014
49-4-0241	DEHW-2023-IF5	GDA	55	377558	6127107	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.65837961	-34.99123311
55-1-0028	Brookvale 2	AGD	55	378028	6088983	Open site	Valid		Artefact : 14, Earth Mound : 1		Doctor.Chris Clarkson			145.65916453	-35.33332129
54-3-0028	Piccaninny Weir Scarred Tree 2	GDA	55	324268	6091594	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze			145.06716503	-35.30342552
54-3-0035	PW North AS1	GDA	55	324679	6091754	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.07171746	-35.30205577
54-3-0042	PW ISO 4	GDA	55	327363	6093745	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.10164224	-35.28457981
48-6-0186	PWF SUB 02	GDA	55	326519	6142028	Open site	Valid		Artefact : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.10246701	-34.84929024
48-6-0139	South Burrabogie 2	AGD	55	331793	6144274	Open site	Valid		Artefact : -, Hearth : -		Doctor.Sarah Martin			145.16185133	-34.82829188
48-6-0223	PEC-E-100	GDA	55	332030	6142854	Open site	Valid		Artefact : -, Hearth : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.16288385	-34.84277088
48-6-0230	PEC-E-PAD25	GDA	55	338335	6142434	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.23173202	-34.84757834
54-3-0030	Forest Creek Block Bank Scarred Tree 1	GDA	55	344769	6089478	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze			145.29215456	-35.32589023
48-6-0199	PSF 06	GDA	55	327692	6145175	Open site	Valid		Artefact : -, Hearth : -, Potential Archaeological Deposit (PAD) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.11593759	-34.82112644
48-6-0209	PSF 11	GDA	55	329291	6145057	Open site	Valid		Artefact : -, Potential Archaeological Deposit (PAD) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.13338923	-34.82245941
55-1-0078	DEHS-2023-HAS3	GDA	55	384517	6118588	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.73342929	-35.06885213
55-1-0087	DEHS-2023-H7	GDA	55	385261	6118476	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.74157193	-35.06994675
55-1-0139	DEHW-2023-AS7	GDA	55	378030	6125758	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.66335239	-35.00345136
55-1-0008	Billabong Creek;	AGD	55	378684	6088806	Open site	Valid		Modified Tree (Carved or Scarred) : -	Scarred Tree	ASRSYS			145.66635464	-35.33499670
55-1-0123	Yanco Delta Hearth 02	GDA	55	378909	6100584	Open site	Valid		Hearth : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.66929732	-35.23049650
49-4-0016	DB #11;Clifford Down;	AGD	55	378650	6146450	Open site	Valid		Artefact : -, Modified Tree (Carved or Scarred) : -	Open Camp Site,Scarred Tree	Mr.I George,Doctor.Susan (left ahms) Mcintyre-Tamwoy	1326,98206		145.67441361	-34.81533818
55-1-0004	Billabong Creek;	AGD	55	381062	6088647	Open site	Valid		Modified Tree (Carved or Scarred) : -	Scarred Tree	ASRSYS			145.69249152	-35.33671585
48-6-0277	DEHW-2023-IF10	GDA	55	358423	6137169	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.45048496	-34.89803449
48-6-0274	DEHW-2023-IFPAD1	GDA	55	356385	6127913	Open site	Valid		Artefact : -, Potential Archaeological Deposit (PAD) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.42659399	-34.98118287
48-6-0238	PWF SUB 10	GDA	55	321003	6138293	Open site	Valid		Artefact : -		ERM Brisbane,Miss.Mia Linton-Smith			145.04136559	-34.88199531
48-6-0166	PEC-E-37	GDA	55	321210	6144879	Open site	Valid		Artefact : -, Hearth : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.04503448	-34.82267616
55-1-0152	DEHW-2023-ASPAD8	GDA	55	374101	6121708	Open site	Valid		Artefact : -, Potential Archaeological Deposit (PAD) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.61969252	-35.03947954
48-5-0202	Mungadal Scar Tree 2	GDA	55	313072	6141915	Open site	Valid		Modified Tree (Carved or Scarred) : -		Mr.Peter Ingram			144.95543872	-34.84792545
48-5-0197	Mungadal Scar Tree 5	GDA	55	313151	6141888	Open site	Valid		Modified Tree (Carved or Scarred) : -		Mr.Peter Ingram			144.95629629	-34.84818330
55-1-0121	Yanco Delta ISO 02	GDA	55	363588	6112202	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.50290067	-35.12380309
55-1-0118	Yanco Delta ISO 05	GDA	55	364311	6119923	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.51209796	-35.05430175
49-4-0240	DEHW-2023-IF8	GDA	55	364225	6135135	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.51363618	-34.91716291
55-1-0119	Yanco Delta ISO 04	GDA	55	365295	6115112	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.52210291	-35.09780150
48-6-0265	DEHW-2023-HAS11	GDA	55	360708	6129789	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.47425413	-34.96487651
48-6-0246	DEHW-2023-AS13	GDA	55	360733	6138928	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.47605205	-34.88249778
48-6-0241	DEHW-2023-AS20	GDA	55	361062	6133881	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.47881208	-34.92803851
48-6-0244	DEHW-2023-AS16	GDA	55	361805	6133199	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.48683152	-34.93428789
48-6-0253	DEHW-2023-ST8	GDA	55	361874	6135210	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.48791947	-34.91616933
54-3-0070	DEHW-2023-HAS4	GDA	55	357279	6124976	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.43588144	-35.00778373
48-6-0248	DEHW-2023-AS11	GDA	55	359706	6132005	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.46365500	-34.94476256
48-5-0447	PEC-E-30	GDA	55	310929	6145270	Open site	Valid		Artefact : -, Hearth : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			144.93276882	-34.81729465
48-5-0198	Mungadal Scar Tree 7	GDA	55	312590	6142154	Open site	Valid		Modified Tree (Carved or Scarred) : -		Mr.Peter Ingram			144.95022316	-34.84568289
48-5-0611	PWF SUB 04	GDA	55	316614	6137748	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.99324631	-34.88612383
48-6-0235	PWF SUB 05	GDA	55	318303	6138690	Open site	Valid		Artefact : -		ERM Brisbane,Miss.Mia Linton-Smith			145.01192329	-34.87793800
48-6-0173	PWF SUA 05	GDA	55	318419	6143044	Open site	Valid		Modified Tree (Carved or Scarred) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.01413547	-34.83871955
55-1-0035	Brookvale 9	AGD	55	377575	6089446	Open site	Valid		Modified Tree (Carved or Scarred) : 1		Doctor.Chris Clarkson			145.65425051	-35.32909222
55-1-0032	Brookvale 6	AGD	55	377690	6089164	Open site	Valid		Artefact : 36, Earth Mound : 8, Non-Human Bone and Organic Material : -, Shell : -		Doctor.Chris Clarkson			145.65547339	-35.33164837
55-1-0138	DEHW-2023-AS8	GDA	55	377384	6124274	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.65605587	-35.01675138
55-1-0002	Billabong Creek;	AGD	55	377947	6089347	Open site	Valid		Modified Tree (Carved or Scarred) : -	Scarred Tree	ASRSYS			145.65832773	-35.33003014
55-1-0029	Brookvale 3	AGD	55	377967	6088993	Open site	Valid		Artefact : 2		Doctor.Chris Clarkson			145.65849499	-35.33322370
54-3-0037	PW Earth Feature 5	GDA	55	324343	6091645	Open site	Valid		Earth Mound : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.06800044	-35.30297909
54-3-0039	PW Earth Feature 3	GDA	55	324421	6091627	Open site	Valid		Earth Mound : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.06885405	-35.30315501

Site ID	Site name	Datum	Zone	Eastinq	Northinq	Context	Site status	Primary contact	Site features	Site types	Recorders	Reports	Permits	Longitude	Latitude GDA94
54-3-0038	PW Earth Feature 4	GDA	55	324427	6091664	Open site	Valid		Earth Mound : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.06892794	-35.30282262
54-3-0049	PW North Scarred Tree 1	GDA	55	324506	6091871	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.06984071	-35.30097104
54-3-0041	PW Earth Feature 1	GDA	55	324624	6091667	Open site	Valid		Earth Mound : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.07109422	-35.30283016
54-3-0036	PW Earth Feature 6	GDA	55	324626	6091756	Open site	Valid		Earth Mound : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.07113525	-35.30202845
48-6-0134	South Burrabogie 1.4	AGD	55	331448	6144923	Open site	Valid		Artefact : -, Hearth : -		Doctor.Sarah Martin			145.15821067	-34.82238537
49-4-0225	CO-ST-004	GDA	55	395983	6146433	Open site	Valid		Modified Tree (Carved or Scarred) : 1		Kayandel Archaeological Services,Miss.Meggan Walker			145.86263265	-34.81905690
54-3-0014	D D #6;	AGD	55	344000	6089800	Open site	Valid		Modified Tree (Carved or Scarred) : -	Scarred Tree	J Carroll,George McIntyre	1326		145.28503729	-35.32122594
54-3-0010	D D #6;	AGD	55	344100	6089900	Open site	Valid		Modified Tree (Carved or Scarred) : -	Scarred Tree	J Carroll,George McIntyre	1326,1352		145.28615600	-35.32034025
54-3-0013	D D #6;	AGD	55	344100	6089900	Open site	Valid		Modified Tree (Carved or Scarred) : -	Scarred Tree	J Carroll,George McIntyre	1326		145.28615600	-35.32034025
54-3-0054	Hartwood Weir Earth Mound 1	GDA	55	344285	6091276	Open site	Valid		Earth Mound : -		Austral Archaeology,Miss.Carmen Baulch			145.28717356	-35.30960966
54-3-0011	D D #9;	AGD	55	344200	6093600	Open site	Valid		Modified Tree (Carved or Scarred) : -	Scarred Tree	Doctor.Susan (left ahms) Mcintyre-Tamwoy	1326		145.28795857	-35.28700793
48-6-0162	PEC-E-40	GDA	55	347789	6142051	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.33502903	-34.85248991
54-3-0059	Hartwood Weir Scarred Tree 4	GDA	55	344938	6089381	Open site	Valid		Modified Tree (Carved or Scarred) : -		Austral Archaeology,Miss.Carmen Baulch			145.29399478	-35.32679073
55-1-0089	DEHS-2023-H5	GDA	55	384700	6118635	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.73544246	-35.06844936
55-1-0072	DEHS-2023-IF6	GDA	55	386365	6117349	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.75352324	-35.08023189
55-1-0097	DEHS-2023-ST5	GDA	55	387075	6121441	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.76186687	-35.04342134
55-1-0154	DEHW-2023-ASPAD4	GDA	55	377727	6125072	Open site	Valid		Artefact : -, Potential Archaeological Deposit (PAD) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.65993181	-35.00959902
55-1-0149	DEHW-2023-ST4	GDA	55	377872	6126030	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.66166125	-35.00098022
55-1-0006	Billabong Creek;	AGD	55	381064	6088464	Open site	Valid		Modified Tree (Carved or Scarred) : -	Scarred Tree	ASRSYS			145.69248694	-35.33836575
48-6-0290	DEHW-2024-H2	GDA	55	358465	6131879	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.45004796	-34.94572573
48-6-0259	DEHW-2023-H1	GDA	55	358650	6135501	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.45268651	-34.91310196
48-6-0266	DEHW-2023-HAS10	GDA	55	354283	6129816	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.40390581	-34.96372872
54-3-0062	Yanco Delta AS 06	GDA	55	356485	6115025	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.42546159	-35.09736914
48-6-0179	PWF SUC 06	GDA	55	320074	6143562	Open site	Valid		Artefact : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03233704	-34.83434525
48-6-0188	PWF SUC 09	GDA	55	320263	6143900	Open site	Valid		Artefact : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03447527	-34.83133248
48-6-0187	PWF SUC 10	GDA	55	320474	6143904	Open site	Valid		Artefact : -, Hearth : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03678233	-34.83133368
48-6-0198	PWF SUC 11	GDA	55	321338	6144731	Open site	Valid		Artefact : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.04640186	-34.82403248
55-1-0137	DEHW-2023-AS9	GDA	55	373514	6123876	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.61358867	-35.01986219
48-5-0203	Mungadal Scar Tree 1	GDA	55	313044	6141767	Open site	Valid		Modified Tree (Carved or Scarred) : -		Mr.Peter Ingram			144.95509963	-34.84925407
48-5-0200	Mungadal Scar Tree 8	GDA	55	313204	6142001	Open site	Valid		Modified Tree (Carved or Scarred) : -		Mr.Peter Ingram			144.95690084	-34.84717469
49-4-0234	DEHW-2023-AS14	GDA	55	363808	6140531	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.50995127	-34.86846453
55-1-0122	Yanco Delta ISO 01	GDA	55	365388	6117433	Open site	Valid		Artefact : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.52350012	-35.07689172
55-1-0091	DEHS-2023-H3	GDA	55	387224	6118338	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.76307834	-35.07141231
49-4-0236	DEHW-2023-HASST2	GDA	55	367441	6126672	Open site	Valid		Artefact : -, Earth Mound : -, Hearth : -, Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.54748684	-34.99387898
48-6-0240	DEHW-2023-AS2	GDA	55	360390	6129766	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.47076814	-34.96504004
54-3-0064	Yanco Delta PAD 01	GDA	55	361533	6116653	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.48109901	-35.08340065
49-4-0146	Coleambally Rogarts rd Scar Tree 1	GDA	55	390447	6134196	Open site	Valid		Modified Tree (Carved or Scarred) : -		Mr.Peter Ingram			145.80050948	-34.92880055
48-6-0270	DEHW-2023-HAS3	GDA	55	359536	6132211	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.46182863	-34.94288206
55-1-0106	Yanco Delta AS Hearth 01	GDA	55	366166	6116941	Open site	Valid		Artefact : -, Hearth : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.pauline ramsey			145.53195171	-35.08143037
48-5-0448	PEC-E-31	GDA	55	311227	6145296	Open site	Valid		Artefact : -, Hearth : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			144.93603101	-34.81711565
48-5-0605	PWF SUD 09	GDA	55	311522	6135095	Open site	Valid		Artefact : -		ERM Brisbane,Miss.Mia Linton-Smith			144.93695928	-34.90909957
48-5-0612	PWF SUD 18	GDA	55	311562	6136538	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.93772211	-34.89610308
48-5-0600	PWF SUE 02	GDA	55	312622	6140838	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.95027875	-34.85754842
48-5-0598	PWF SUE 06	GDA	55	312641	6141088	Open site	Valid		Modified Tree (Carved or Scarred) : -		ERM Brisbane,Miss.Mia Linton-Smith			144.95054237	-34.85529895
48-6-0164	PEC-E-35	GDA	55	317974	6144178	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.00951739	-34.82842014
48-6-0231	PEC-E-PAD22	GDA	55	318134	6145476	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.01154734	-34.81675084
55-1-0144	DEHW-2023-ST12	GDA	55	374545	6122432	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.62466849	-35.03300812
49-4-0238	DEHW-2023-IF13	GDA	55	375874	6127968	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.64006067	-34.98326598
54-3-0027	Piccaninny Weir Scarred Tree 1	GDA	55	324392	6091487	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Miss.Gloria Aranda-Spinazze			145.06850526	-35.30441157
54-3-0040	PW Earth Feature 2	GDA	55	324468	6091592	Open site	Valid		Earth Mound : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.06936324	-35.30347867
54-3-0047	PW North Scarred Tree 2	GDA	55	324526	6091883	Open site	Valid		Modified Tree (Carved or Scarred) : -		Jacobs Group (Australia) Pty Ltd - North Sydney,Mr.Daniel Kelly			145.07006314	-35.30086640
48-6-0185	PWF SUB 03	GDA	55	326427	6142239	Open site	Valid		Artefact : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.10150490	-34.84737286
48-6-0138	South Burrabogie 1.8	AGD	55	331378	6145158	Open site	Valid		Hearth : -		Doctor.Sarah Martin			145.15749280	-34.82025572
55-1-0075	DEHS-2023-IF4	GDA	55	388641	6118418	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.77862751	-35.07084858
54-3-0055	Hartwood Weir Scarred Tree and PAD	GDA	55	344200	6091009	Open site	Valid		Potential Archaeological Deposit (PAD) : -, Modified Tree (Carved or Scarred) : -		Austral Archaeology,Miss.Carmen Baulch			145.28618818	-35.31200287
54-3-0058	Forest Creek Block Bank Earth Mound 1	GDA	55	344996	6089360	Open site	Valid		Earth Mound : -		Austral Archaeology,Miss.Carmen Baulch			145.29462867	-35.32698901
48-6-0213	PSF 07	GDA	55	328195	6145102	Open site	Valid		Artefact : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.12141996	-34.82186941
48-6-0167	Bullawah Site Complex 1	GDA	55	328874	6145769	Open site	Valid		Artefact : -, Hearth : -		Umwelt (Australia) Pty Limited - Individual users,Miss.Chantelle Laucht			145.12897686	-34.81597221
55-1-0071	DEHS-2023-ST3	GDA	55	384518	6120165	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.73365984	-35.05463537
55-1-0103	DEHS-2023-HIF2	GDA	55	385346	6118404	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.74249403	-35.07060551
55-1-0058	PEC-E-48	GDA	55	385556	6120785	Open site	Valid		Modified Tree (Carved or Scarred) : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.74512531	-35.04916422
48-6-0292	DEHW-2024-HAS2	GDA	55	358251	6130829	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.44752673	-34.95516071
48-6-0261	DEHW-2023-ASPAD6	GDA	55	355574	6126915	Open site	Valid		Artefact : -, Potential Archaeological Deposit (PAD) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.41753877	-34.99006341
48-6-0160	PEC-E-38	GDA	55	335834	6142168	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.20433617	-34.84957514
48-6-0182	PWF SUC 03	GDA	55	320050	6143190	Open site	Valid		Modified Tree (Carved or Scarred) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03199490	-34.83769360
48-6-0189	PWF SUC 08	GDA	55	320316	6143860	Open site	Valid		Modified Tree (Carved or Scarred) : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.03504599	-34.83170234
48-6-0206	PWF SUC 22	GDA	55	320978	6144273	Open site	Valid		Artefact : -, Hearth : -		Environmental Resources Management - Melbourne,Miss.Meghyn Mathison			145.04236973	-34.82809691
49-4-0224	CO-ST-003	GDA	55	395994	6146504	Open site	Valid		Modified Tree (Carved or Scarred) : 1		Kayandel Archaeological Services,Miss.Meggan Walker			145.86276171	-34.81841789
49-4-0063	Coleambally Golf Club	GDA	55	397109	6146245	Open site	Valid	Gerry Saals	Modified Tree (Carved or Scarred) : -		Mr.Stephen Johnston			145.87491967	-34.82086636
55-1-0100	WAO ISO 1	GDA	55	363783	6094353	Open site	Valid		Artefact : -		Austral Archaeology,Miss.Carmen Baulch			145.50208797	-35.28472132
55-1-0098	DEHS-2023-ST6	GDA	55	387193	6121537	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.76317342	-35.04256906
55-1-0092	DEHS-2023-H2	GDA	55	387305	6118411	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.76397648	-35.07076326
55-1-0086	DEHS-2023-AS4	GDA	55	387864	6116979	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.76991249	-35.08373541
48-6-0260	DEHW-2023-Dune	GDA	55	359783	6131451	Open site	Valid		Hearth : -, Potential Archaeological Deposit (PAD) : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.46440482	-34.94976712
48-6-0249	DEHW-2023-AS10	GDA	55	360269	6133006	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-Pounde			145.46998604	-34.93581704
48-6-0293	DEHW-2024-HAS3	GDA	55	361767	6131322	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.48610456	-34.95120268
55-1-0095	DEHS-2023-AS6	GDA	55	393610	6117149	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm consulting) Elias			145.83295373	-35.08282573

Report generated by AHIMS Web Service on 13/02/2024 for Taylar Reid for the following area at Lat, Long From : -35.3759, 144.8988 - Lat, Long To : -34.8141, 145.8876. Number of Aboriginal sites and Aboriginal objects found is 380

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.

AHIMS Web Services (AWS)
Search Result

Your Ref/PO Number : E220305 Dinawan Solar 1

Client Service ID : 766104

EMM Consulting - St Leonards - Individual users

Ground Level, Suite 01 20 Chandos Street
St Leonards New South Wales 2065

Attention: Taylar Reid

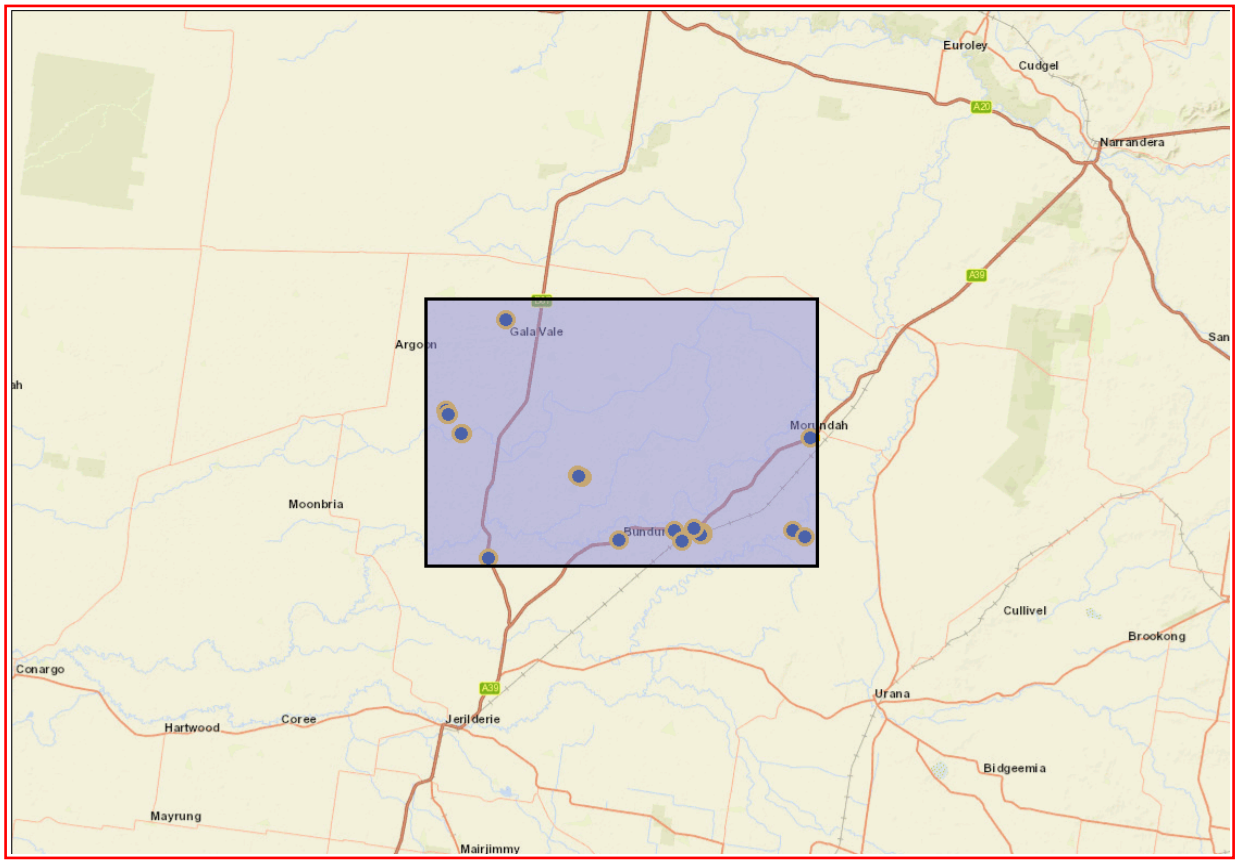
Email: treid@emmconsulting.com.au

Date: 22 March 2023

Dear Sir or Madam:

AHIMS Web Service search for the following area at Lat, Long From : -35.1881, 145.6993 - Lat, Long To : -34.9071, 146.1937, conducted by Taylar Reid on 22 March 2023.

The context area of your search is shown in the map below. Please note that the map does not accurately display the exact boundaries of the search as defined in the paragraph above. The map is to be used for general reference purposes only.



A search of Heritage NSW AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

24	Aboriginal sites are recorded in or near the above location.
0	Aboriginal places have been declared in or near the above location. *

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

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

Important information about your AHIMS search

- The information derived from the AHIMS search is only to be used for the purpose for which it was requested. It is not be made available to the public.
- AHIMS records information about Aboriginal sites that have been provided to Heritage NSW and Aboriginal places that have been declared by the Minister;
- Information recorded on AHIMS may vary in its accuracy and may not be up to date. Location details are recorded as grid references and it is important to note that there may be errors or omissions in these recordings,
- Some parts of New South Wales have not been investigated in detail and there may be fewer records of Aboriginal sites in those areas. These areas may contain Aboriginal sites which are not recorded on AHIMS.
- Aboriginal objects are protected under the National Parks and Wildlife Act 1974 even if they are not recorded as a site on AHIMS.
- This search can form part of your due diligence and remains valid for 12 months.

Level 6, 10 Valentine Ave, Parramatta 2150
Locked Bag 5020 Parramatta NSW 2124
Tel: (02) 9585 6345

ABN 34 945 244 274
Email: ahims@environment.nsw.gov.au
Web: www.heritage.nsw.gov.au

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : E220305 Dinawan Solar 1

Client Service ID : 766109

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
55-2-0083	PEC-E-58	GDA	55	413484	6109437	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-1-0055	PEC-E-45	GDA	55	383901	6123009	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-1-0064	PEC-E-54	GDA	55	403814	6108516	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-1-0061	PEC-E-51	GDA	55	398998	6116028	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-2-0084	PEC-E-59	GDA	55	423852	6109789	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-2-0082	PEC-E-57	GDA	55	413389	6109268	Open site	Valid	Artefact : -, Earth Mound : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-2-0052	B-M/OS-1	AGD	55	410110	6109550	Open site	Valid	Earth Mound : -, Hearth : -, Artefact : -	Mound (Oven),Open Camp Site	97990
Contact		Recorders	Central West Archaeological and Heritage Services Pty Ltd					Permits		
55-1-0051	CO-ST-001	GDA	55	388850	6106205	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
Contact		Recorders	Kayandel Archaeological Services,Miss.Meggan Walker					Permits		
55-1-0057	PEC-E-47	GDA	55	385521	6120787	Open site	Valid	Hearth : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-1-0060	PEC-E-50	GDA	55	385613	6120756	Open site	Valid	Hearth : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-2-0053	B-M-3	AGD	55	412320	6109730	Open site	Valid	Earth Mound : -, Hearth : -	Mound (Oven)	97990
Contact		Recorders	Central West Archaeological and Heritage Services Pty Ltd					Permits		
55-2-0090	PEC-E-56	GDA	55	413117	6109203	Open site	Valid	Earth Mound : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-2-0089	PEC-E-55	GDA	55	411016	6108454	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-1-0059	PEC-E-49	GDA	55	385552	6120798	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-2-0055	B-M-1	AGD	55	412320	6109730	Open site	Valid	Earth Mound : -, Hearth : -	Mound (Oven)	97990
Contact		Recorders	Central West Archaeological and Heritage Services Pty Ltd					Permits		

Report generated by AHIMS Web Service on 22/03/2023 for Taylar Reid for the following area at Lat, Long From : -35.1881, 145.6993 - Lat, Long To : -34.9071, 146.1937. Number of Aboriginal sites and Aboriginal objects found is 24

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

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : E220305 Dinawan Solar 1

Client Service ID : 766109

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status **	SiteFeatures	SiteTypes	Reports
55-1-0054	PEC-E-44	GDA	55	383788	6123418	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-1-0056	PEC-E-46	GDA	55	383996	6122996	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-1-0063	PEC-E-53	GDA	55	399467	6115822	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-1-0062	PEC-E-52	GDA	55	399085	6115989	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-2-0085	PEC-E-60	GDA	55	425212	6109136	Open site	Valid	Artefact : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		
55-2-0054	B-M-2	AGD	55	412320	6109730	Open site	Valid	Earth Mound : -, Hearth : -	Mound (Oven)	
Contact		Recorders	Central West Archaeological and Heritage Services Pty Ltd					Permits		
55-2-0056	W-ST-1	AGD	55	425650	6120520	Open site	Valid	Modified Tree (Carved or Scarred) : -	Scarred Tree	
Contact		Recorders	Central West Archaeological and Heritage Services Pty Ltd					Permits		
49-4-0146	Coleambally Rogarts rd Scar Tree 1	GDA	55	390447	6134196	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Mr.Peter Ingram					Permits		
55-1-0058	PEC-E-48	GDA	55	385556	6120785	Open site	Valid	Modified Tree (Carved or Scarred) : -		
Contact		Recorders	Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini					Permits		

**** Site Status**

Valid - The site has been recorded and accepted onto the system as valid

Destroyed - The site has been completely impacted or harmed usually as consequence of permit activity but sometimes also after natural events. There is nothing left of the site on the ground but proponents should proceed with caution.

Partially Destroyed - The site has been only partially impacted or harmed usually as consequence of permit activity but sometimes also after natural events. There might be parts or sections of the original site still present on the ground

Not a site - The site has been originally entered and accepted onto AHIMS as a valid site but after further investigations it was decided it is NOT an aboriginal site. Impact of this type of site does not require permit but Heritage NSW should be notified

Report generated by AHIMS Web Service on 22/03/2023 for Taylar Reid for the following area at Lat, Long From : -35.1881, 145.6993 - Lat, Long To : -34.9071, 146.1937. Number of Aboriginal sites and Aboriginal objects found is 24

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

AHIMS Web Services (AWS)

Note: This Excel report shows the sites found in AHIMS on the 13/02/2024. 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
55-2-0083	PEC-E-58	GDA	55	413484	6109437	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			146.05	-35.15
55-1-0055	PEC-E-45	GDA	55	383901	6123009	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.73	-35.03
55-1-0088	DEHS-2023-H6	GDA	55	384908	6118565	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,EMM Consulting - St Le			145.74	-35.07
55-1-0065	PEC-E-112	GDA	55	408503	6106722	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mr.Christian Keyes			146.00	-35.18
55-1-0064	PEC-E-54	GDA	55	403814	6108516	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.94	-35.16
55-1-0102	DEHS-2023-HIF1	GDA	55	384045	6118714	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,EMM Consulting - St Le			145.73	-35.07
55-1-0080	DEHS-2023-IF2	GDA	55	384780	6118609	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.74	-35.07
55-1-0079	DEHs-2023-HAS4	GDA	55	386001	6117645	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.75	-35.08
55-1-0099	DEHS-2023-AS8	GDA	55	381729	6117087	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.70	-35.08
55-1-0061	PEC-E-51	GDA	55	398998	6116028	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.89	-35.09
55-1-0083	DEHS-2023-AS1	GDA	55	390136	6117387	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.79	-35.08
55-1-0093	DEHS-2023-H1	GDA	55	387222	6118682	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.76	-35.07
55-1-0074	DEHS-2023-IF3	GDA	55	387327	6116732	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.76	-35.09
55-2-0084	PEC-E-59	GDA	55	423852	6109789	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			146.16	-35.15
55-2-0095	PEC-E-PAD31	GDA	55	424875	6109197	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			146.18	-35.16
55-1-0101	DEH-2023-WT1	GDA	55	392577	6117041	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.82	-35.08
55-1-0069	DEHS-2023-ST1	GDA	55	394006	6118538	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.84	-35.07
55-2-0082	PEC-E-57	GDA	55	413389	6109268	Open site	Valid		Artefact : -, Earth Mound : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			146.05	-35.16
55-2-0052	B-M/OS-1	AGD	55	410110	6109550	Open site	Valid		Earth Mound : -, Hearth Mound (Oven),Open Ca		Central West Archaeolc 97990			146.01	-35.15
55-1-0132	PEC-E-PAD27	GDA	55	383047	6124703	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.72	-35.01
55-1-0051	CO-ST-001	GDA	55	388850	6106205	Open site	Valid		Modified Tree (Carved or Scarred) : 1		Kayandel Archaeological Services,Miss.Meggan Walker			145.78	-35.18
55-1-0068	DEHS-2023-ST4	GDA	55	383641	6120269	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.72	-35.05
55-1-0094	DEHS-2023-AS7	GDA	55	385446	6120591	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.74	-35.05
55-1-0057	PEC-E-47	GDA	55	385521	6120787	Open site	Valid		Hearth : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.74	-35.05
55-1-0060	PEC-E-50	GDA	55	385613	6120756	Open site	Valid		Hearth : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.75	-35.05
55-1-0073	DEHS-2023-IF5	GDA	55	385867	6118809	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.75	-35.07
55-2-0096	PEC-E-PAD30	GDA	55	423794	6109827	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			146.16	-35.15
55-1-0070	DEHS-2023-ST2	GDA	55	394026	6118536	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.84	-35.07
55-2-0053	B-M-3	AGD	55	412320	6109730	Open site	Valid		Earth Mound : -, Hearth Mound (Oven)		Central West Archaeolc 97990			146.04	-35.15
55-2-0090	PEC-E-56	GDA	55	413117	6109203	Open site	Valid		Earth Mound : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			146.05	-35.16
55-2-0089	PEC-E-55	GDA	55	411016	6108454	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			146.02	-35.16
55-1-0167	DEHW-2023-HIF3	GDA	55	382177	6122804	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-P			145.71	-35.03
55-1-0164	DEHW-2023-HAS9	GDA	55	383137	6122931	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-P			145.72	-35.03
55-1-0153	DEHW-2023-ASPAD5	GDA	55	383449	6122839	Open site	Valid		Artefact : -, Hearth : -, Potential Archaeological I		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-P			145.72	-35.03
55-1-0090	DEHS-2023-H4	GDA	55	384563	6119020	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.73	-35.06
55-1-0059	PEC-E-49	GDA	55	385552	6120798	Open site	Valid		Modified Tree (Carved or Scarred) : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.75	-35.05
55-1-0076	DEHS-2023-HAS1	GDA	55	386986	6117838	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.76	-35.08
55-1-0084	DEHS-2023-AS2	GDA	55	387000	6118106	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.76	-35.07
55-1-0159	DEHW-2023-AS23	GDA	55	387046	6123890	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-P			145.76	-35.02
55-1-0085	DEHS-2023-AS3	GDA	55	389529	6119361	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.79	-35.06
55-2-0055	B-M-1	AGD	55	412320	6109730	Open site	Valid		Earth Mound : -, Hearth Mound (Oven)		Central West Archaeolc 97990			146.04	-35.15
55-1-0131	PEC-E-95	GDA	55	383155	6124024	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			145.72	-35.02
55-1-0066	PEC-E-110	GDA	55	402471	6110850	Open site	Valid		Artefact : -, Hearth : -		Navin Officer Heritage Consultants Pty Ltd,Mr.Christian Keyes			145.93	-35.14
55-1-0067	PEC-E-111	GDA	55	402734	6110289	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mr.Christian Keyes			145.93	-35.15
55-1-0054	PEC-E-44	GDA	55	383788	6123418	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.73	-35.03
55-1-0056	PEC-E-46	GDA	55	383996	6122996	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.73	-35.03
55-1-0082	DEHS-2023-IF1	GDA	55	385085	6117870	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.74	-35.08
55-1-0077	DEHS-2023-HAS2	GDA	55	385726	6118541	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.75	-35.07
55-1-0063	PEC-E-53	GDA	55	399467	6115822	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.90	-35.10
55-1-0163	DEHW-2023-HAS12	GDA	55	390345	6126225	Open site	Valid		Artefact : -, Earth Mound : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Miss.Phillipa O'Brien-P			145.80	-35.00
55-1-0081	DEHS-2023-HIF3	GDA	55	387243	6118461	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.76	-35.07
55-1-0096	DEHS-2023-AS5	GDA	55	387335	6118532	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.76	-35.07
55-2-0097	PEC-E-PAD29	GDA	55	413746	6109573	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			146.05	-35.15
55-1-0078	DEHS-2023-HAS3	GDA	55	384517	6118588	Open site	Valid		Artefact : -, Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.73	-35.07
55-1-0087	DEHS-2023-H7	GDA	55	385261	6118476	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.74	-35.07
55-1-0062	PEC-E-52	GDA	55	399085	6115989	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.89	-35.09
55-2-0085	PEC-E-60	GDA	55	425212	6109136	Open site	Valid		Artefact : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			146.18	-35.16
55-2-0054	B-M-2	AGD	55	412320	6109730	Open site	Valid		Earth Mound : -, Hearth Mound (Oven)		Central West Archaeological and Heritage Services Pty Ltd			146.04	-35.15
55-2-0056	W-ST-1	AGD	55	425650	6120520	Open site	Valid		Modified Tree (Carved (Scarred Tree		Central West Archaeological and Heritage Services Pty Ltd			146.19	-35.05
55-1-0089	DEHS-2023-H5	GDA	55	384700	6118635	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.74	-35.07
55-1-0072	DEHS-2023-IF6	GDA	55	386365	6117349	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.75	-35.08
55-1-0097	DEHS-2023-ST5	GDA	55	387075	6121441	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.76	-35.04
55-1-0091	DEHS-2023-H3	GDA	55	387224	6118338	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.76	-35.07
49-4-0146	Coleambally Rogarts n	GDA	55	390447	6134196	Open site	Valid		Modified Tree (Carved or Scarred) : -		Mr.Peter Ingram			145.80	-34.93
55-1-0075	DEHS-2023-IF4	GDA	55	388641	6118418	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.78	-35.07
55-1-0071	DEHS-2023-ST3	GDA	55	384518	6120165	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.73	-35.05
55-1-0103	DEHS-2023-HIF2	GDA	55	385346	6118404	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.74	-35.07
55-1-0058	PEC-E-48	GDA	55	385556	6120785	Open site	Valid		Modified Tree (Carved or Scarred) : -		Navin Officer Heritage Consultants Pty Ltd,Mrs.Elisa Scorsini			145.75	-35.05
55-1-0098	DEHS-2023-ST6	GDA	55	387193	6121537	Open site	Valid		Modified Tree (Carved or Scarred) : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.76	-35.04
55-1-0092	DEHS-2023-H2	GDA	55	387305	6118411	Open site	Valid		Hearth : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.76	-35.07
55-1-0086	DEHS-2023-AS4	GDA	55	387864	6116979	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.77	-35.08
55-2-0093	PEC-E-PAD32	GDA	55	425002	6109174	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			146.18	-35.16
55-2-0094	PEC-E-PAD33	GDA	55	425309	6109262	Open site	Valid		Potential Archaeological Deposit (PAD) : -		Navin Officer Heritage Consultants Pty Ltd,Miss.Ellaine Dickens			146.18	-35.16
55-1-0095	DEHS-2023-AS6	GDA	55	393610	6117149	Open site	Valid		Artefact : -		EMM Consulting - St Leonards - Individual users,Mr.Samuel (emm cons			145.83	-35.08

Site ID	Site name	Datum	Zone	Easting	Northing	Context	Site status	Primary contact	Site features	Site types	Recorders	Reports	Permits	Longitude GDA94	Latitude GDA94

Report generated by AHIMS Web Service on 13/02/2024 for Taylar Reid for the following area at Lat, Long From : -35.1881, 145.6993 - Lat, Long To : -34.9071, 146.1937. Number of Aboriginal sites and Aboriginal objects found is 74

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.

D.3 Submitted site cards for newly registered sites

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 49-4-0233 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS1

Easting: 376385 **Northing:** 6130172 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

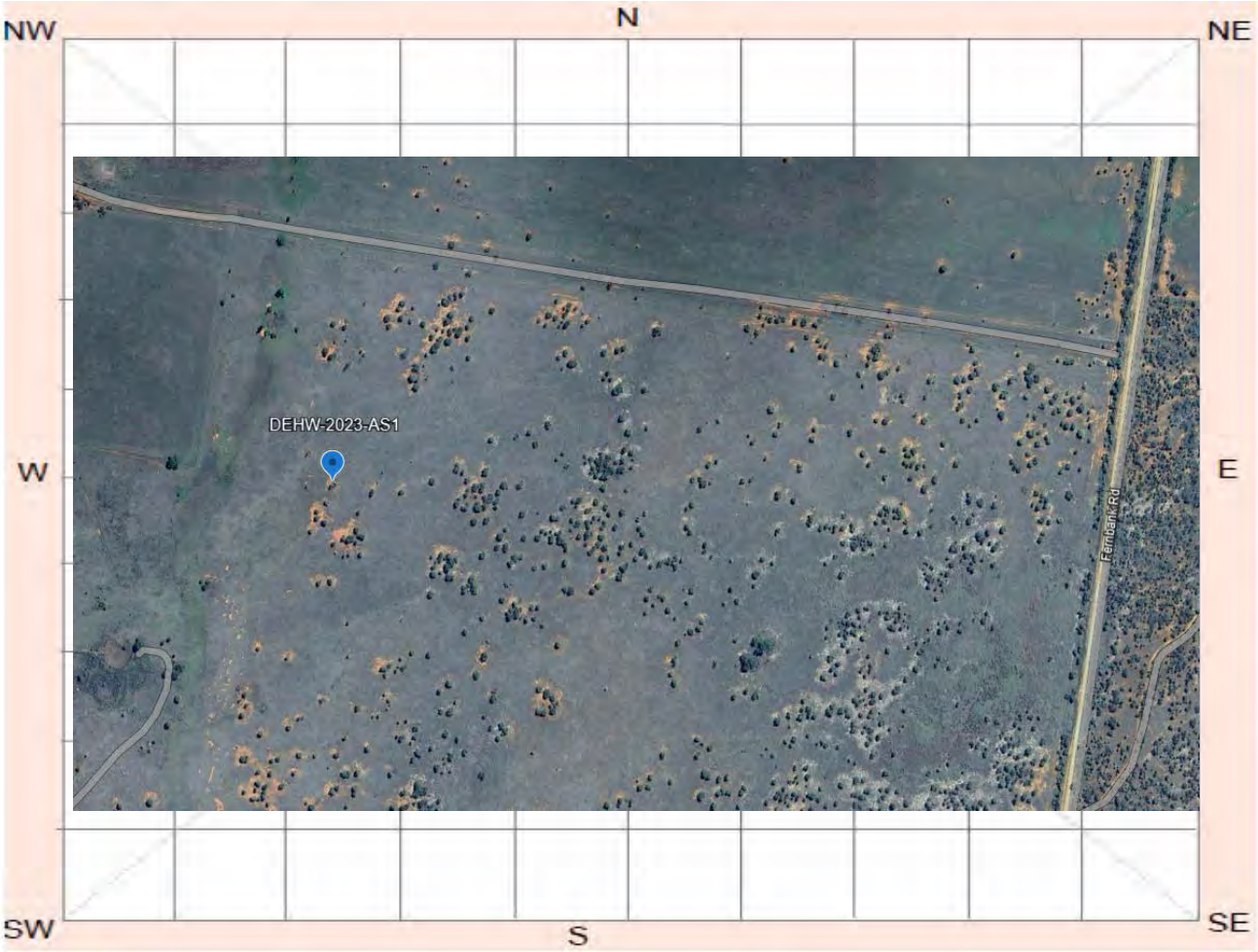
Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 200 **Primary Report:** Dinawan Energy Hub Wind ACHA

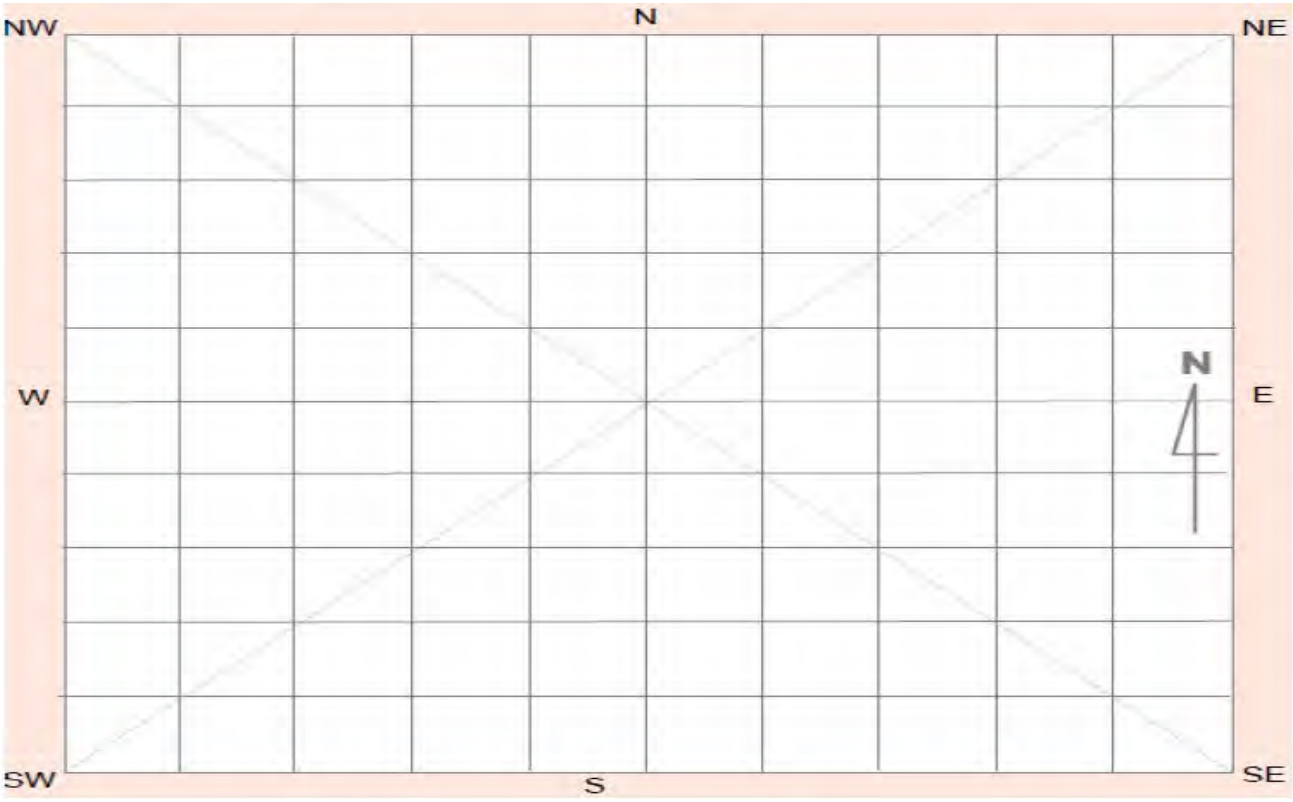
How to get to the site: Site access from Fernbank Road, Argoon NSW 2707

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	2	40	35				

Feature condition: Disturbed

Description:

Two flakes identified, one possible crystal quartz flake with one negative scar, and one red quartzite flake. Complete flake with hinge termination. Located on erosion exposure on sandplain.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

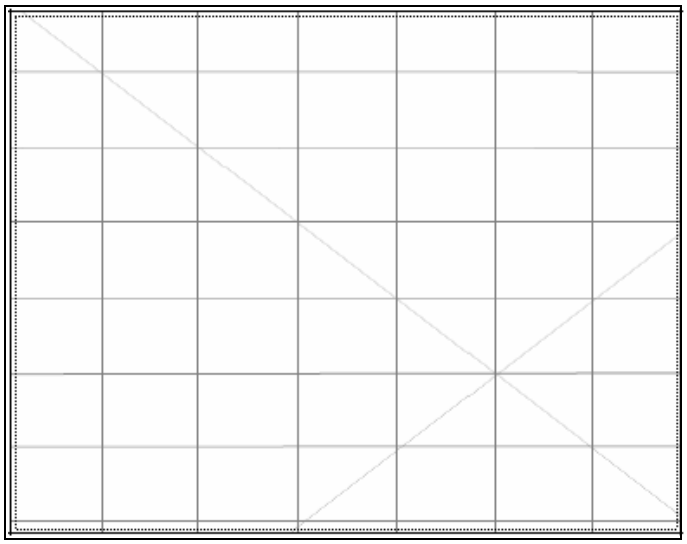
Site photographs



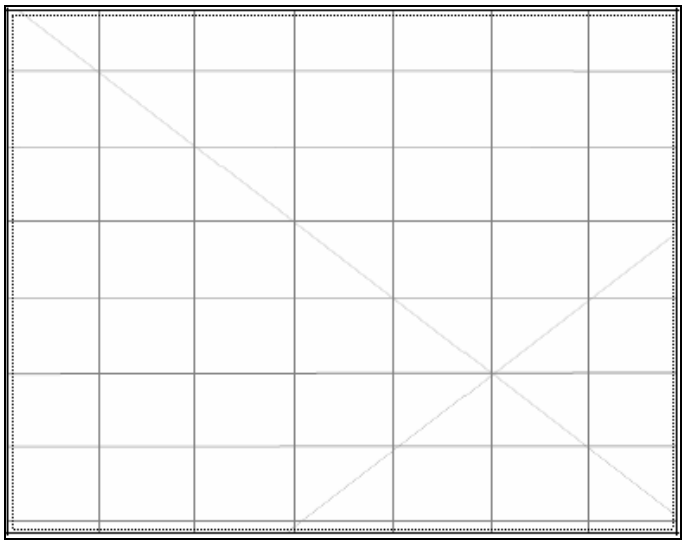
Description: Detailed close up of red quartzite flake.



Description: Artefact location and surrounding site landscape and condition. Facing North.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0240 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS2

Easting: 360390 **Northing:** 6129766 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 950 **Primary Report:** Dinawan Energy Hub Wind ACHA

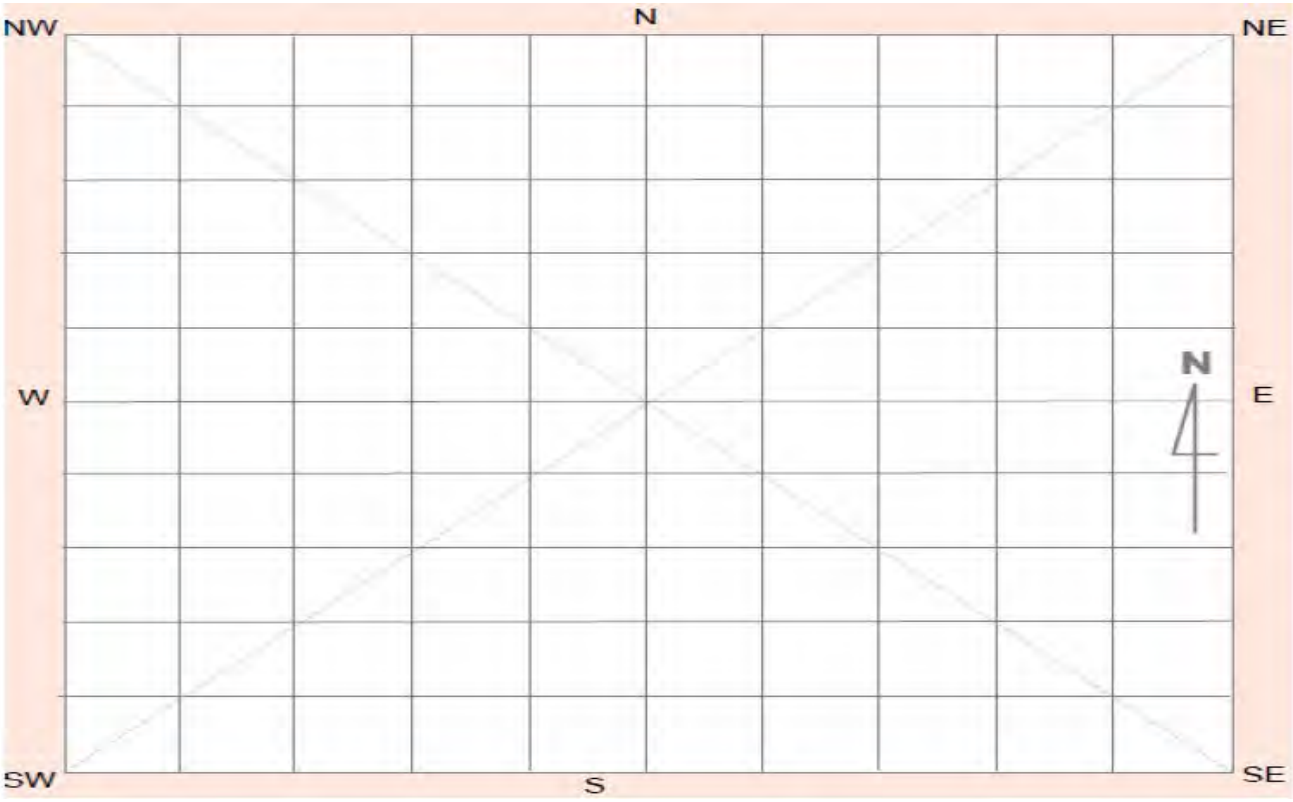
How to get to the site: Site can accessed via Goolgumbla Road, Mabins Well

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	5	195	160				

Feature condition: Disturbed

Description:

Two complete silcrete mirco-flakes and two potential quartz flakes with negative scarring, with one sandstone grinding plate fragment located on scald exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

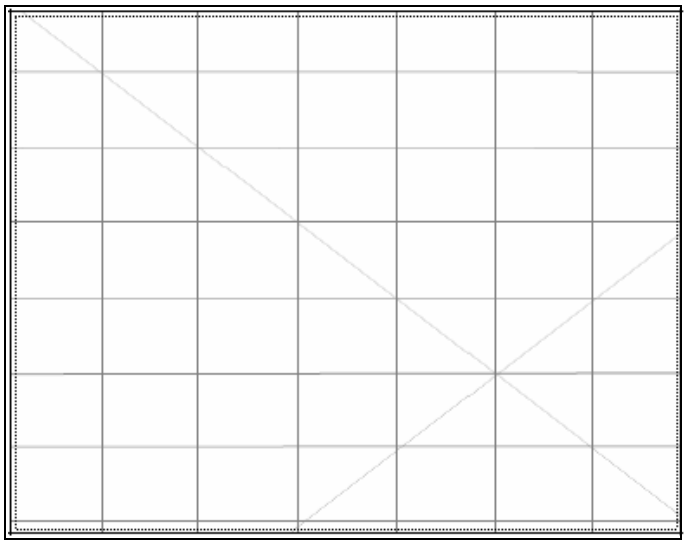
Site photographs



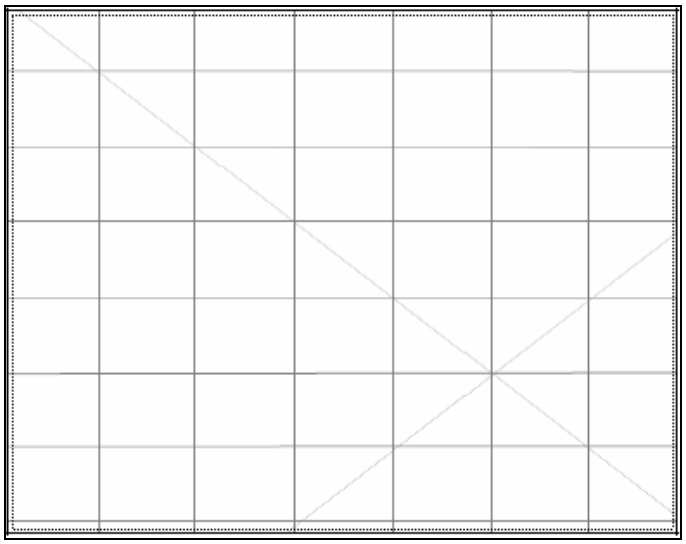
Description: Detailed close up of silcrete mirco-flake.



Description: Location of silcrete flake and the condition of the surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 54-3-0068 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS3

Easting: 360275 **Northing:** 6123651 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

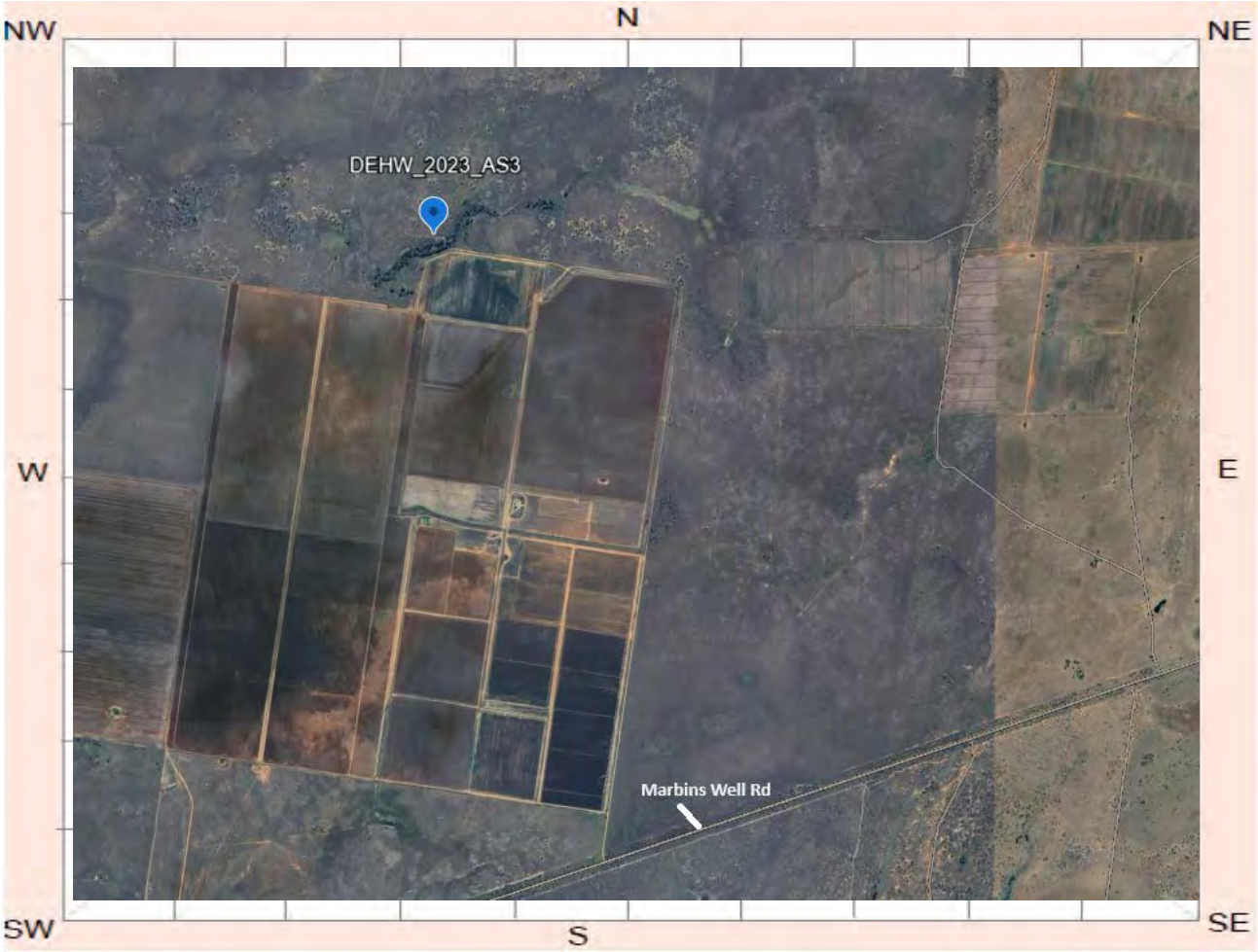
Land Form Unit: Terrace **Vegetation:** Cleared

Distance to Water (m): 100 **Primary Report:** Dinawan Energy Hub Wind ACHA

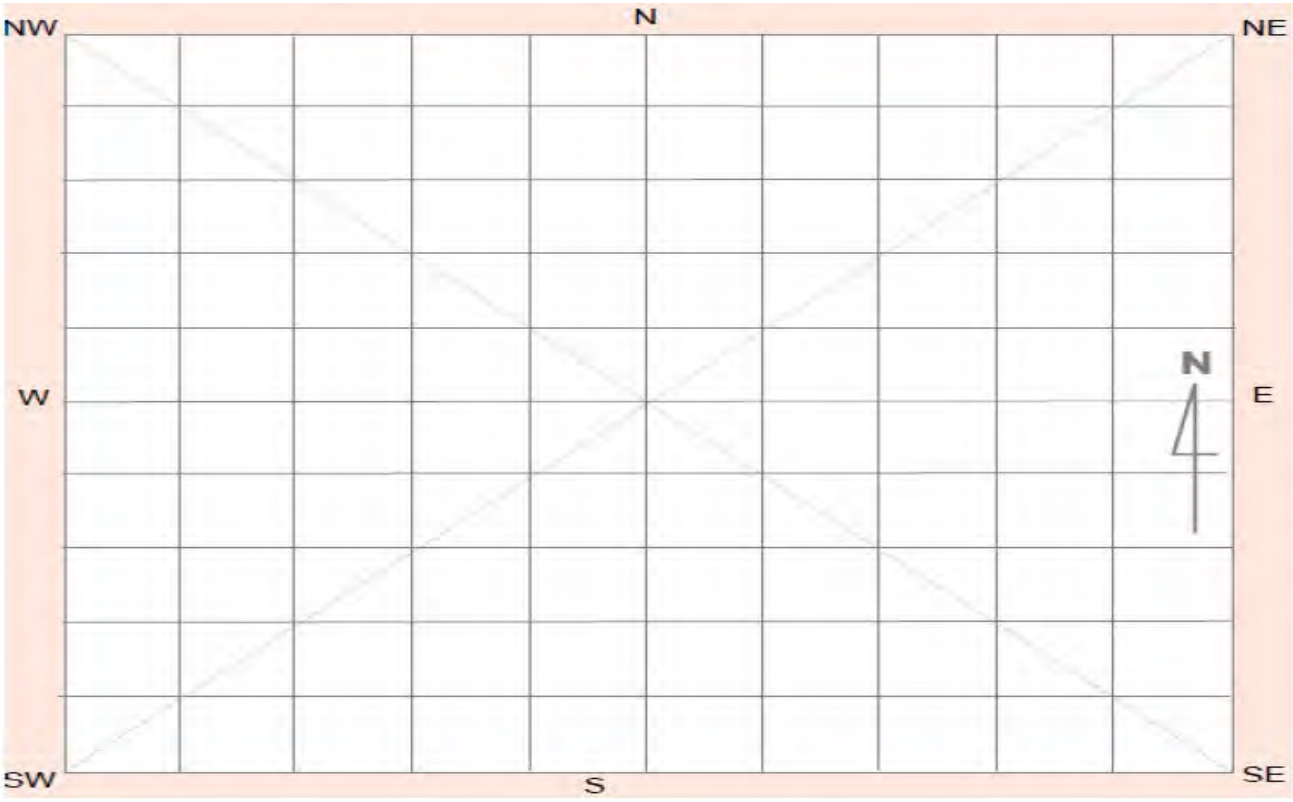
How to get to the site: Site access via Marbins Well Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	15	400	370				

Feature condition: Disturbed

Description:

Quartz core (n=1), a quartzite core (n=1), silcrete flakes (n=10), quartz flakes (n=2) and a quartzite flake (n=1) located in close proximity (within 100m) to a 1st order watercourse on a scald exposure on sandplain.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

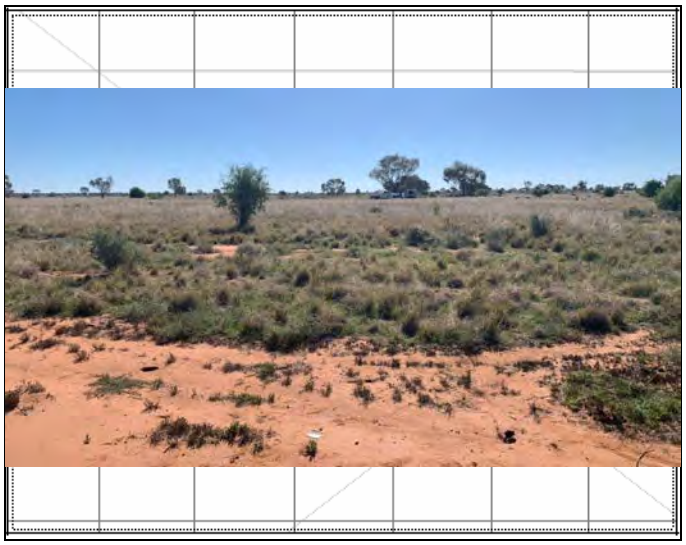
Feature condition:

Description:

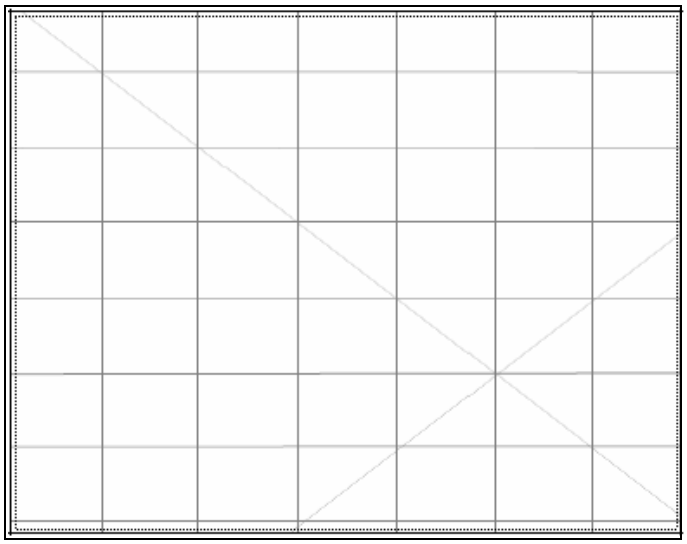
Site photographs



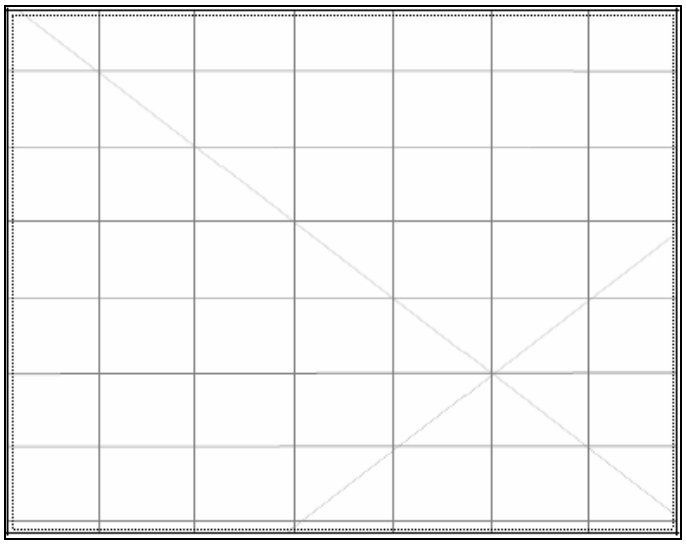
Description: Detailed close up of two quartz flakes and quartzite core.



Description: Location of artefacts and the condition of the surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 54-3-0067 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS4

Easting: 361119 **Northing:** 6123989 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

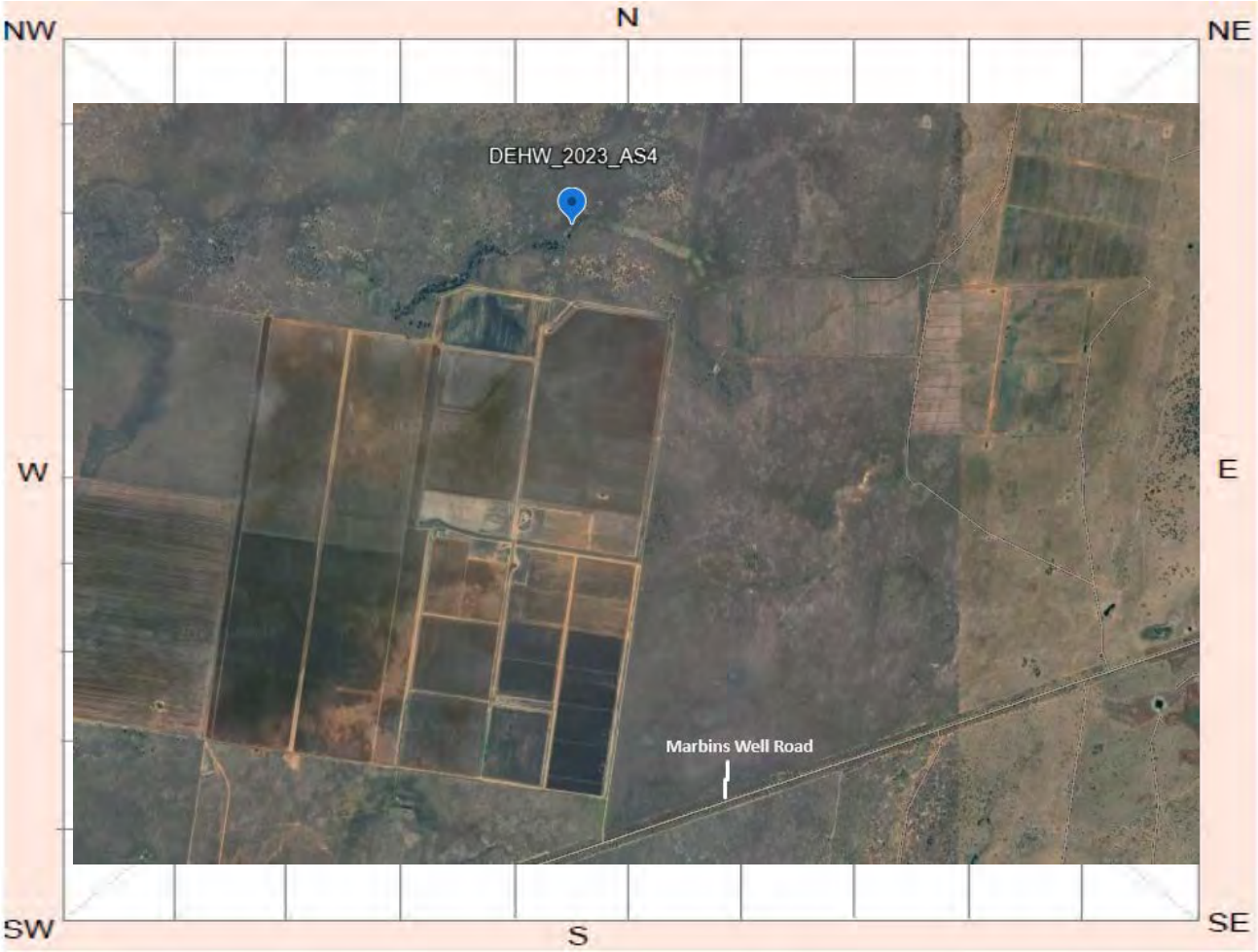
Land Form Unit: Levee **Vegetation:** Grasslands

Distance to Water (m): 10 **Primary Report:** Dinawan Energy Hub Wind ACHA

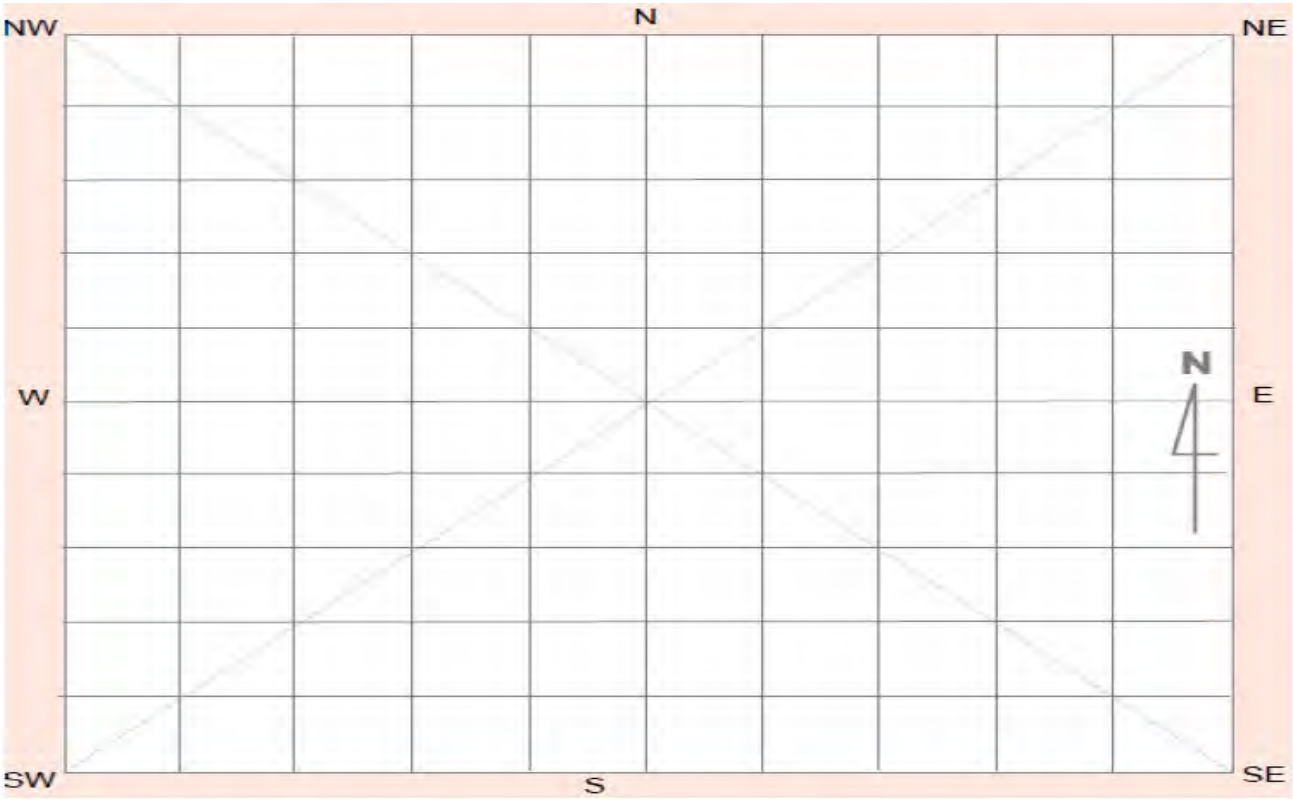
How to get to the site: Access site via Marbins Well Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	15	360	200				

Feature condition: Erosion

Description:

Silcrete flake (n=3), one with signs of retouch, quartz flakes (n=9), red quartzite core with two negative flake scars (n=1), quartz core (n=1) and a grinding plate (n=1) located on scald exposure on sandplains.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

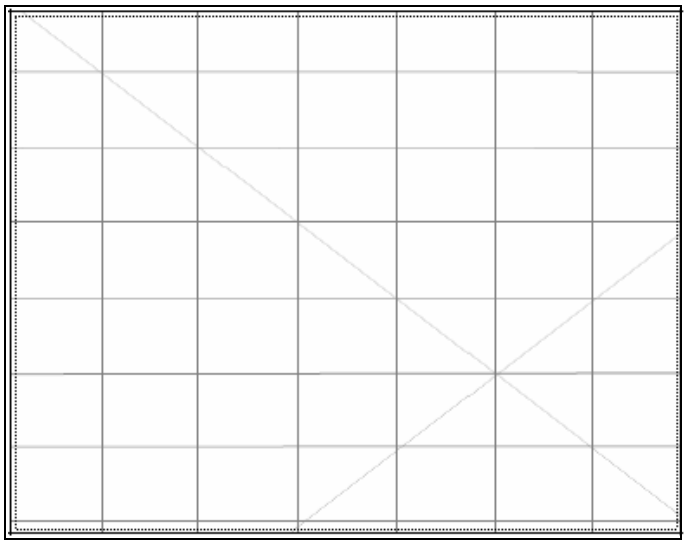
Site photographs



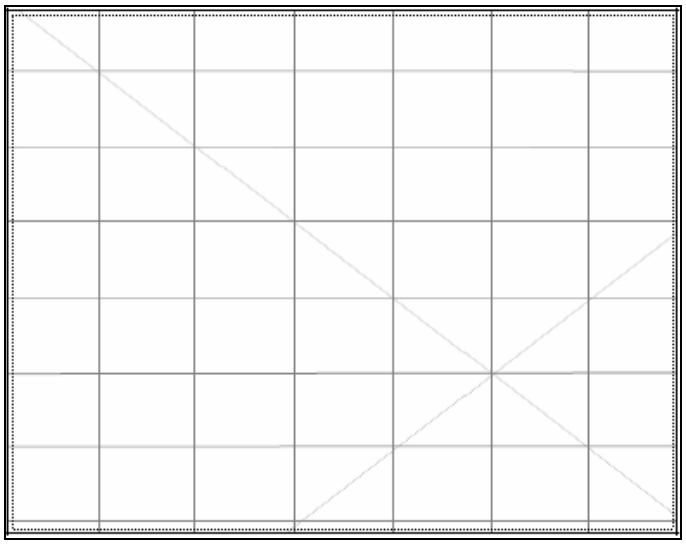
Description: Detailed close up of silcrete and quartz flakes, quartzite flakes and core, and griding plate.



Description: Location of artefacts and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0141 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS5

Easting: 374521 **Northing:** 6121945 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 40 **Primary Report:** Dinawan Energy Hub Wind ACHA

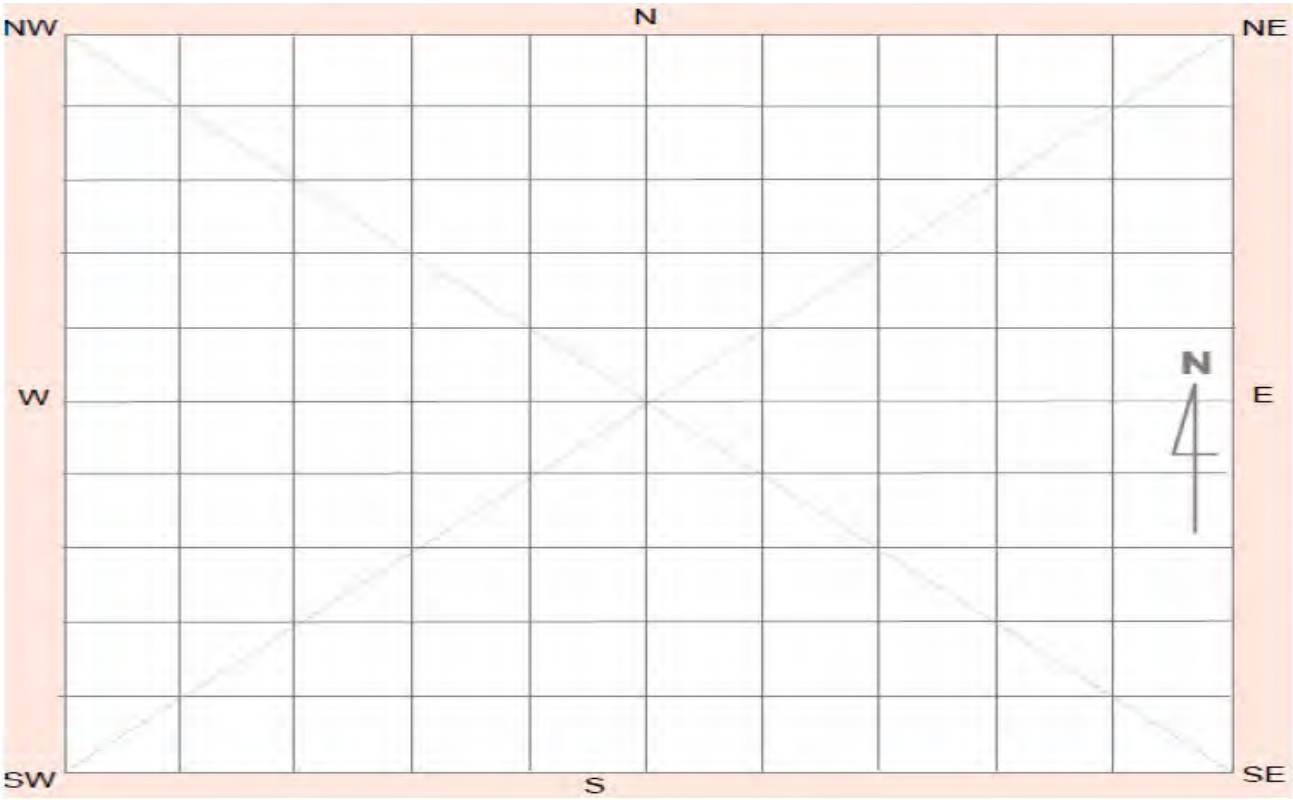
How to get to the site: Access site via Jerry's lane.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Good

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	3	50	50				

Feature condition: Good

Description:

Quartz flake (n=1), silcrete flake (n=1) and quartzite flake (n=1).

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

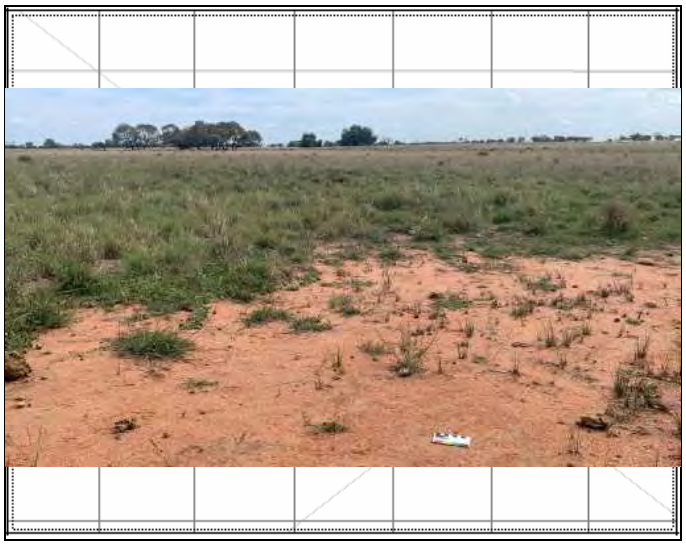
Feature condition:

Description:

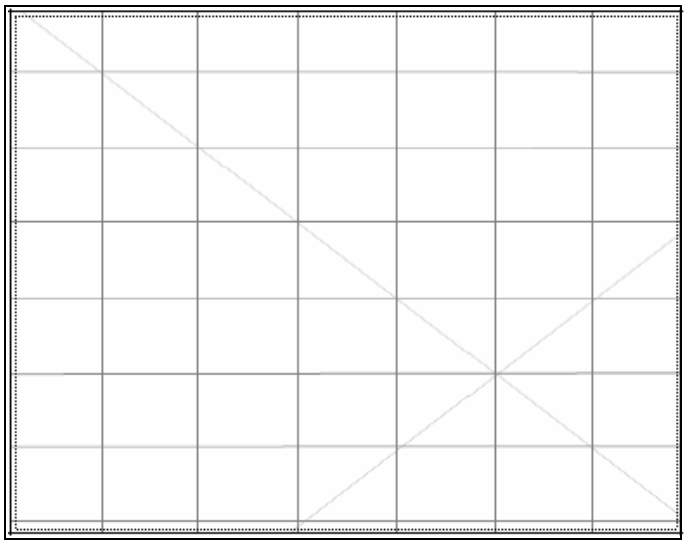
Site photographs



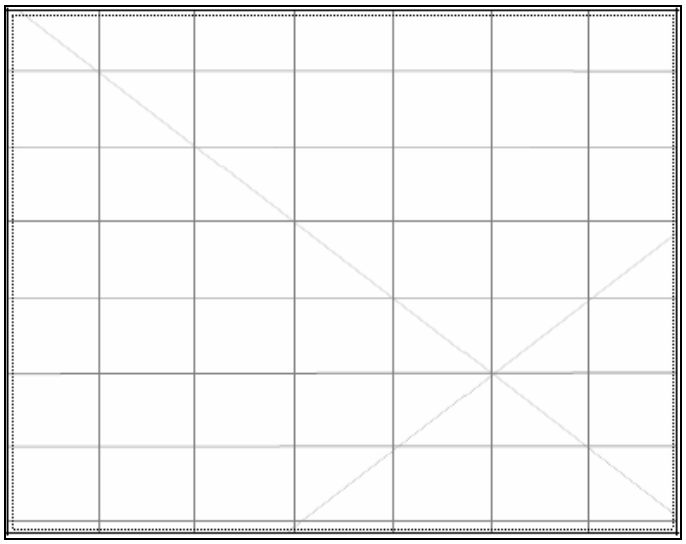
Description: Detailed close up view of silcrete, quartz and quartzite flakes.



Description: Location of flakes and condition of surrounding landscape. View south.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0140 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS6

Easting: 377574 **Northing:** 6125621 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 2074 **Primary Report:** Dinawan Energy Hub Wind ACHA

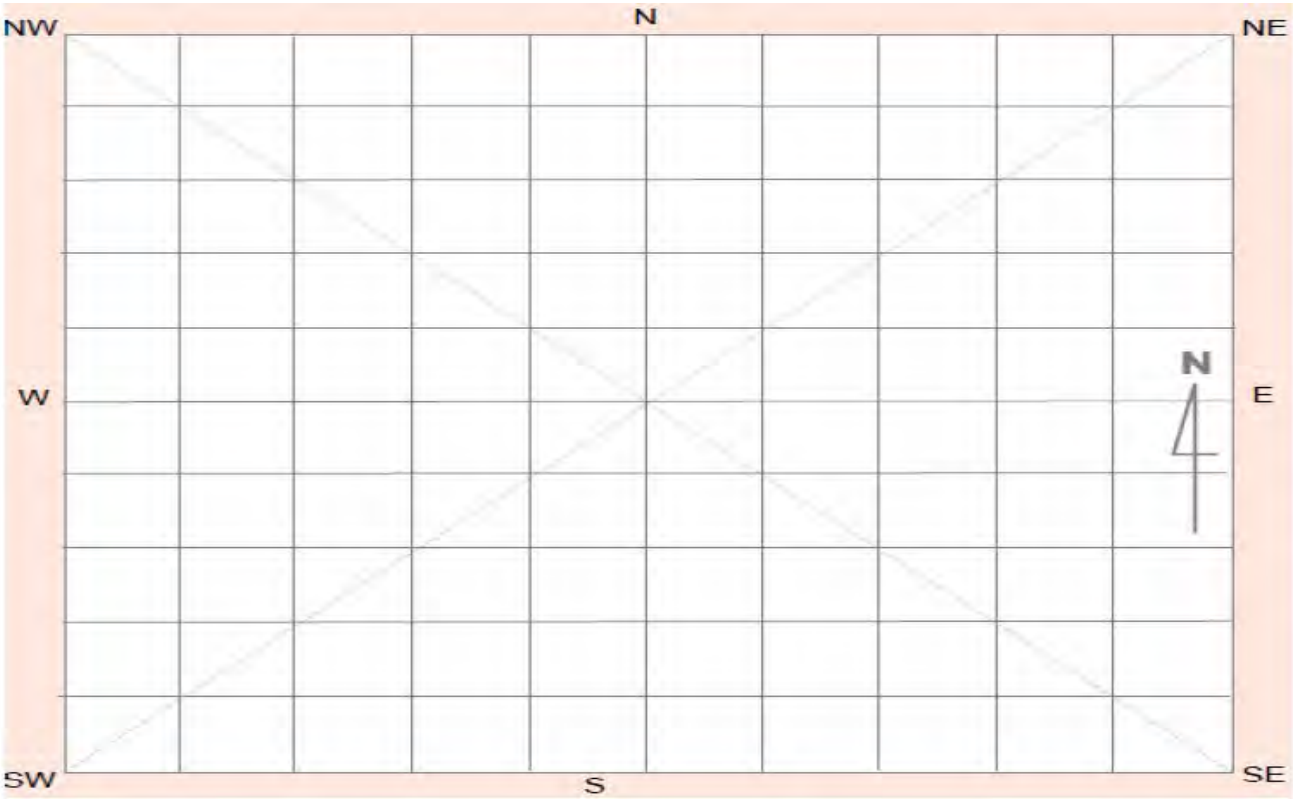
How to get to the site: Access site via Fernbank Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	20	80	50				

Feature condition: Erosion

Description:

Silcrete flakes (n=15), basalt flakes (n=1) and quartzite flake (n=4). Potential evidence of heat treatment, and a silcrete flake with cortex and a basalt flake with signs of retouch. Located on scald exposure. Potential for 20+ artefacts to be identified under grass coverage.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

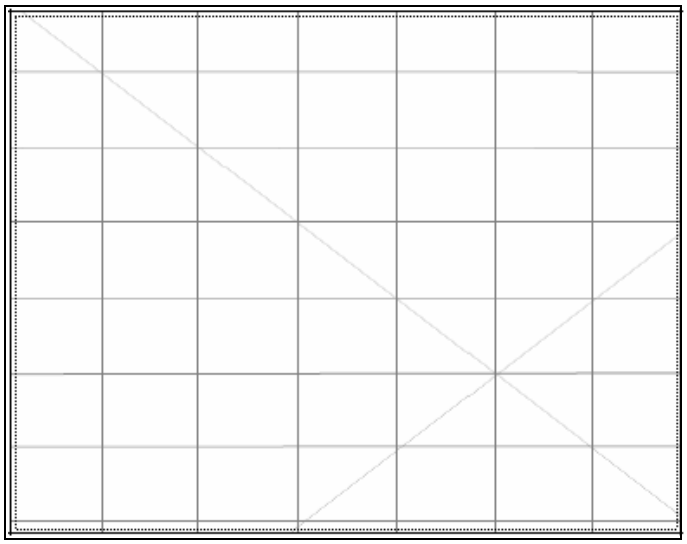
Site photographs



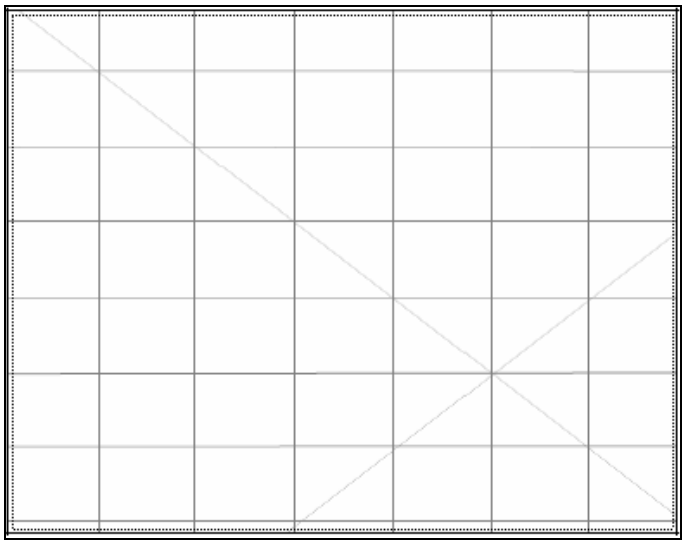
Description: Detailed close up of basalt, silcrete and quartzite flakes.



Description: Site location and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0139 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS7

Easting: 378030 **Northing:** 6125758 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 2330 **Primary Report:** Dinawan Energy Hub Wind ACHA

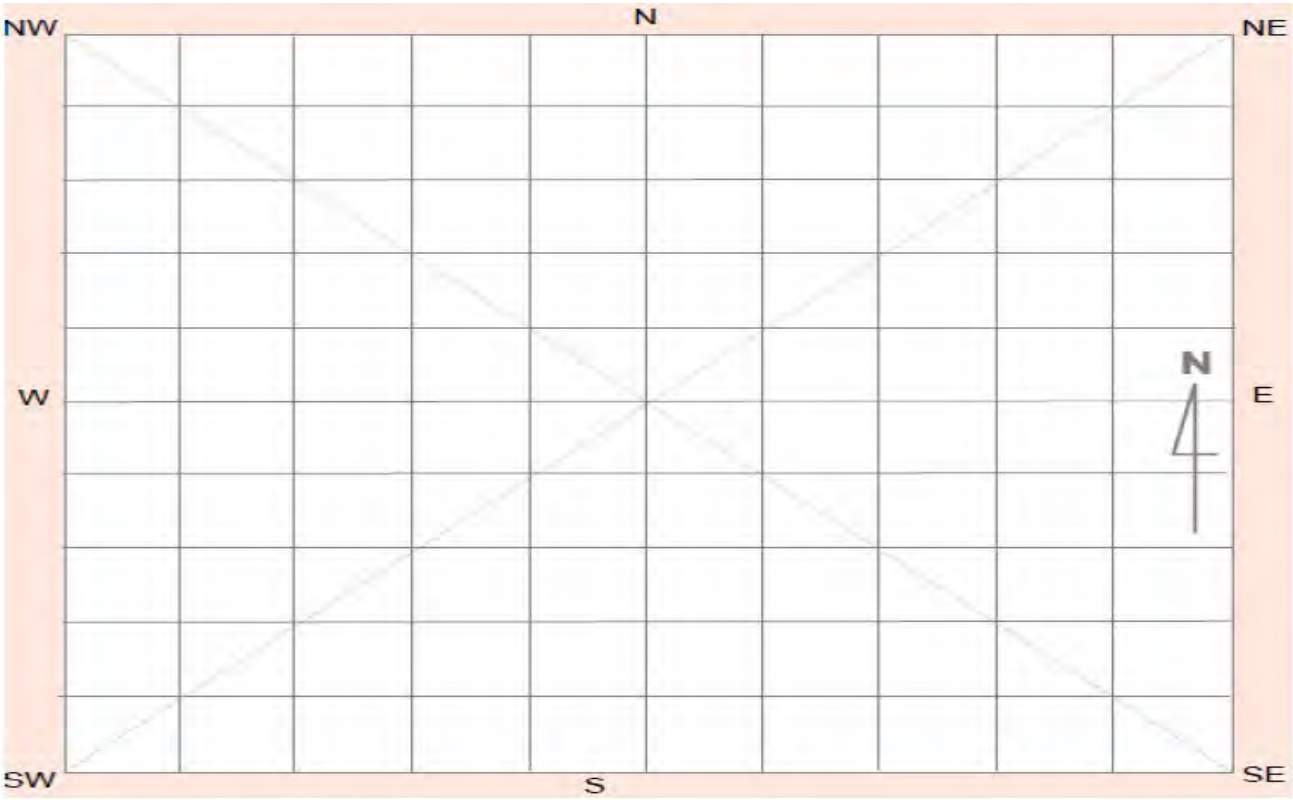
How to get to the site: Access site via Fernbank Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	19	150	100				

Feature condition: Erosion

Description:

18 flakes and a grinding stone fragment identified (n=1). Silcrete flakes (n=12), quartz flakes (n=5), and crystal quartz (n=1). Two silcrete flakes with signs of retouch an possible Bondi point retouch.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

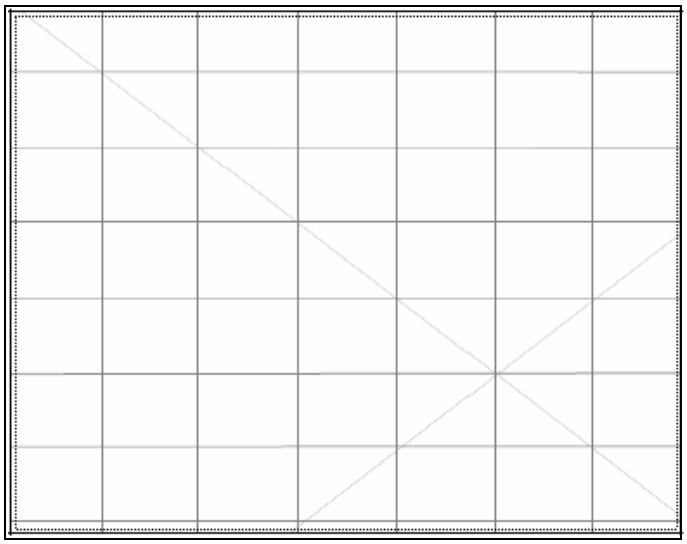
Site photographs



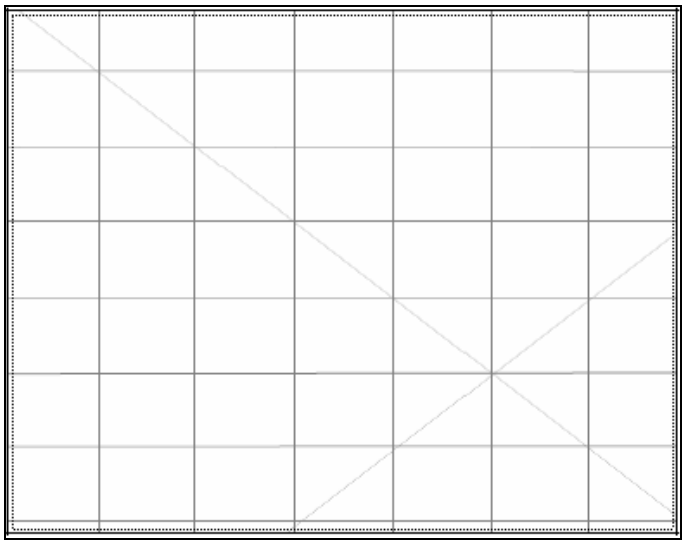
Description: Detailed close up of silcrete, quartz and crystal quartz flakes.



Description: Location of site and condition of the surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0138 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS8

Easting: 377384 **Northing:** 6124274 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 1600 **Primary Report:** Dinawan Energy Hub Wind ACHA

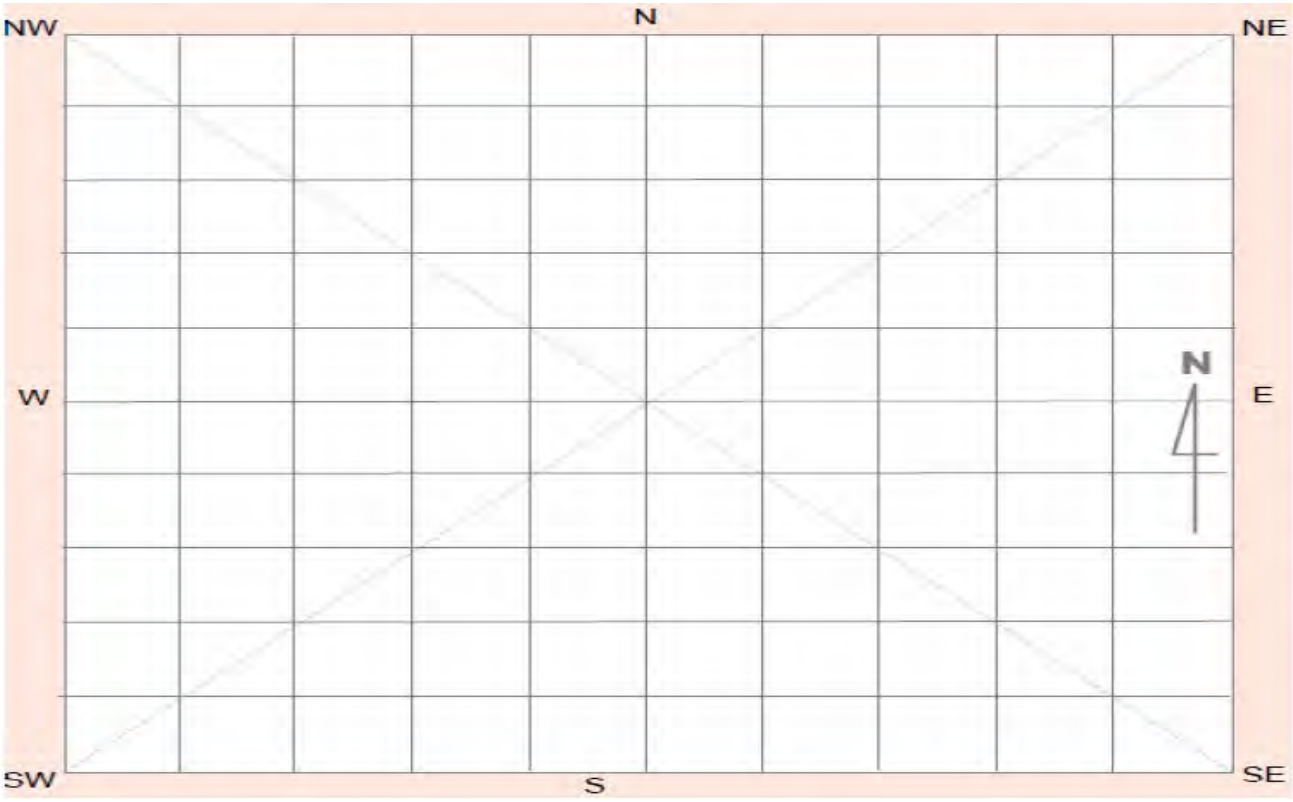
How to get to the site: Access site via Fernbank Road and Mclennons Bore Road

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	2	120	120				

Feature condition: Disturbed

Description:

Silcrete flake (n=1), quartzite flake (n=1). A singular flake of low quality quartz was identified to likely be natural. Located on erosion exposure on gilgai.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

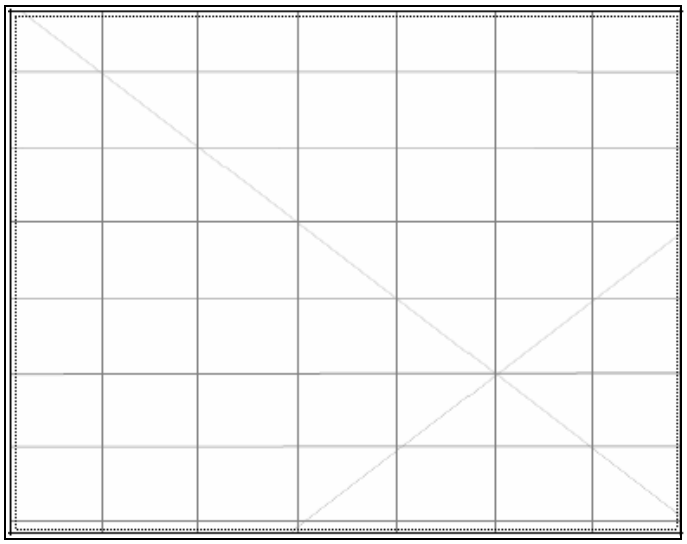
Site photographs



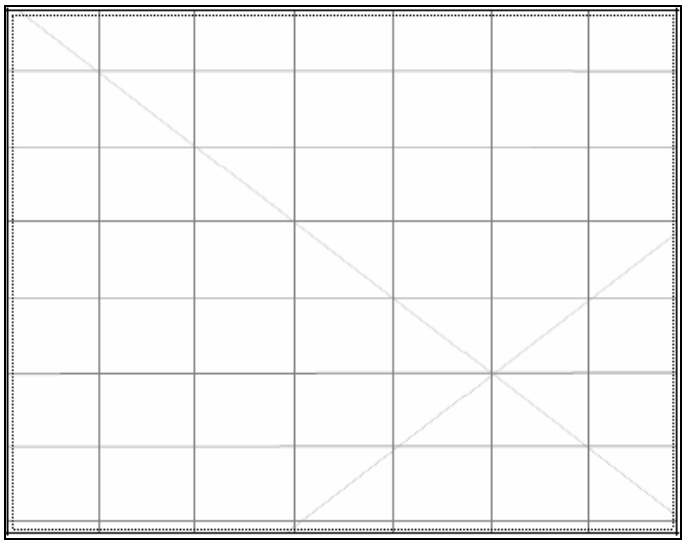
Description: Detailed close up of silcrete and quartzite flake.



Description: Location of silcrete and quartzite flake and condition of the surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0137 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS9

Easting: 373514 **Northing:** 6123876 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 1100 **Primary Report:** Dinawan Energy Hub Wind ACHA

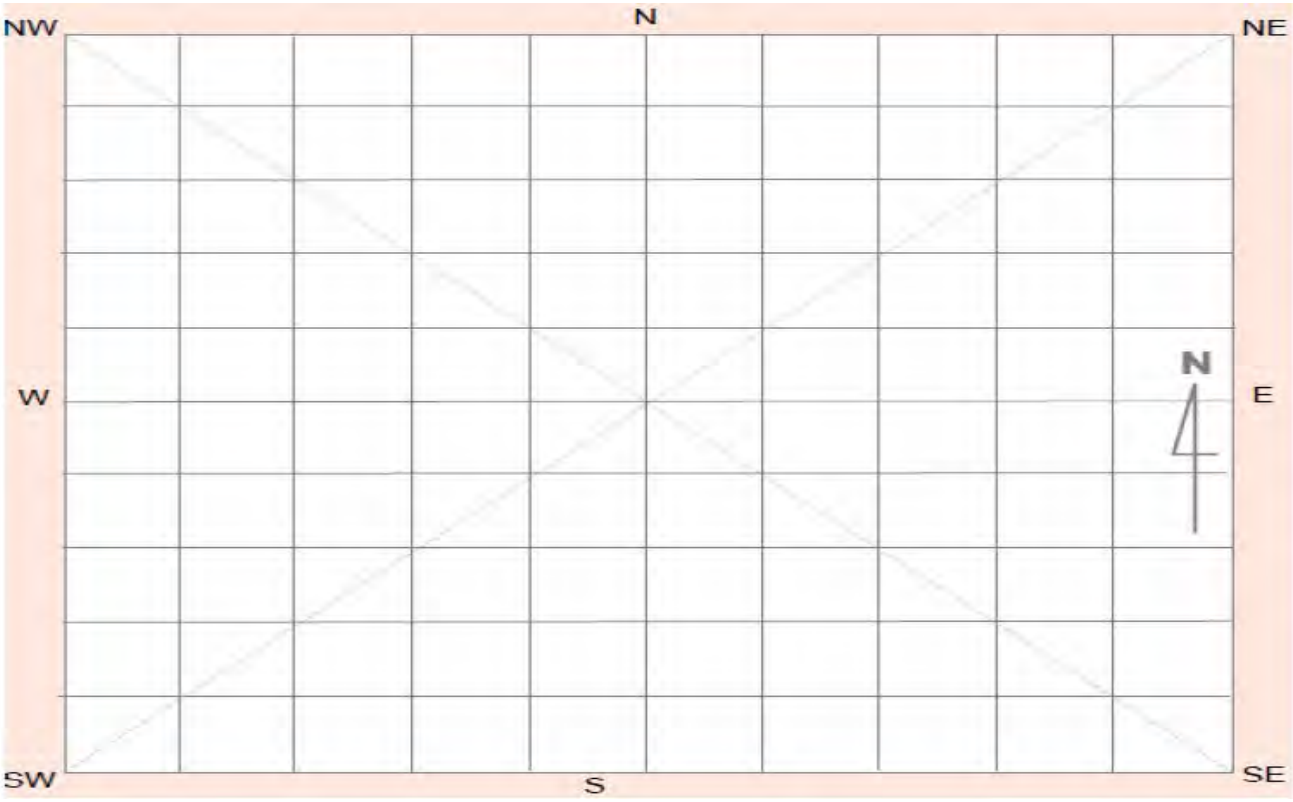
How to get to the site: Access to site via Mclennons Bore Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	5	250	60				

Feature condition: Disturbed

Description:

Broken silcrete flake (n=1), black chert flake (n=1), quartz flake (n=2) and a yellow silcrete flake with 20% cortex. Located on access track by gilgai on luentte.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

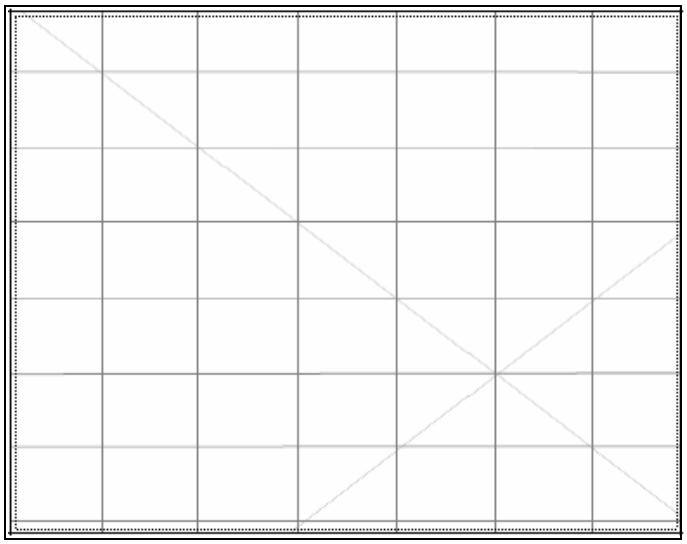
Site photographs



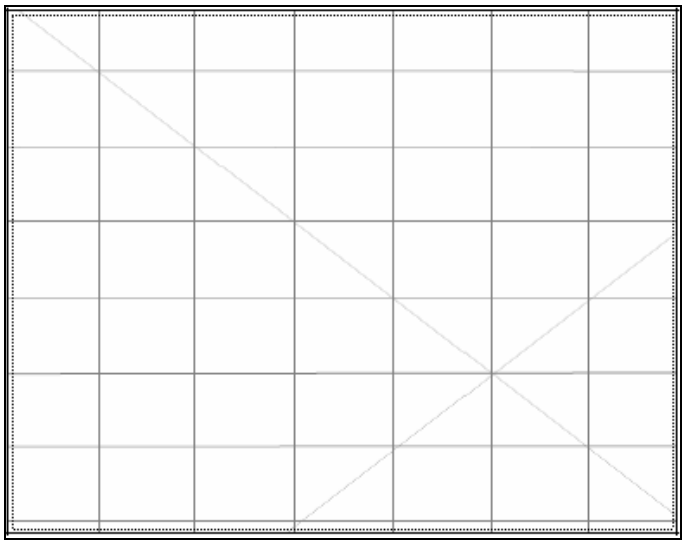
Description: Detailed close up of silcrete flake.



Description: Location of silcrete flake and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0249 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS10

Easting: 360269 **Northing:** 6133006 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Dune Field **Land Use:** Farming Intensive

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 1600 **Primary Report:** Dinawan Energy Hub Wind ACHA

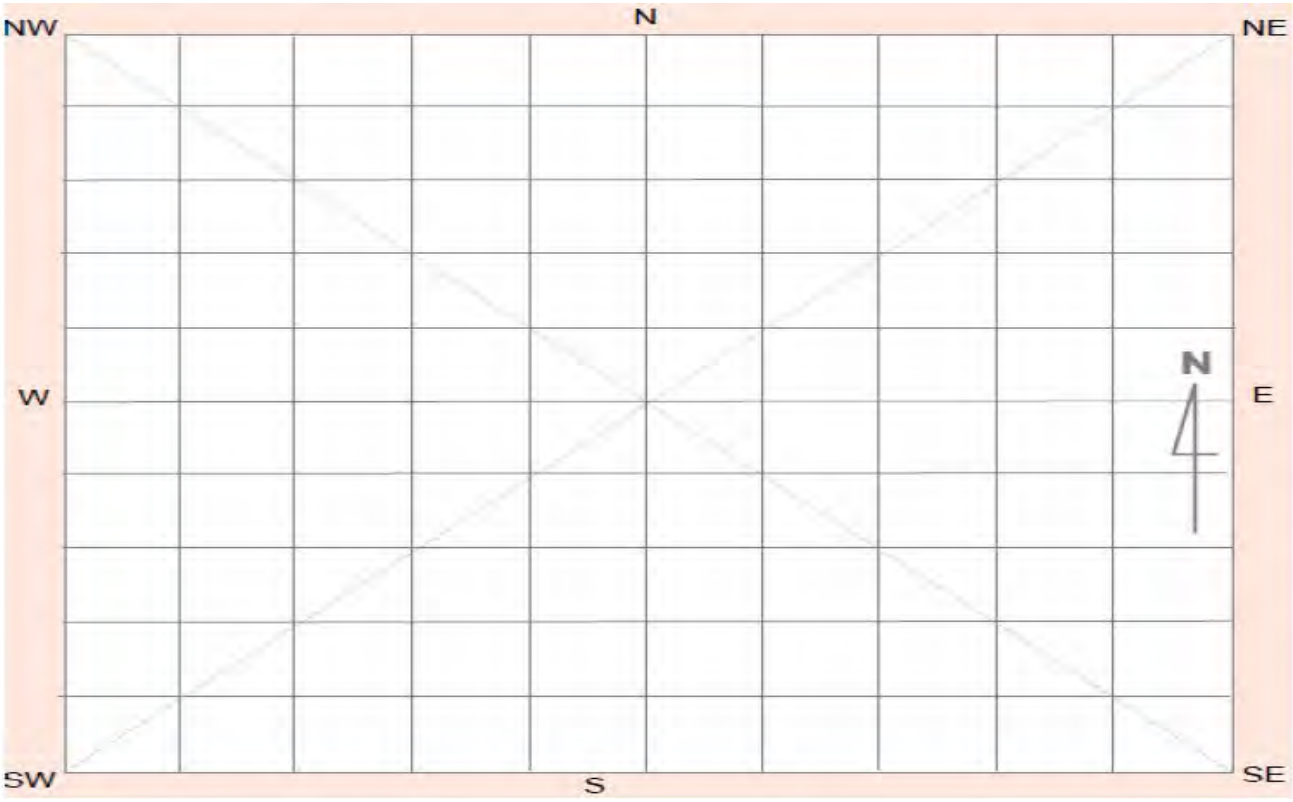
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	9	35	30				

Feature condition: Disturbed

Description:

9 flakes located on sandy scald exposure, of which seven silcrete flakes (n=7) & two quartz (n=2) flakes were identified. Backing on silcrete flake is evident.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

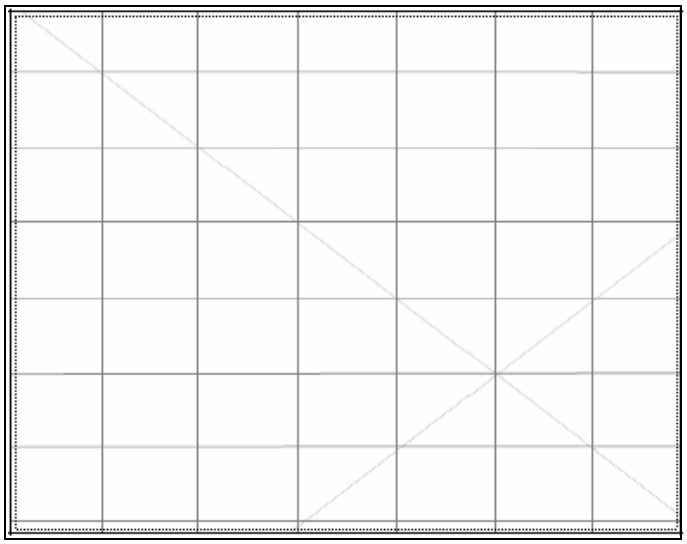
Site photographs



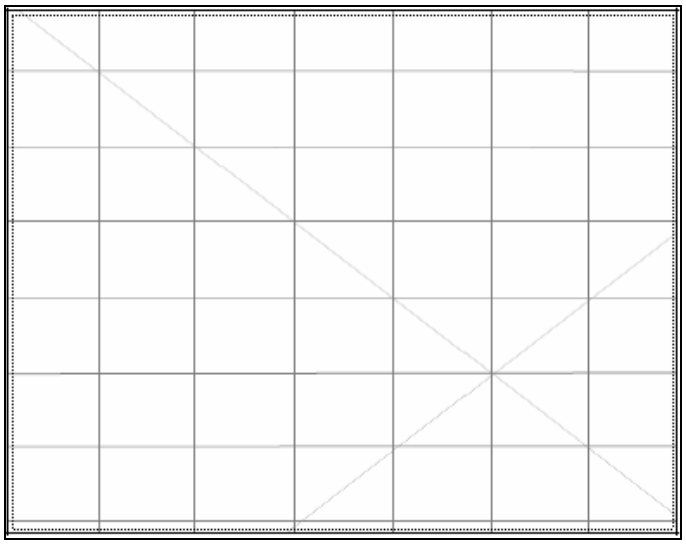
Description: Detailed close up of silcrete and quartz flakes



Description: Site location and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0248 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS11

Easting: 359706 **Northing:** 6132005 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 1000 **Primary Report:** Dinawan Energy Hub Wind ACHA

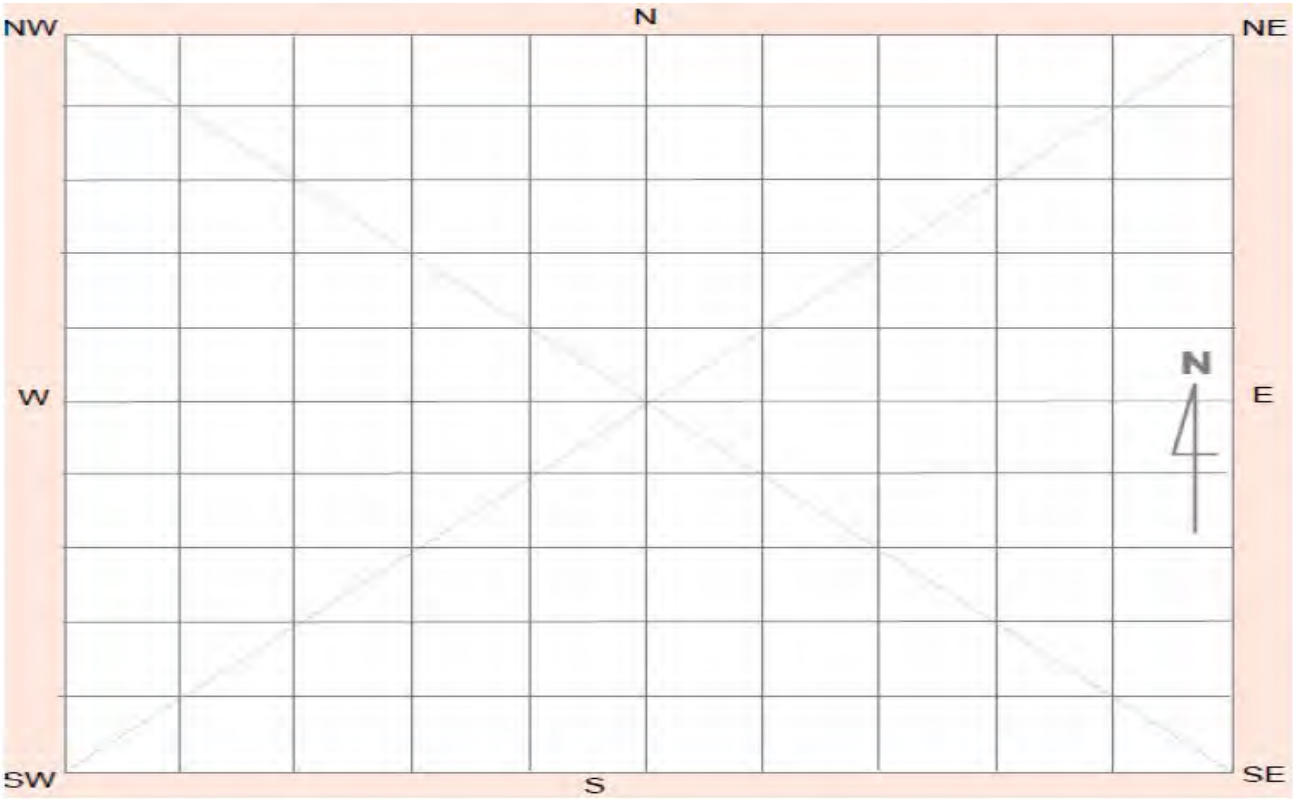
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Good

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	2	50	40				

Feature condition: Good

Description:

One tentative silcrete core and one quartz flake identified on scald exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

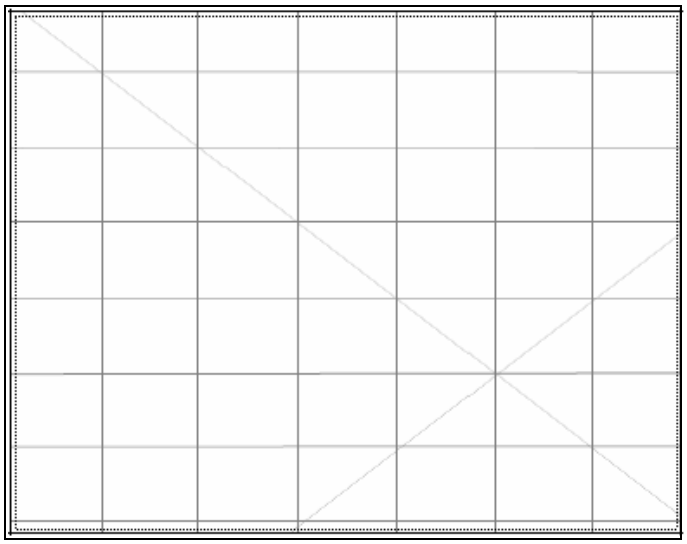
Site photographs



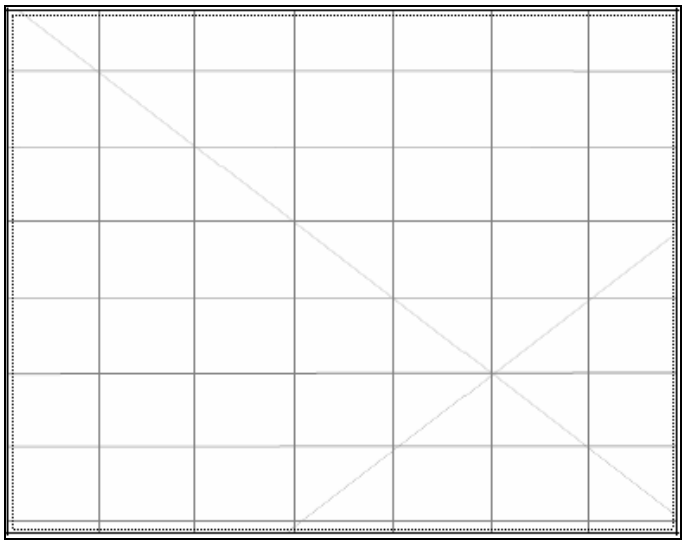
Description: Detailed close up of quartz flake and potential silcrete flake.



Description: Site location and conditions of the surrounding landscape. View east.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0247 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS12

Easting: 359691 **Northing:** 6131281 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 380 **Primary Report:** Dinawan Energy Hub Wind ACHA

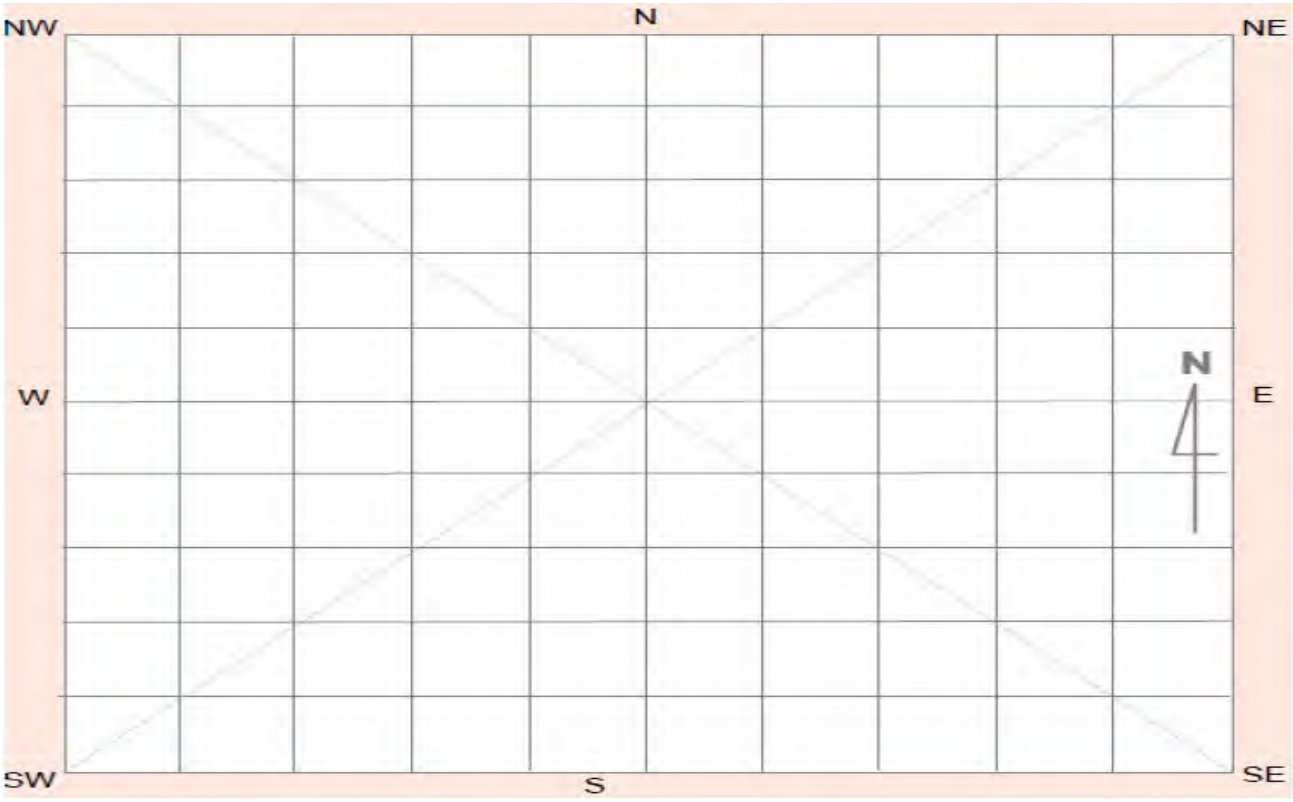
How to get to the site: Access site via Goolgumbla Road.

Other site information: Exposure ranging from 70% to 90%, with visibility from 10% in the north-west of the site extent to 60% in the east.

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	8	250	240				

Feature condition: Erosion

Description:

Silcrete flakes (n=5), one quartzite flake (n=1) & quartz flakes (n=2) identified. Two Silcrete flake show signs of retouch & one shows evident sand erosion.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

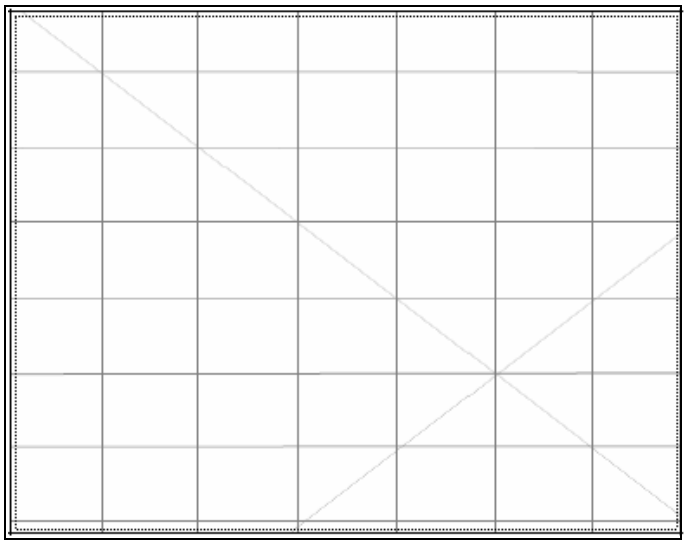
Site photographs



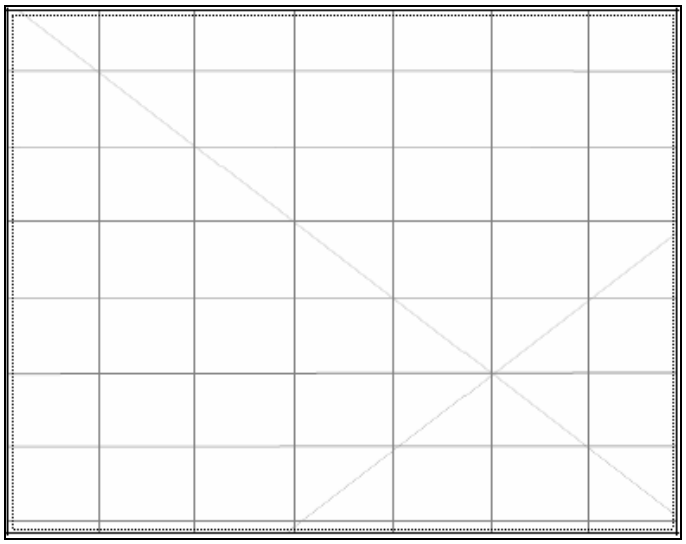
Description: Detailed close up of silcrete and quartz flakes.



Description: Site location and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0246 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS13

Easting: 360733 **Northing:** 6138928 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 600 **Primary Report:** Dinawan Energy Hub Wind ACHA

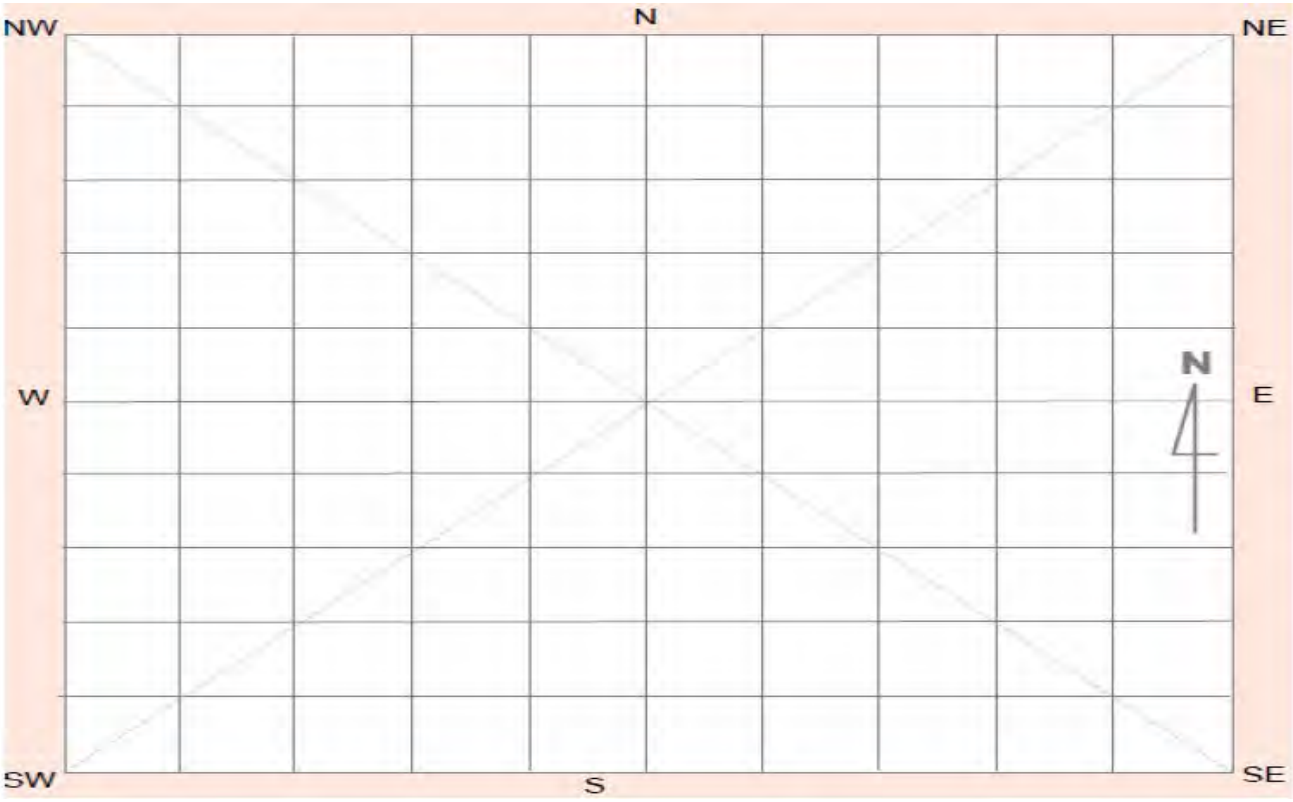
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	6	110	50				

Feature condition: Disturbed

Description:

Silcrete flakes (n=4), quartz flake (n=1), and a quartzite flake (n=1) identified on scald exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

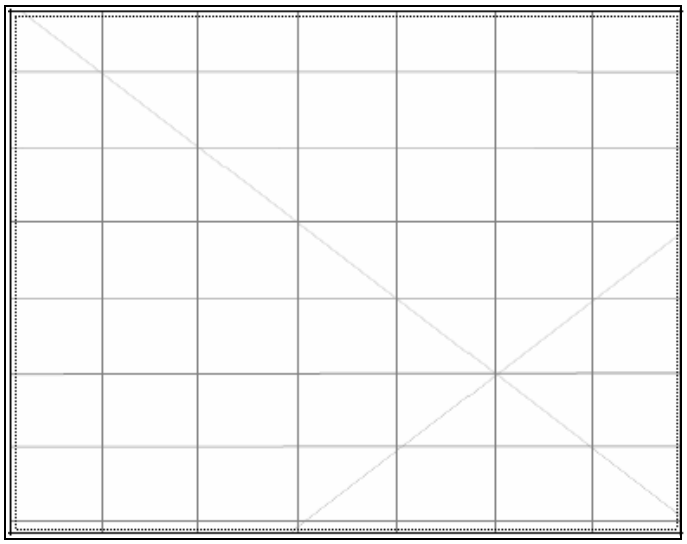
Site photographs



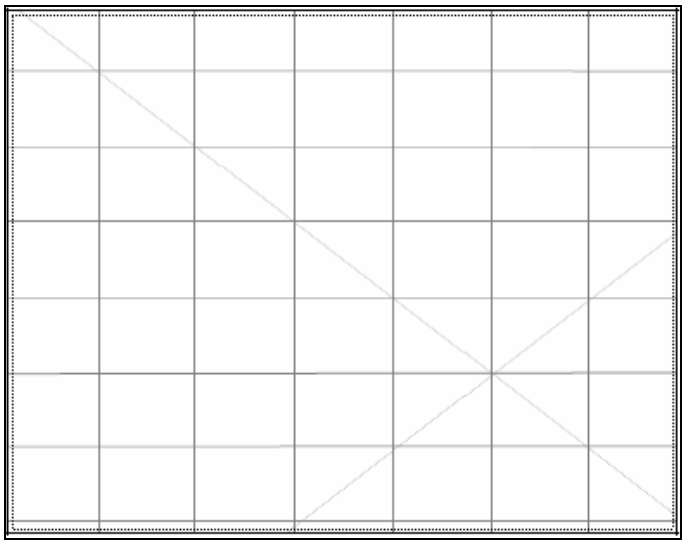
Description: Detailed close up view of silcrete, quartz and quartzite flakes.



Description: Site location and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 49-4-0234 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS14

Easting: 363808 **Northing:** 6140531 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 2500 **Primary Report:** Dinawan Energy Hub Wind ACHA

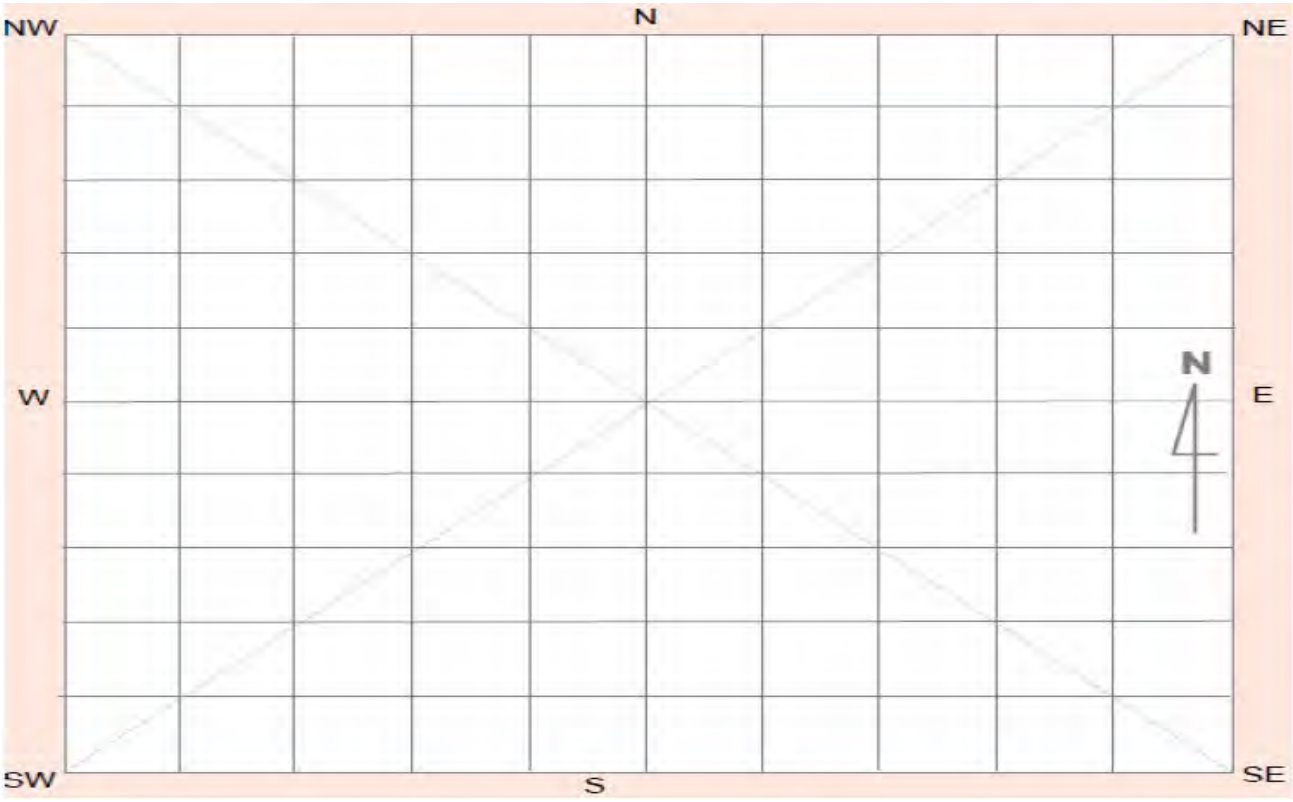
How to get to the site: Access site via Four Corners Road.

Other site information: Exposure 70% and visibility 10%.

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	2	70	60				

Feature condition: Erosion

Description:

Two flakes located on scald exposure, quartz (n=1) and basalt (n=1).

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

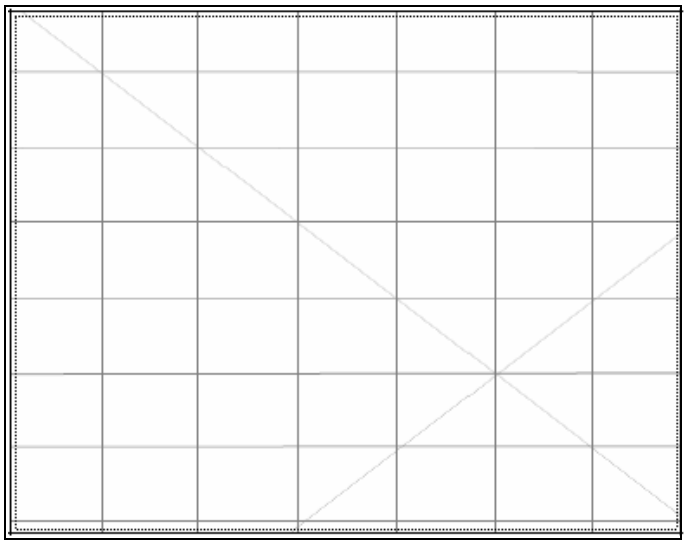
Site photographs



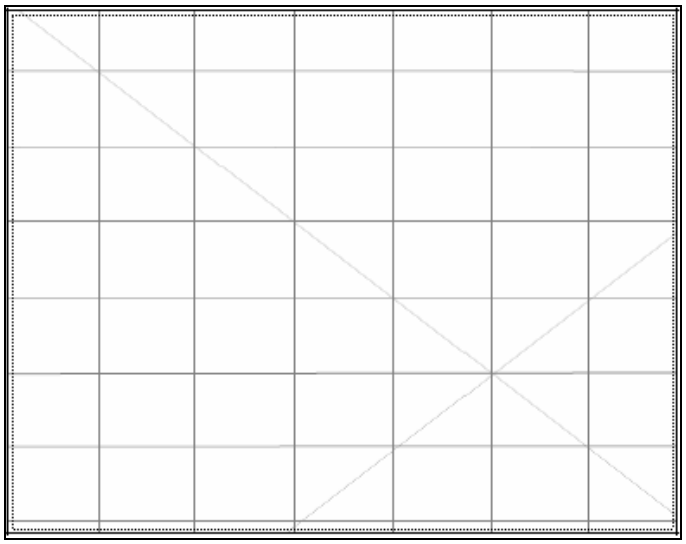
Description: Detailed close up of basalt flake.



Description: Location of basalt flake and condition of surrounding landscape. View west.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0245 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS15

Easting: 358626 **Northing:** 6136340 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 700 **Primary Report:** Dinawan Energy Hub Wind ACHA

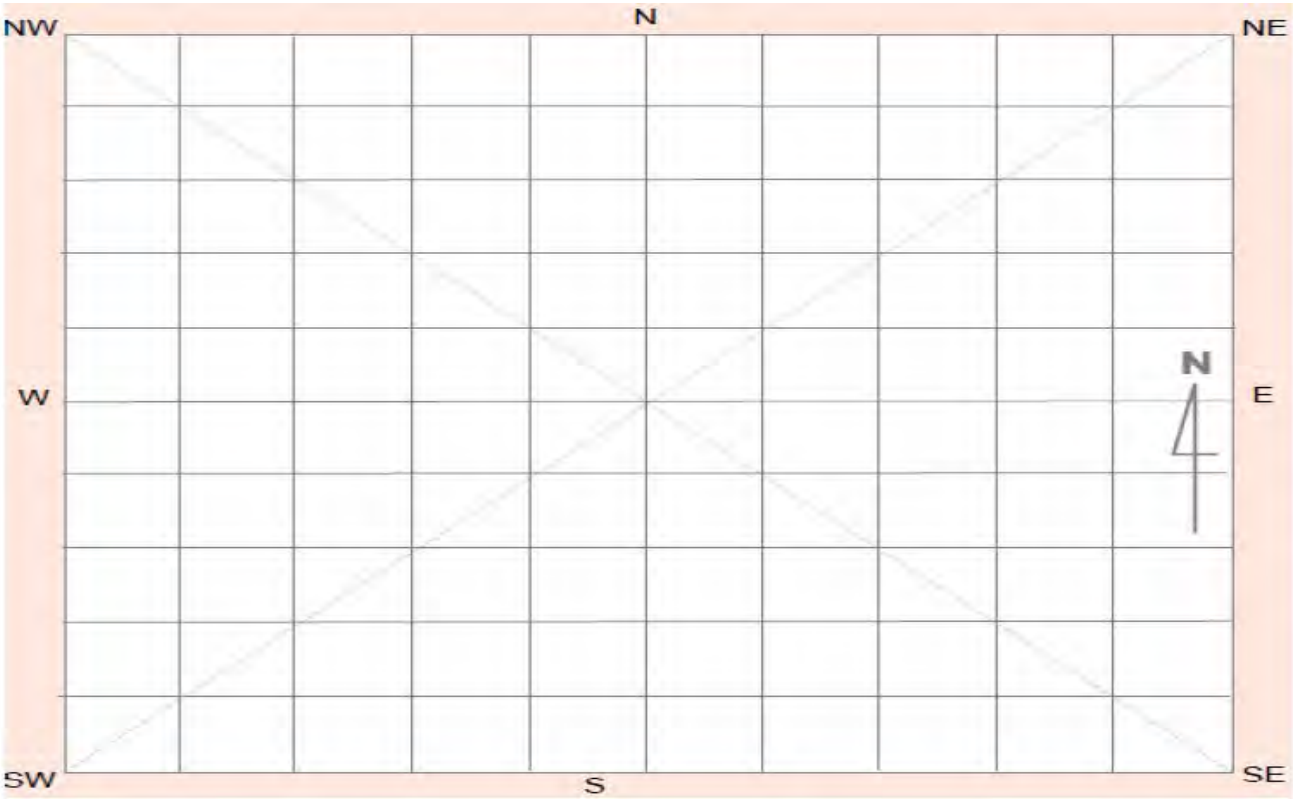
How to get to the site: Access site via Goolgumba Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Good

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	3	60	60				

Feature condition: Good

Description:

Three flakes identified on scald exposure, silcrete flakes (n=2), quartzite flake (n=1).

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

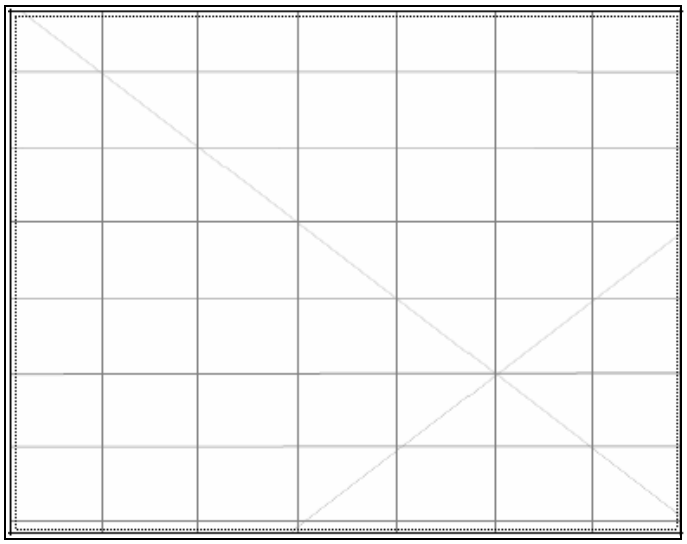
Site photographs



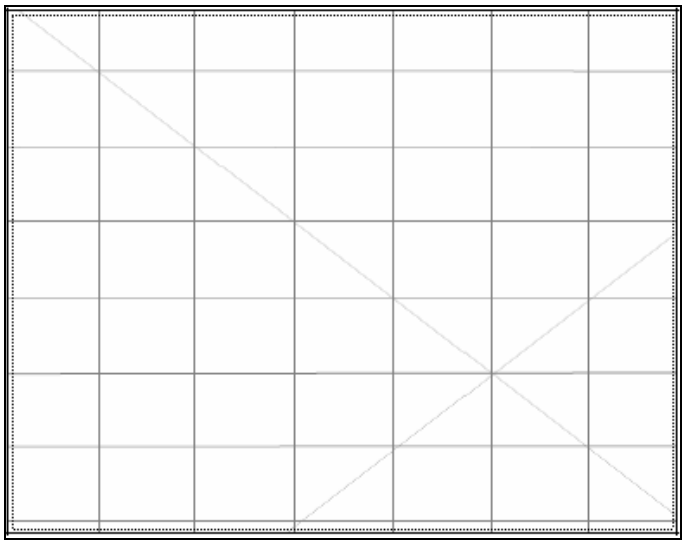
Description: Detailed close up of silcrete and quartzite flakes.



Description: Location of silcrete and quartzite flakes and condition of surrounding landscape. View south.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0244 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS16

Easting: 361805 **Northing:** 6133199 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

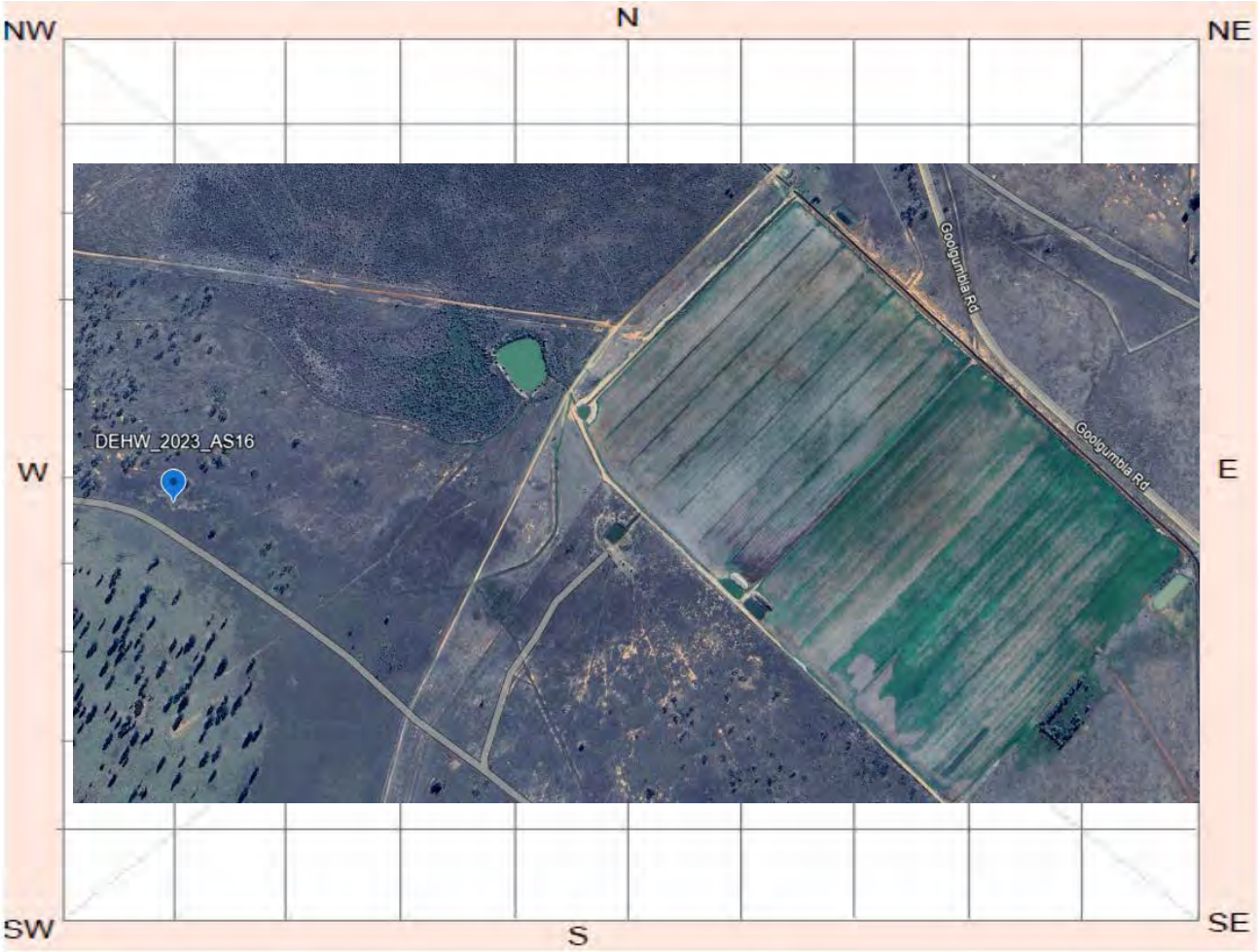
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 350 **Primary Report:** Dinawan Energy Hub Wind ACHA

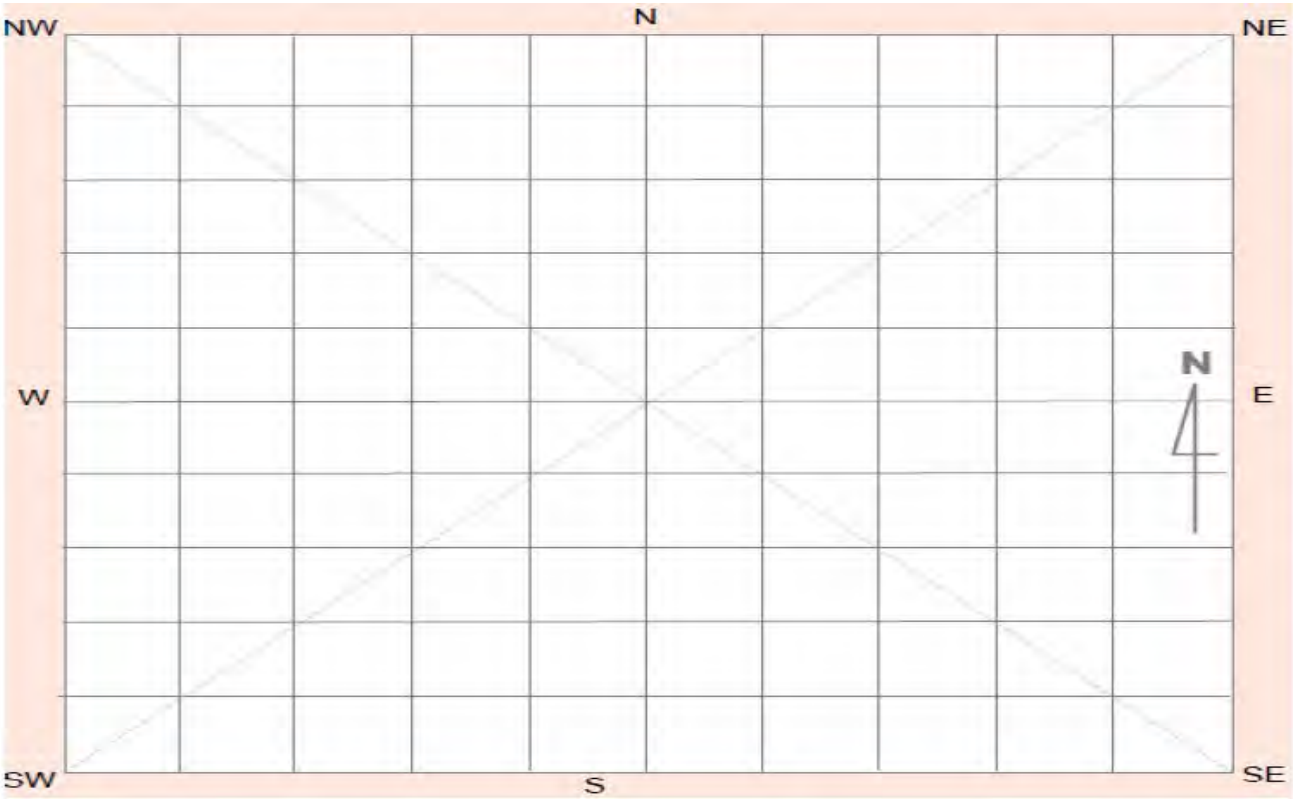
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	2	65	60				

Feature condition: Disturbed

Description:

Three flakes identified on scald exposure. Quartz flakes (n=2) and a silcrete flake (n=1). Nardoo and possible cultural heat retainers located in proximity.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

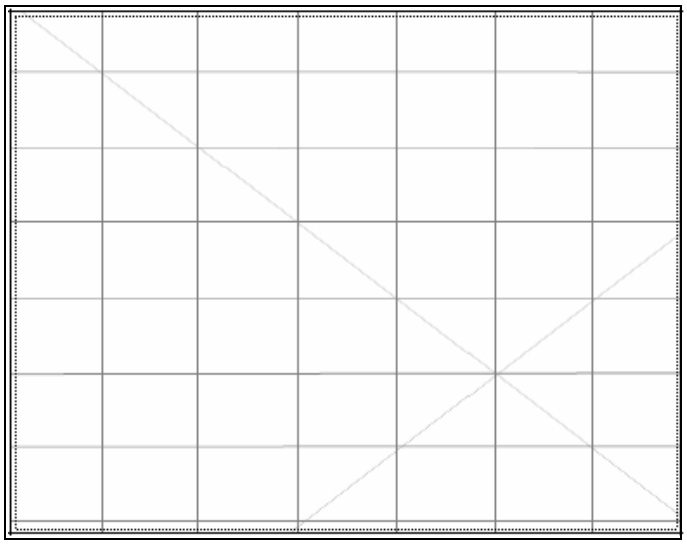
Site photographs



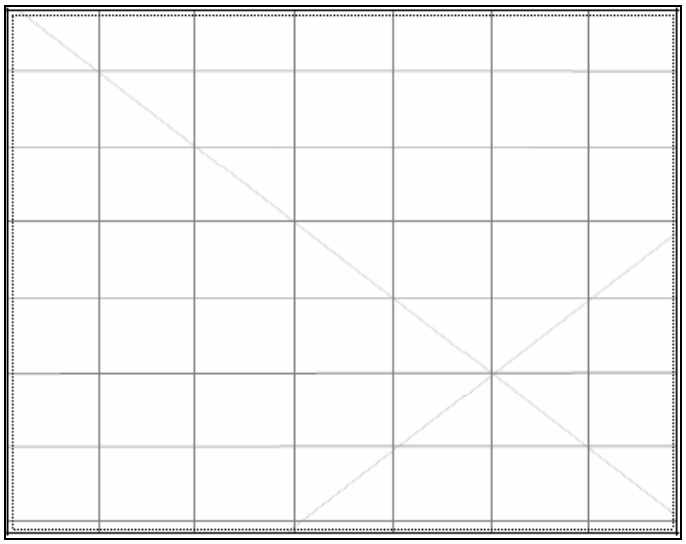
Description: Detailed close up of two potential quartz flakes.



Description: Location of quartz flakes and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 54-3-0066 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS17

Easting: 356779 **Northing:** 6123902 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 3300 **Primary Report:** Dinawan Energy Hub Wind ACHA

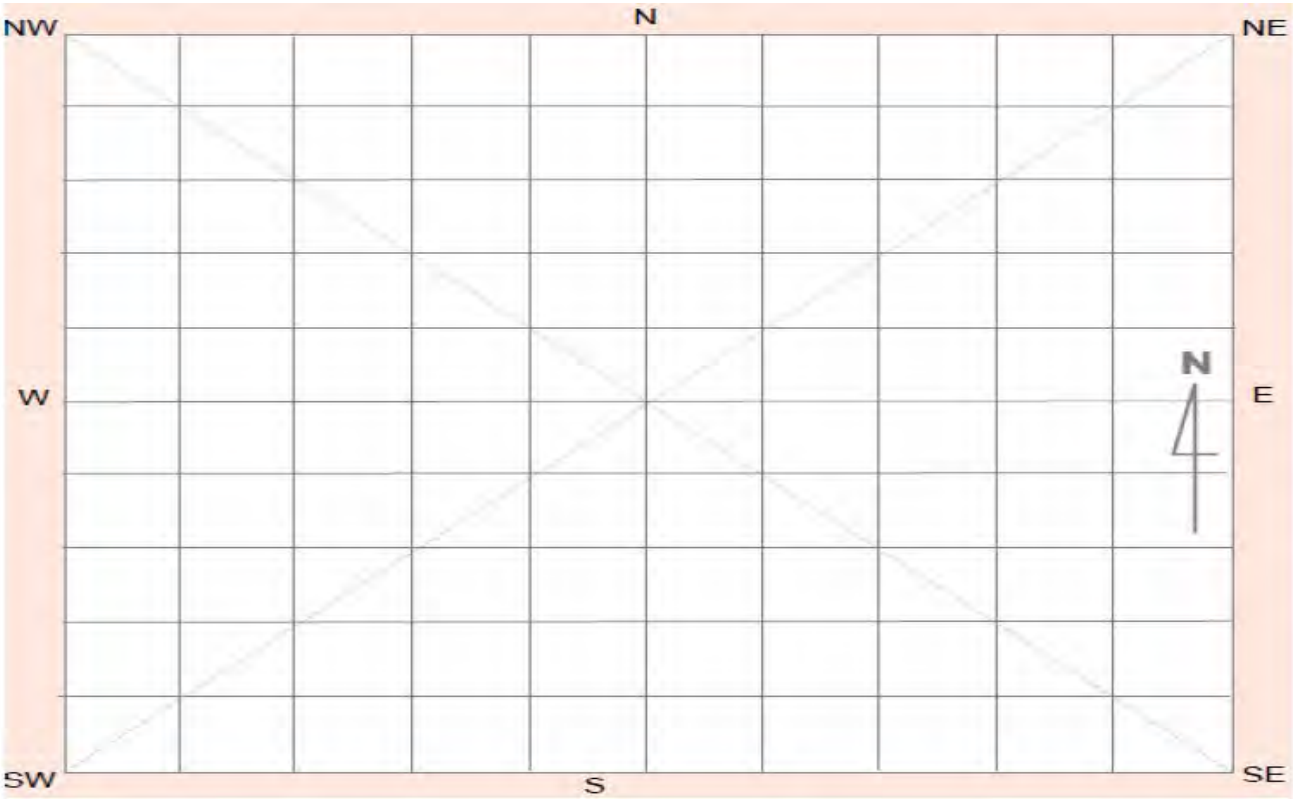
How to get to the site: Access site via Carrathol Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	9	340	80				

Feature condition: Erosion

Description:

Artefact scatter of silcrete (n=3), quartz (n=5) and possible chert (n=1) located on scald exposure. Scald located on rise above paleochannel. Rolled pebble hollowed out, appears cultural.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

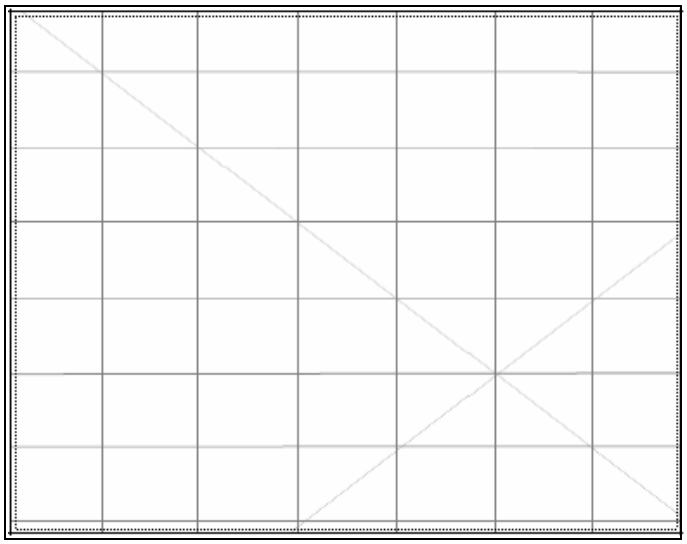
Site photographs



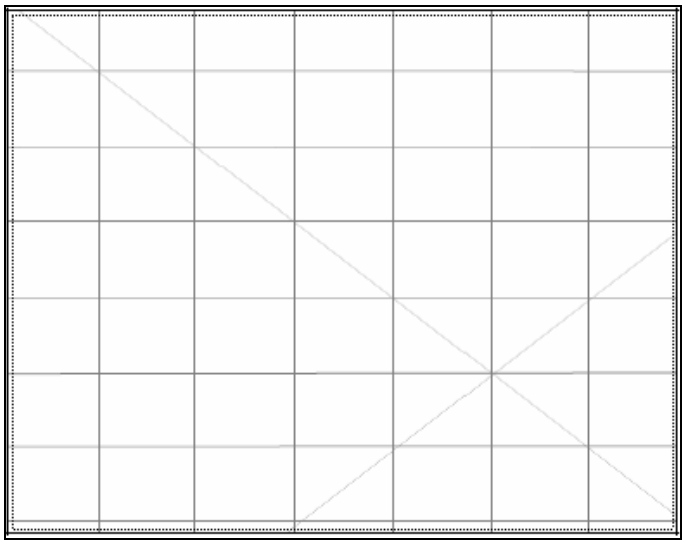
Description: Detailed close up of silcrete flake.



Description: Site location and condition of surrounding landscape. View east.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0243 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS18

Easting: 354940 **Northing:** 6126271 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Floodplain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 700 **Primary Report:**

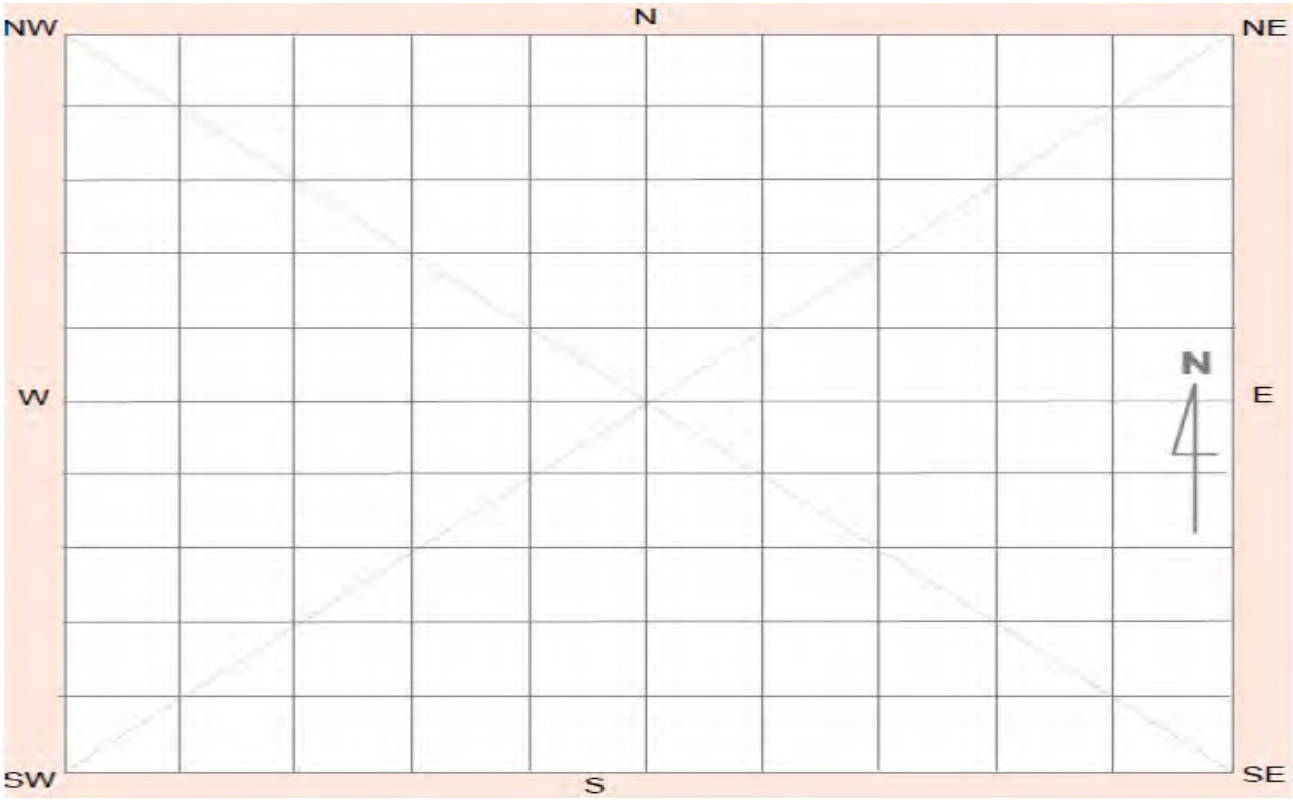
How to get to the site: Access site via Carrathol Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	4	200	30				

Feature condition: Disturbed

Description:

Four artefacts located across scald exposures, including a silcrete core, a quartz flake, a silcrete flake and a sandstone grindstone fragment.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

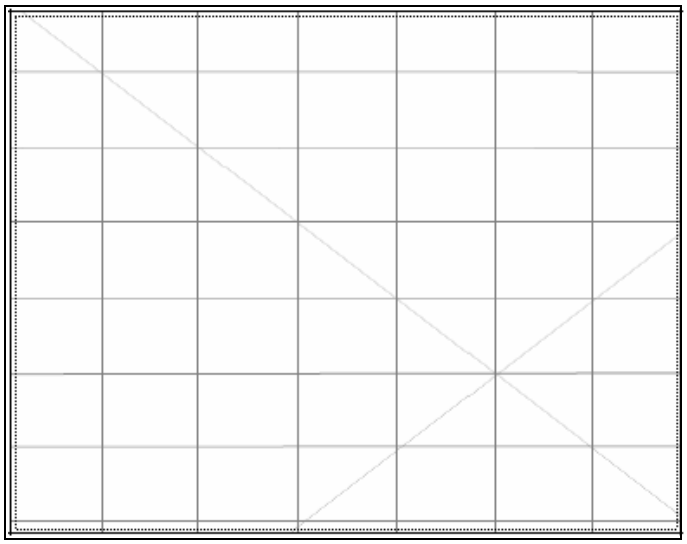
Site photographs



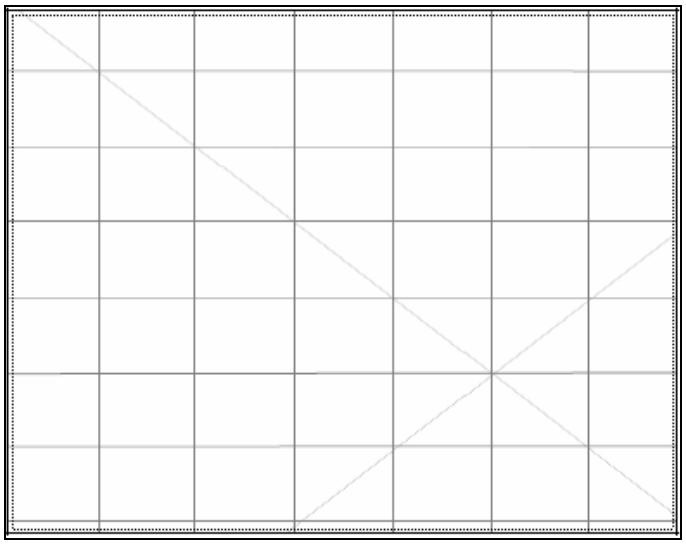
Description: Detailed close up of silcrete and quartz flake.



Description: Site location and condition of surrounding landscape. view north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0242 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS19

Easting: 355106 **Northing:** 6126478 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

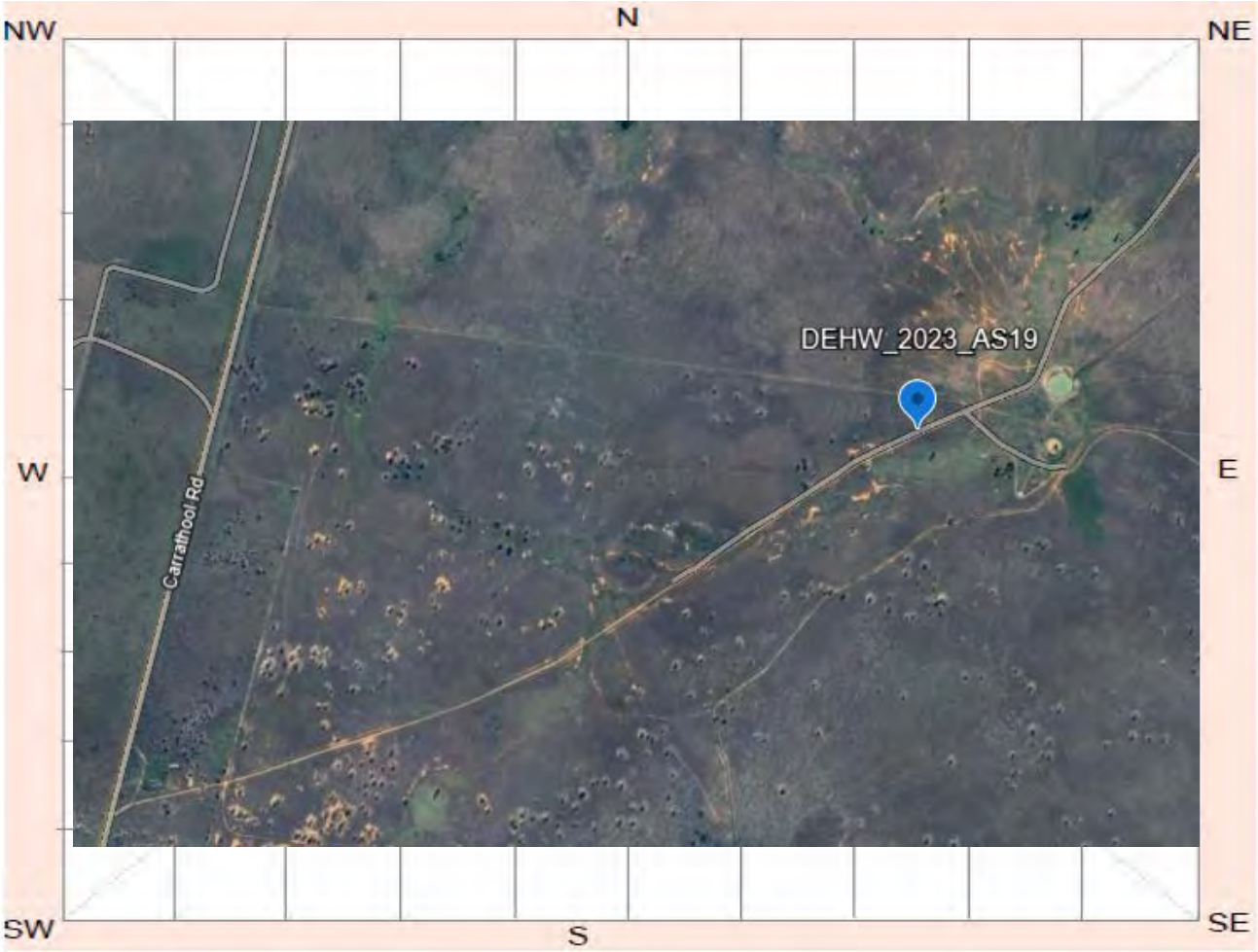
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 400 **Primary Report:** Dinawan Energy Hub Wind ACHA

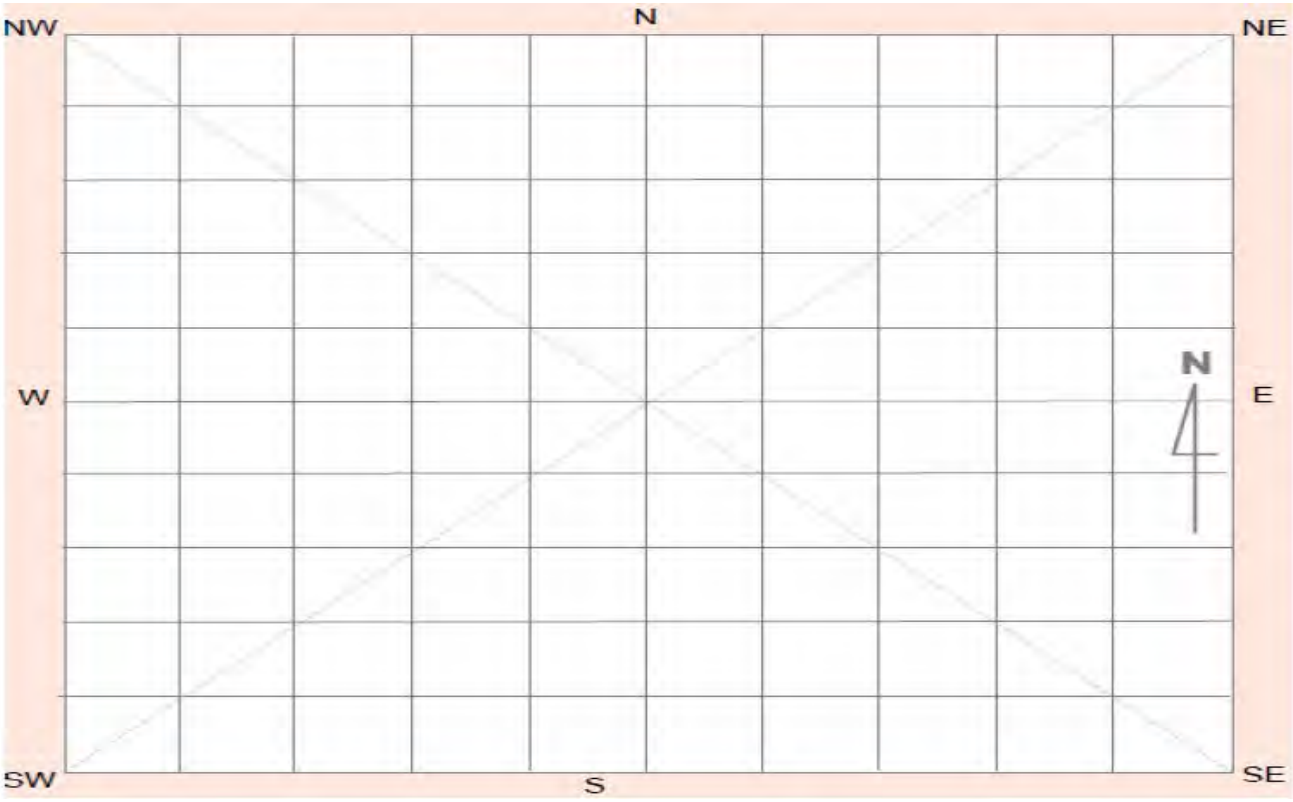
How to get to the site: Access site via Carrathol Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	3	360	40				

Feature condition: Disturbed

Description:

Silcrete flakes (n=3) identified on road exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

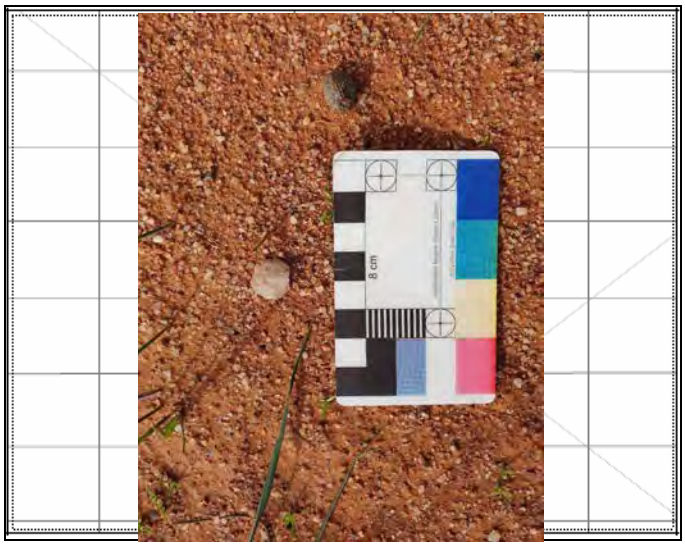
Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

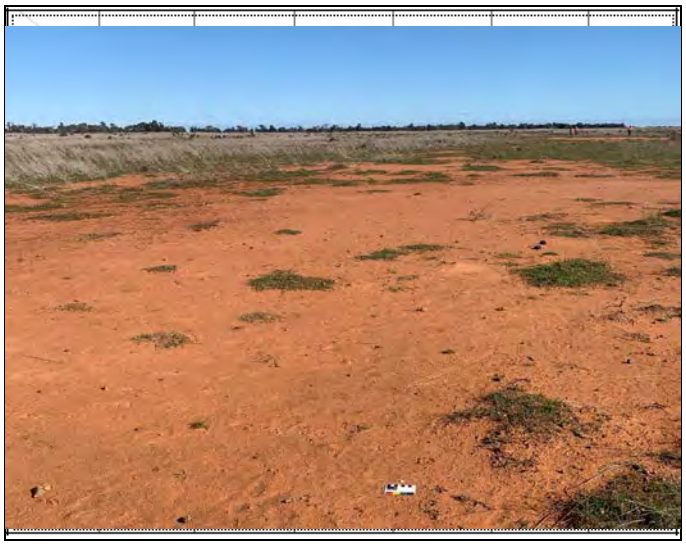
Feature condition:

Description:

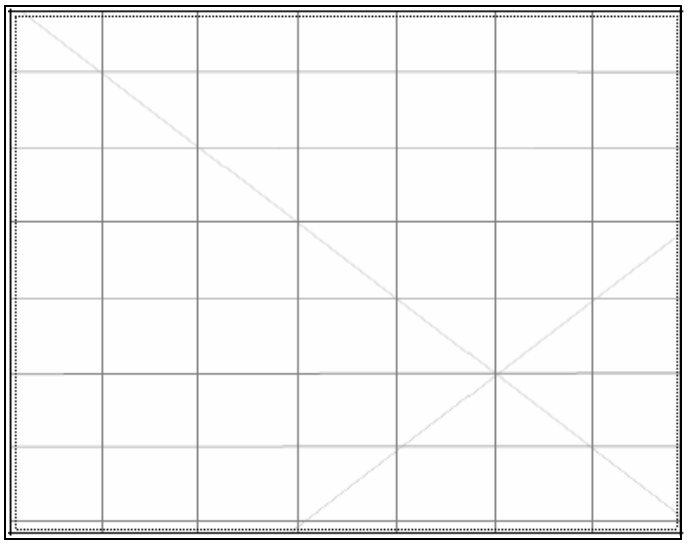
Site photographs



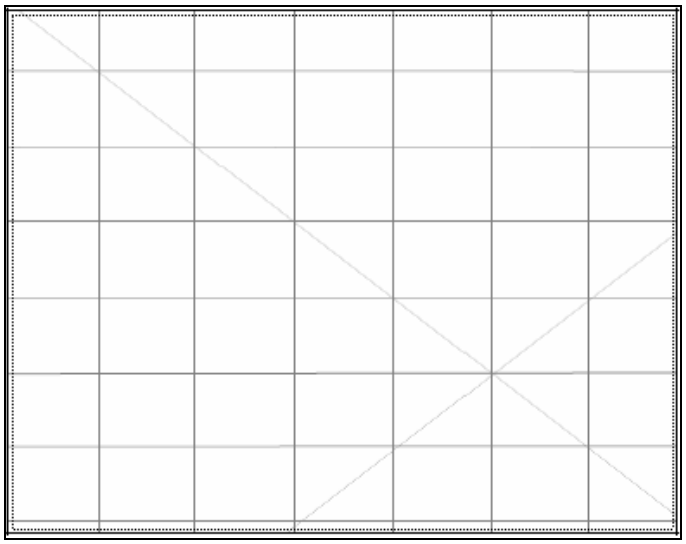
Description: Detailed close up of silcrete flake.



Description: Location of silcrete flake and condition of surrounding landscape. View south.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0241 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS20

Easting: 361062 **Northing:** 6133881 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

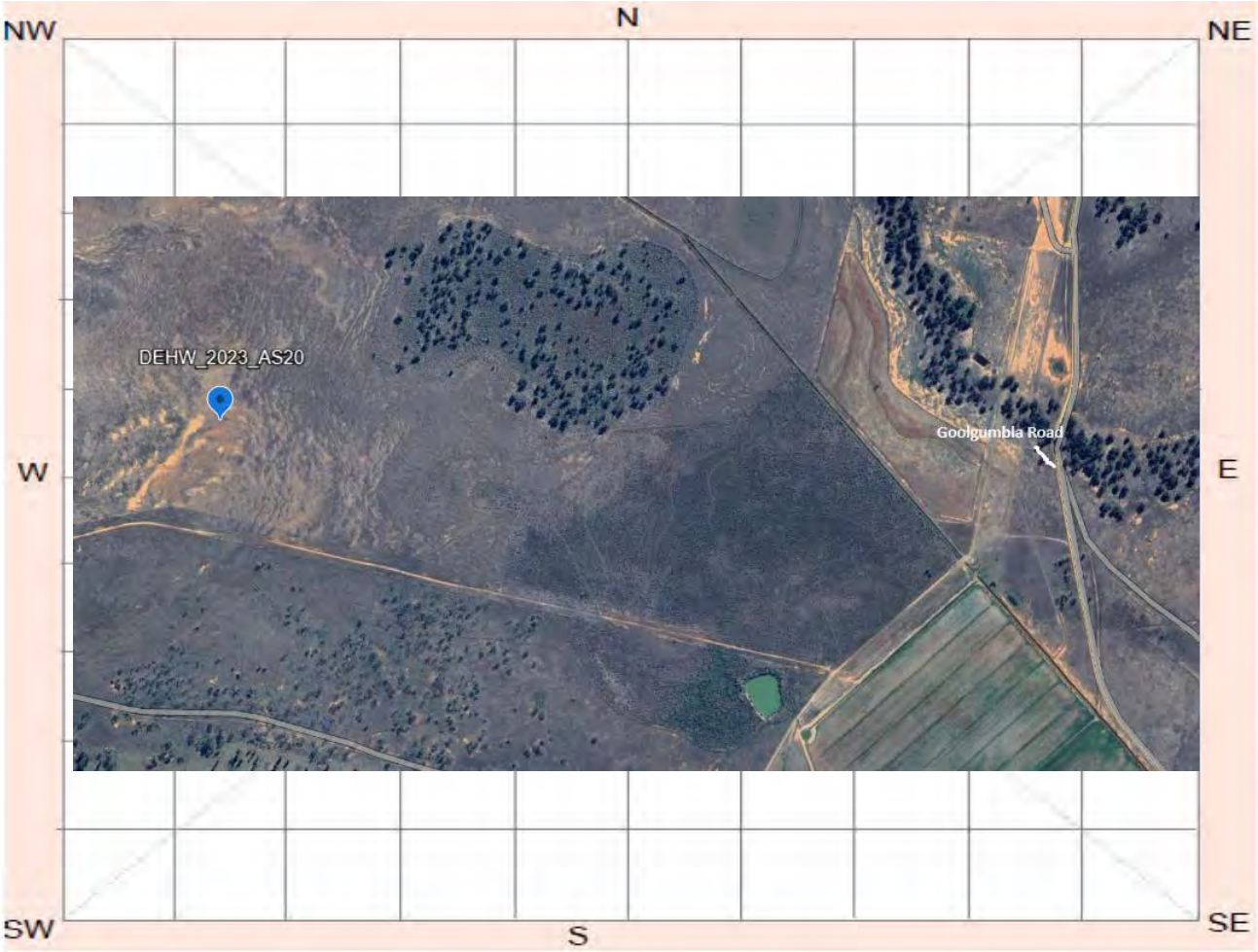
Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 700 **Primary Report:** Dinawan Energy Hub Wind ACHA

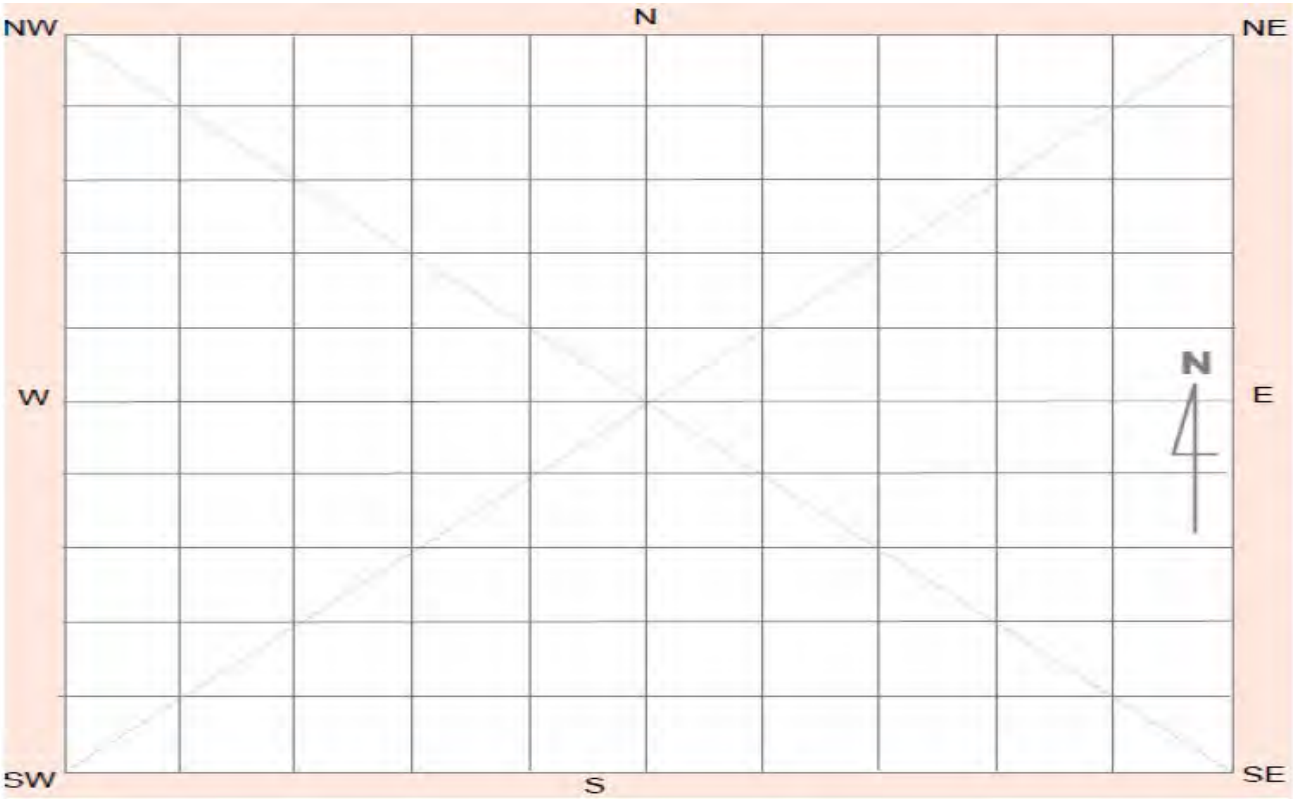
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1.	Artefact	2	125	100				

Feature condition: Erosion

Description:

One tentative quartz flake and silcrete flake (n=1) identified on scald exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

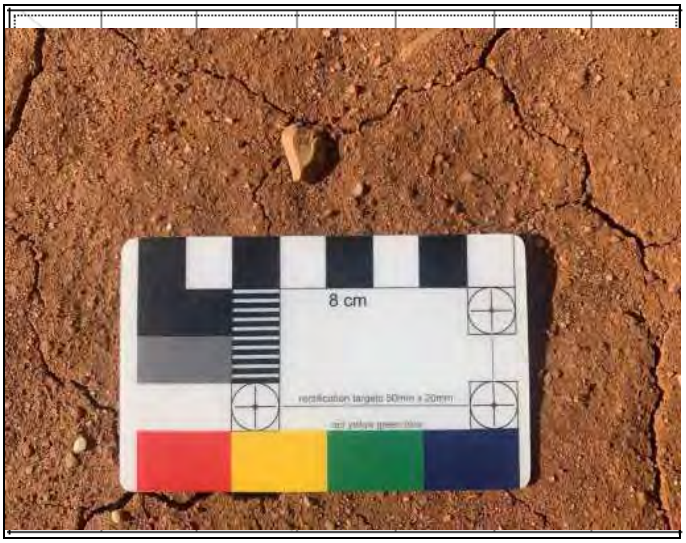
Site photographs



Description: Detailed close up of tentative quartz flake.



Description: Site location and condition of surrounding landscape. View south.



Description: Detailed close up of silcrete flake.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0136 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS21

Easting: 379544 **Northing:** 6124017 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

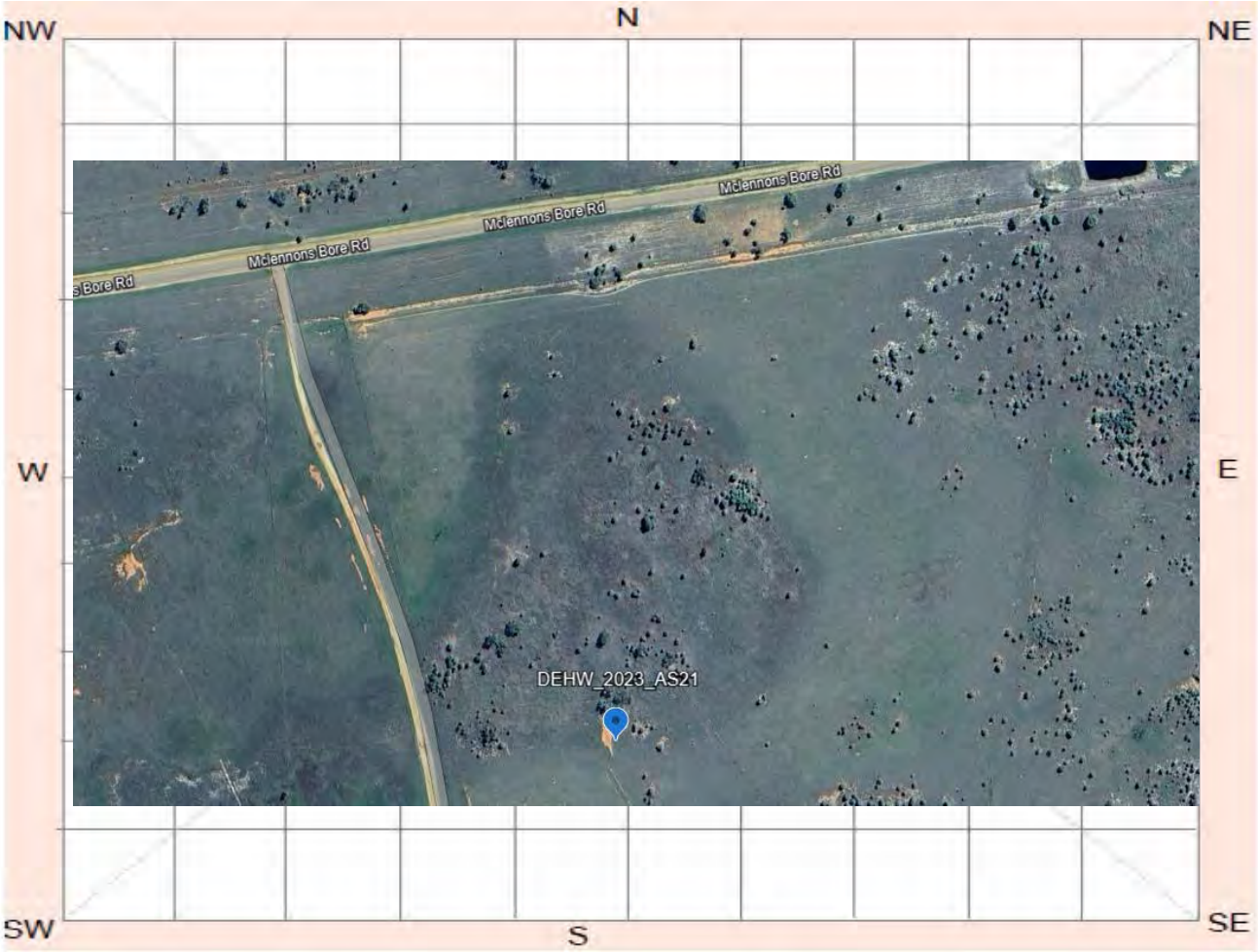
Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 1500 **Primary Report:** Dinawan Energy Hub Wind ACHA

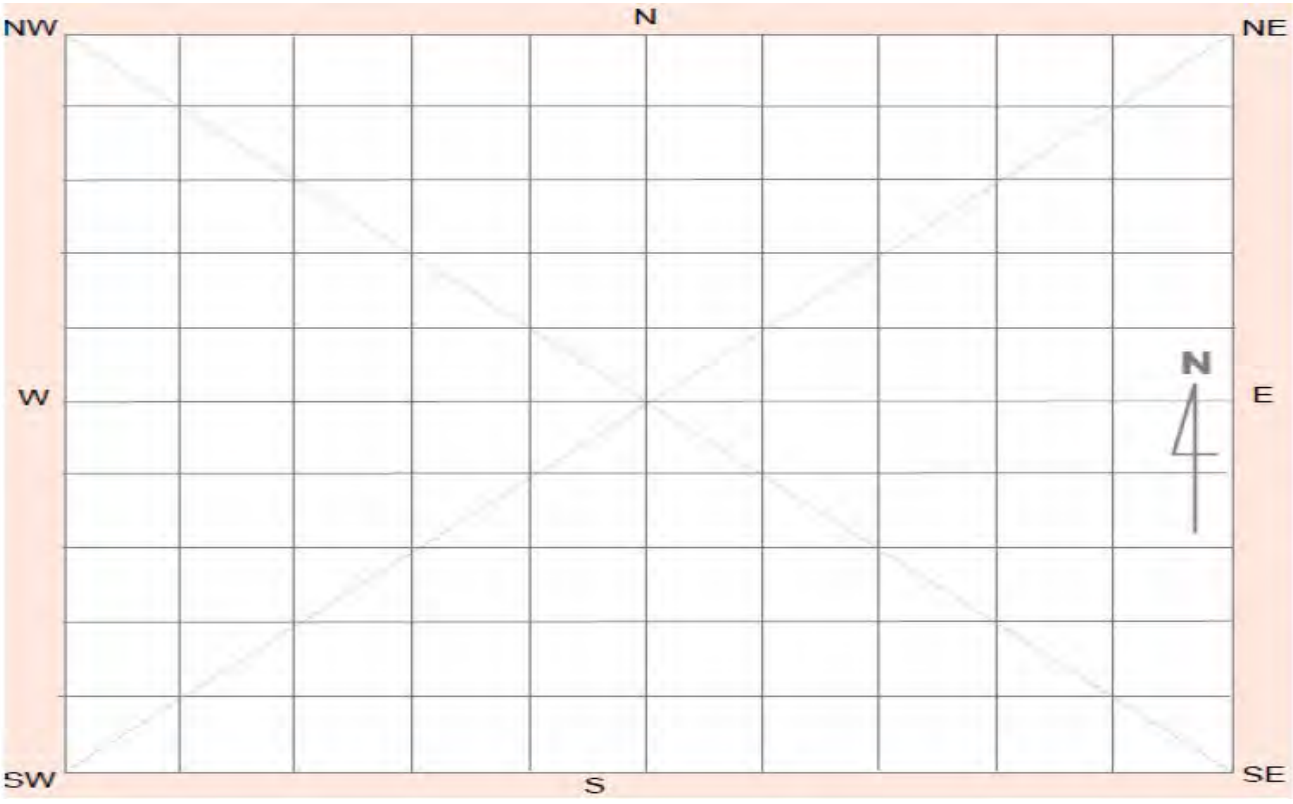
How to get to the site: Access site via Mclennons Bore Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	5	35	15				

Feature condition: Disturbed

Description:

Quartz flakes (n=4), one silcrete flake (n=1) identified on scald exposure.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

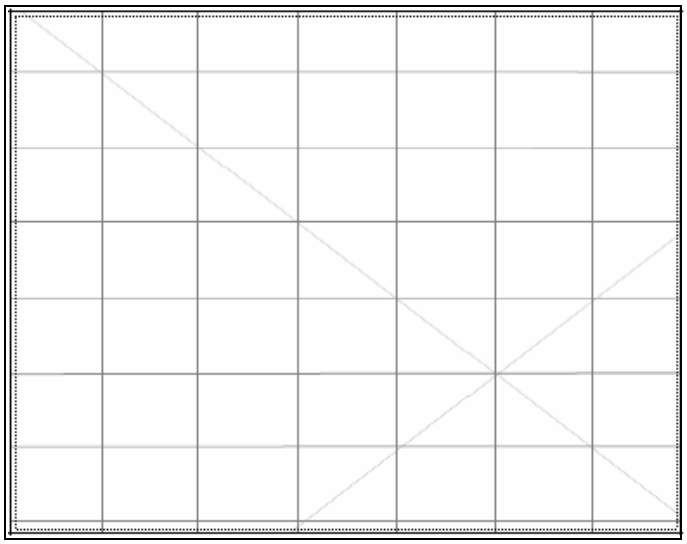
Site photographs



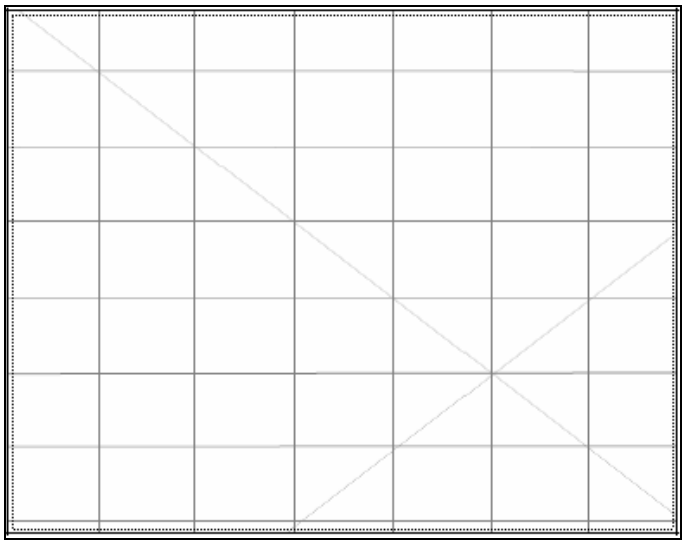
Description: Detailed close up of quartz and silcrete flakes.



Description: Location of flakes and condition of surrounding landscape. View south-east.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0135 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS22

Easting: 372872 **Northing:** 6122445 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 900 **Primary Report:** Dinawan Energy Hub Wind ACHA

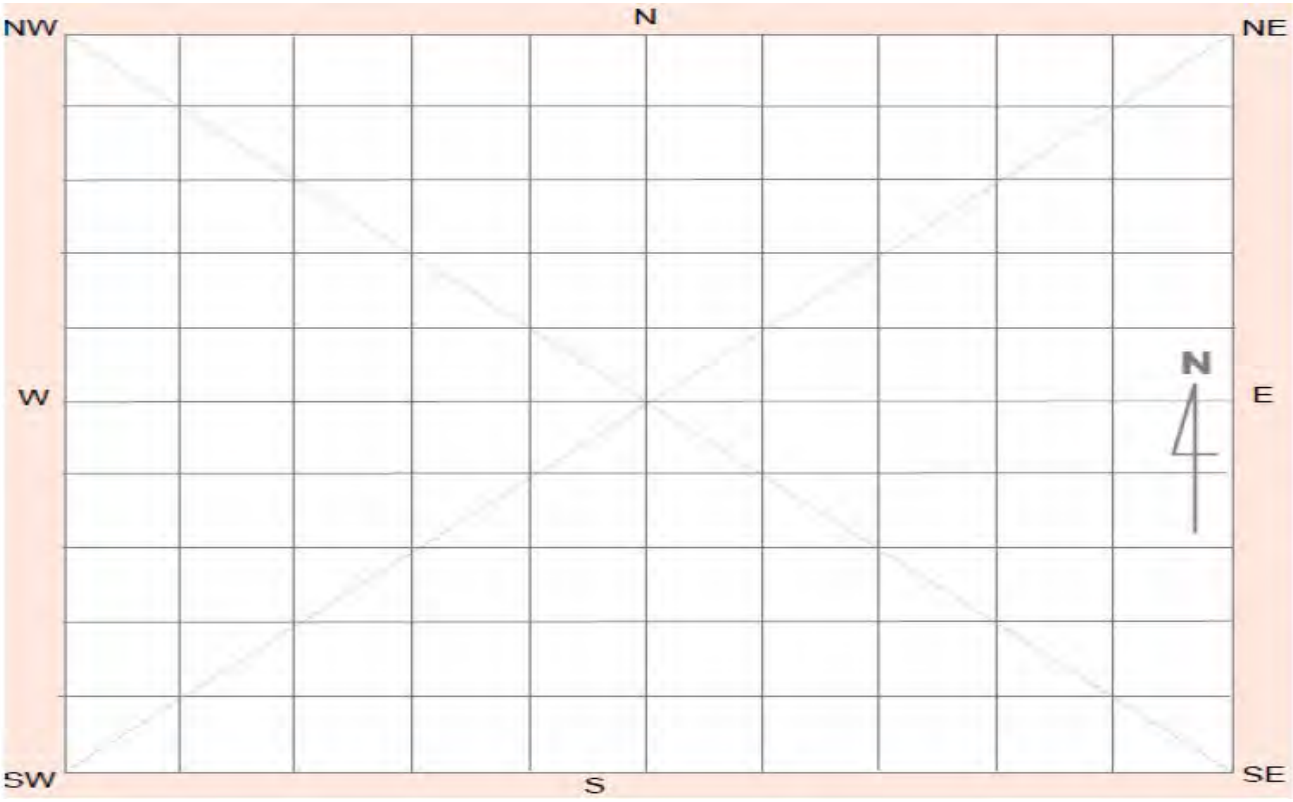
How to get to the site: Access site via Jerrys Lane from Wilson Road.

Other site information: 80% exposure with 10% visibility.

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Good

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	2	40	20				

Feature condition: Good

Description:

Two tentative quartz flakes (n=2) identified on scald exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

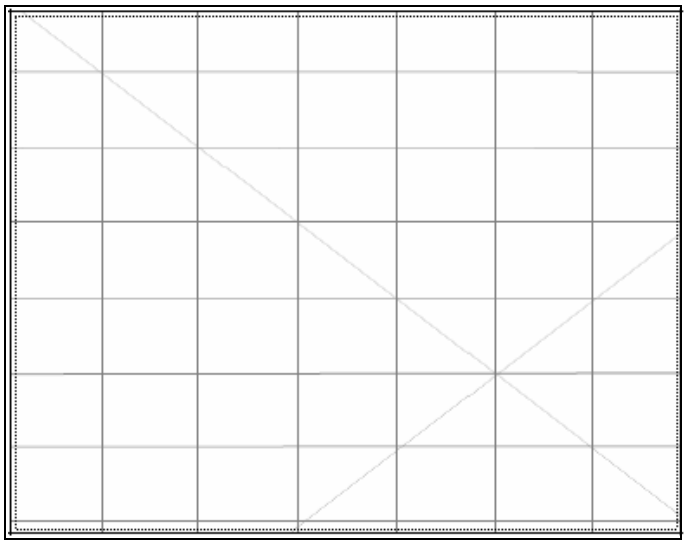
Site photographs



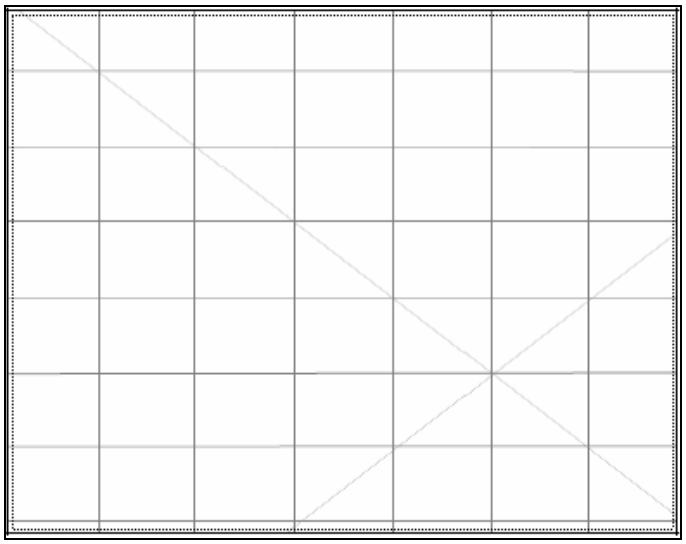
Description: Detailed close up of quartz flakes.



Description: Location of flakes and condition of surrounding landscape. View south-west.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0159 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS23

Easting: 387046 **Northing:** 6123890 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

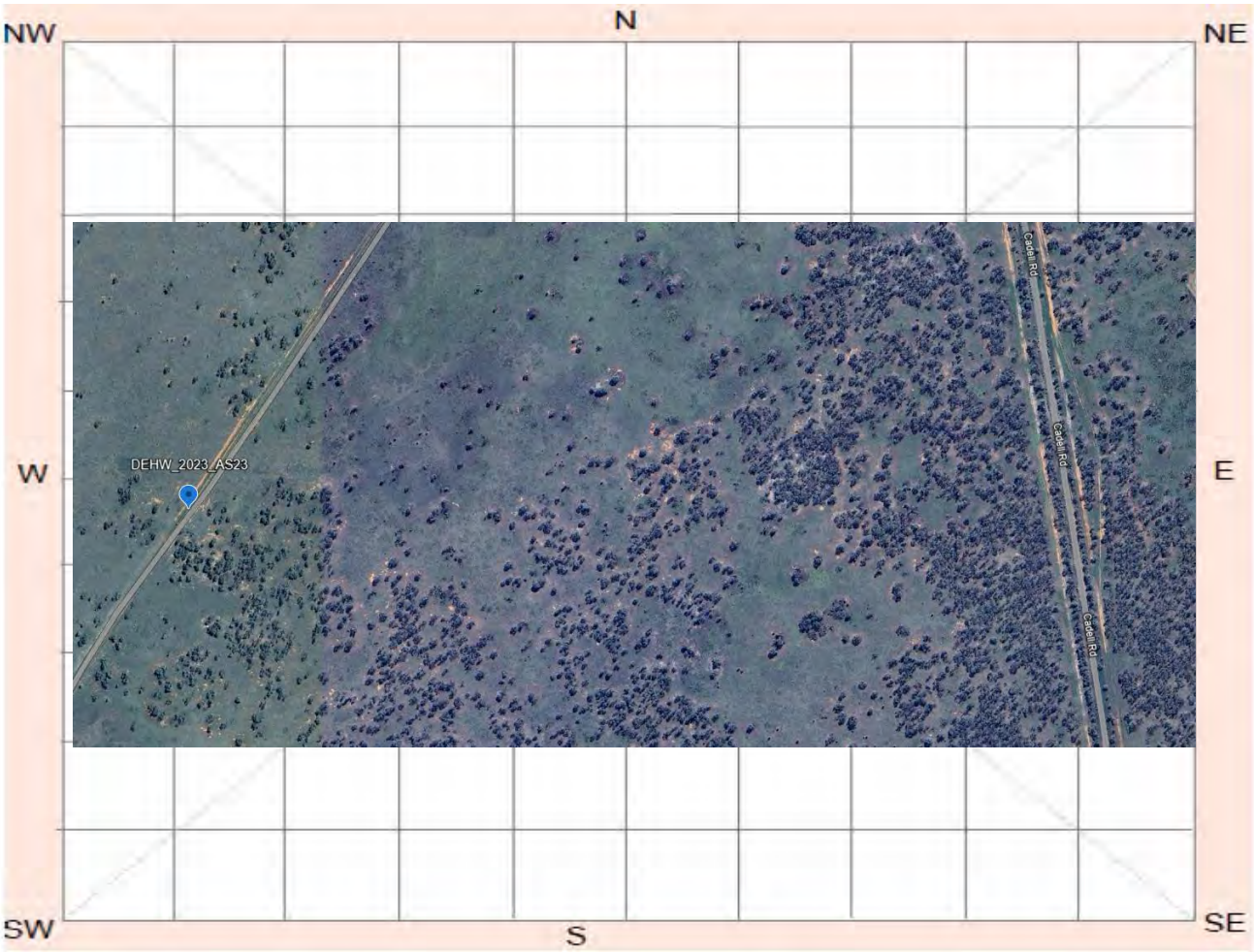
Land Form Unit: Levee **Vegetation:** Grasslands

Distance to Water (m): 1500 **Primary Report:** Dinawan Energy Hub Wind ACHA

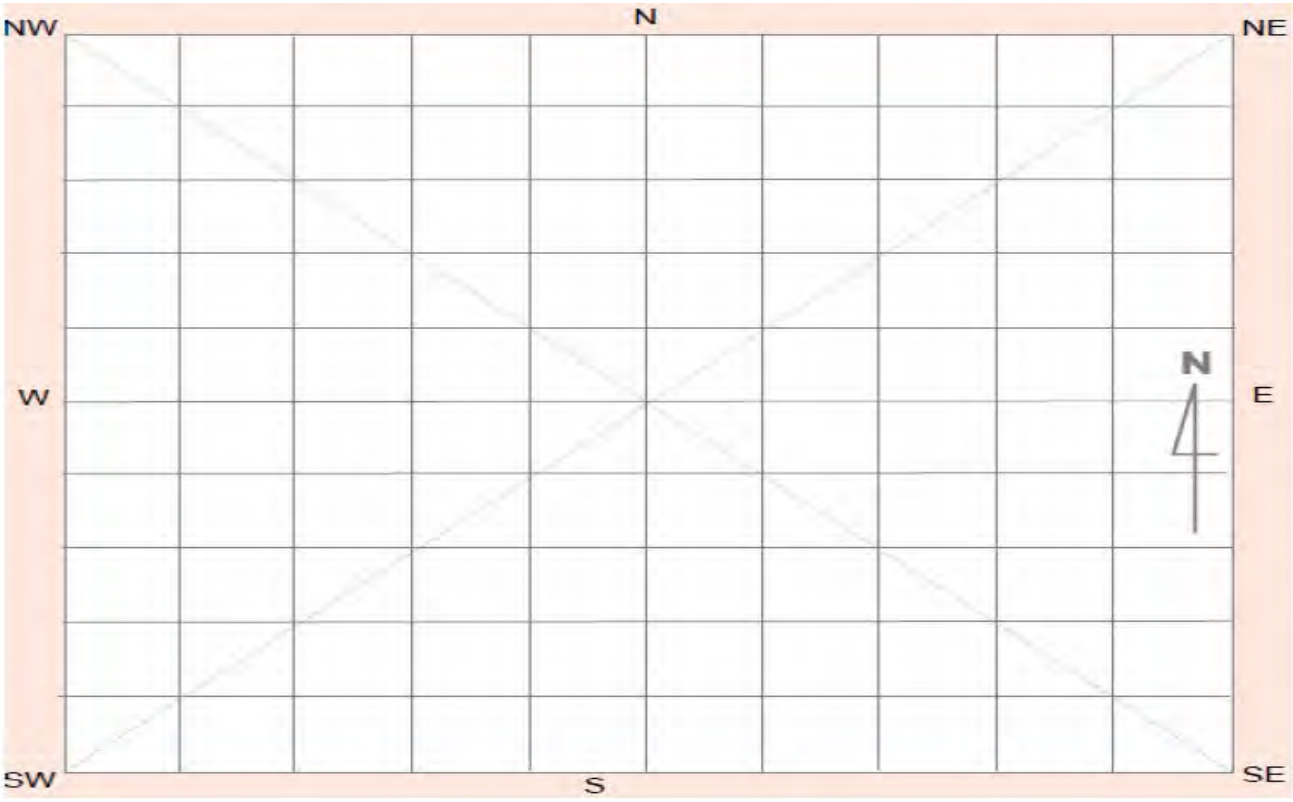
How to get to the site: Access site via Cadell Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	3	90	60				

Feature condition: Disturbed

Description:

One silcrete core with coretex (n=1) with two quartz (n=2) flakes identified on vehicle track next to canal.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

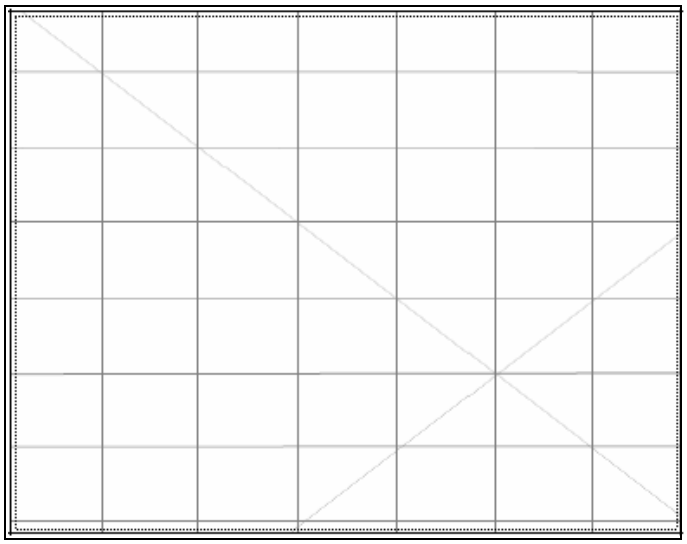
Site photographs



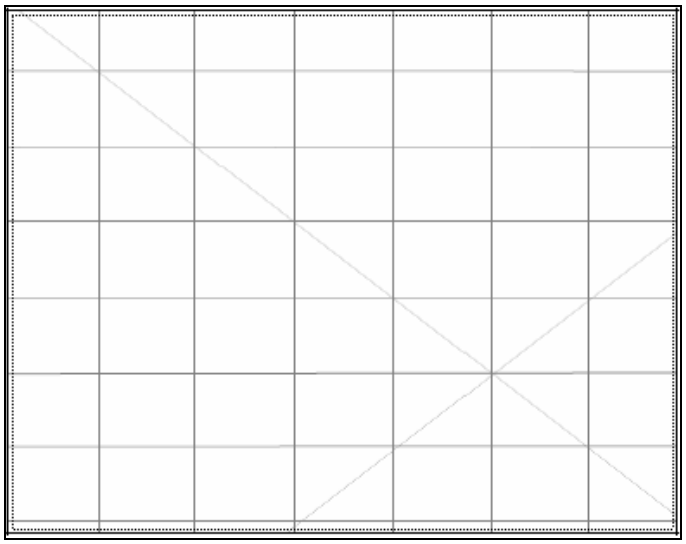
Description: Detailed close up of silcrete core.



Description: Location of flake and condition of surrounding landscape, View north-west.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0158 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS24

Easting: 374866 **Northing:** 6122309 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

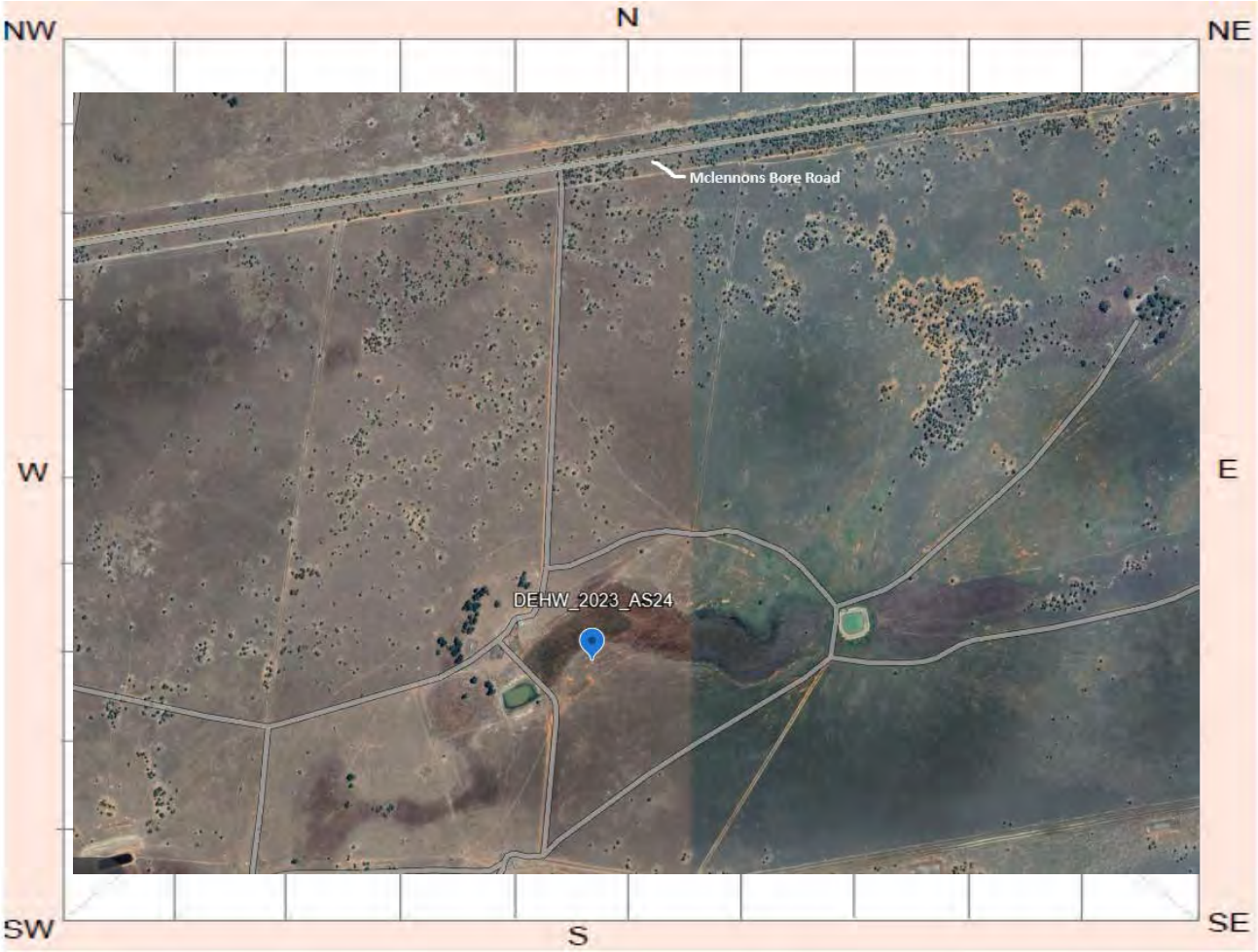
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 150 **Primary Report:** Dinawan Energy Hub Wind ACHA

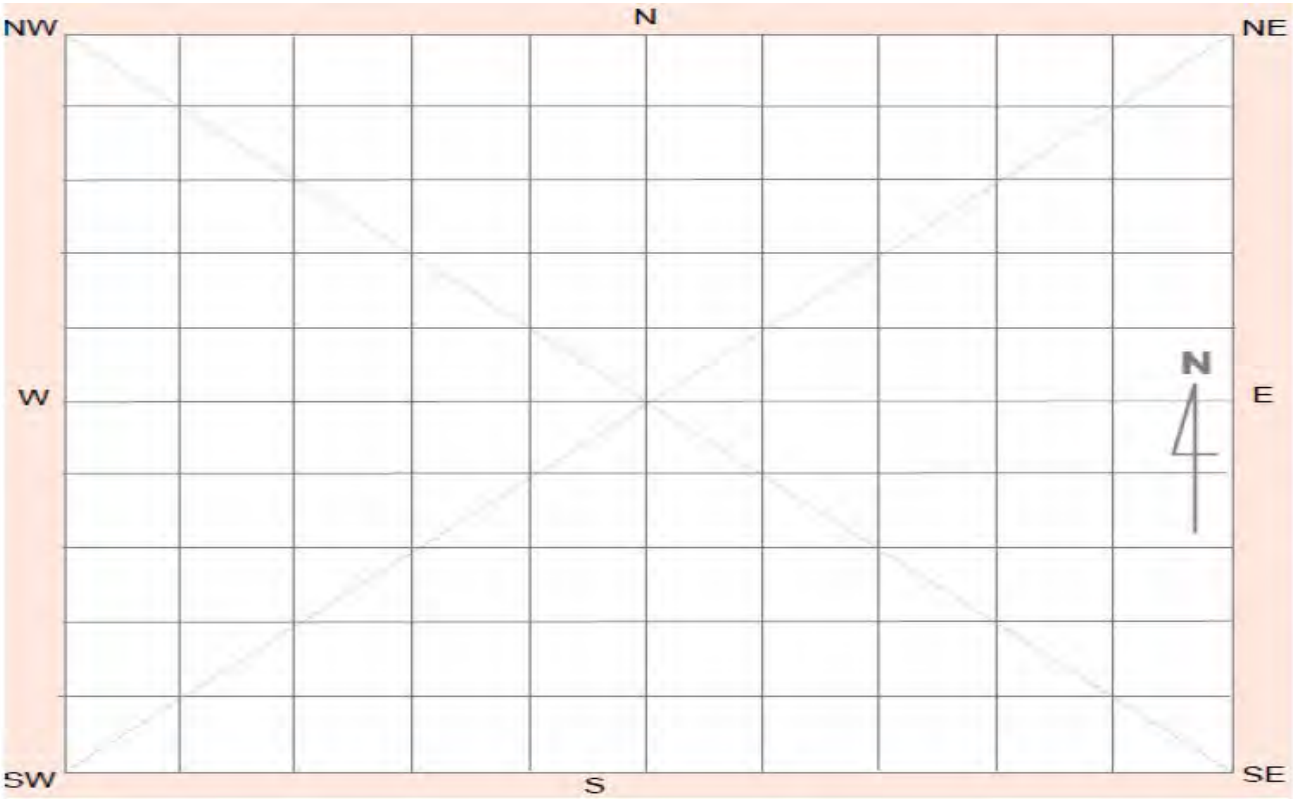
How to get to the site: Access site via Mclennons Bore Road.

Other site information: Definite artefacts were identified on a sheet wash exposure to the south-west and scald exposure to north-east.

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	24	320	110				

Feature condition: Disturbed

Description:

Ten definite flake artefacts identified comprising four silcrete, two chert, two quartz, a crystal quartz flake and a basalt flake. Several potential quartz flakes (n=14) and tentative flakes were identified, with one quartz flake located on a scald exposure in proximity to an ephemeral watercourse, and two tentative grinding stones. A potential anvil and grinding stone was also identified.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Feature condition:

Description:

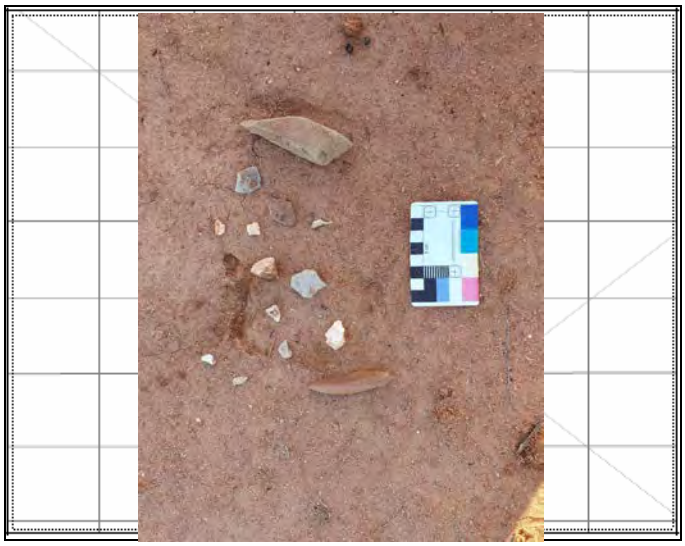
Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Detailed close up of silcrete and quartz flakes.



Description: Location of flakes and condition of surrounding landscape. View north-east.



Description: Detailed close up of quartz flakes.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0263 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS25

Easting: 360951 **Northing:** 6133756 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

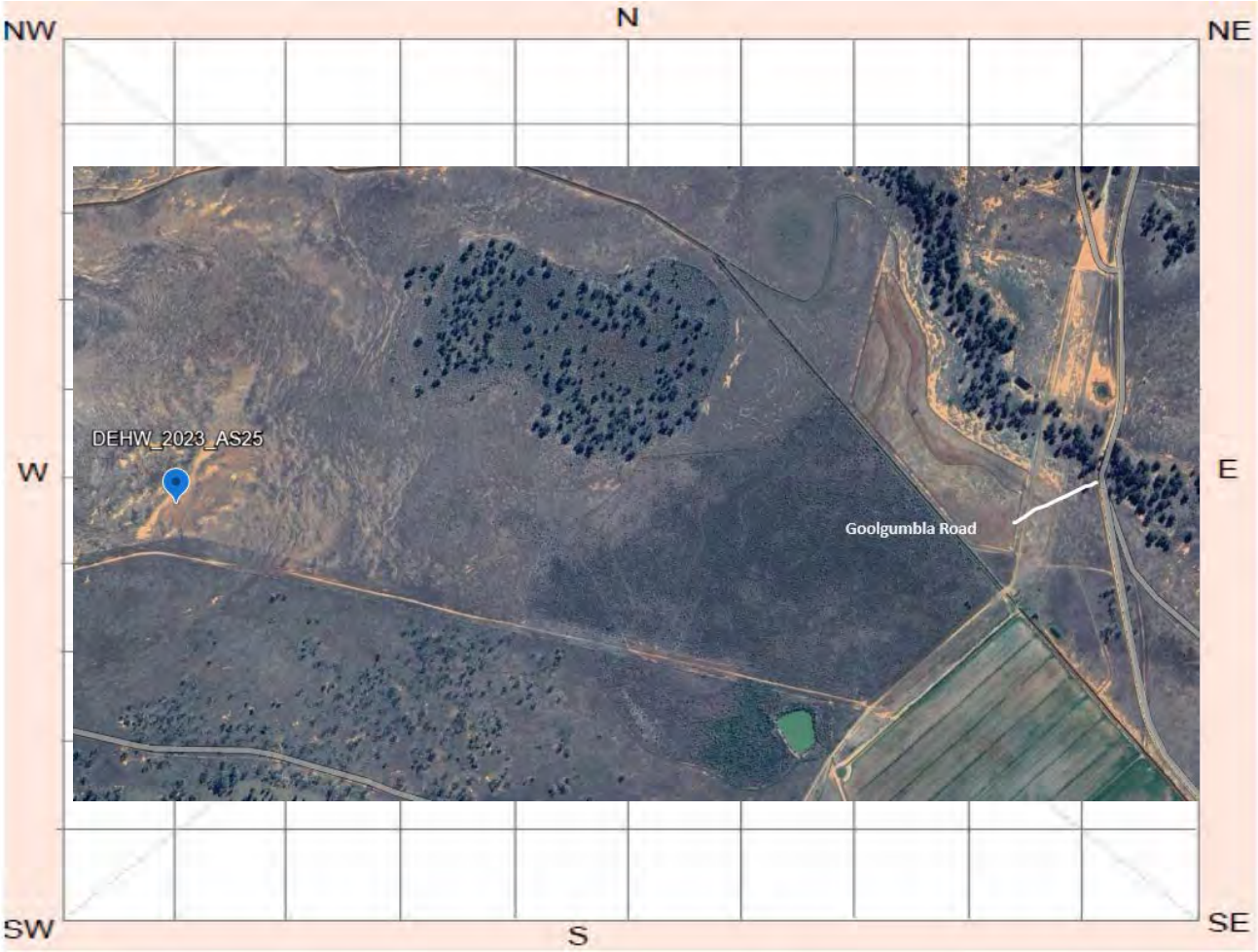
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 550 **Primary Report:** Dinawan Energy Hub Wind ACHA

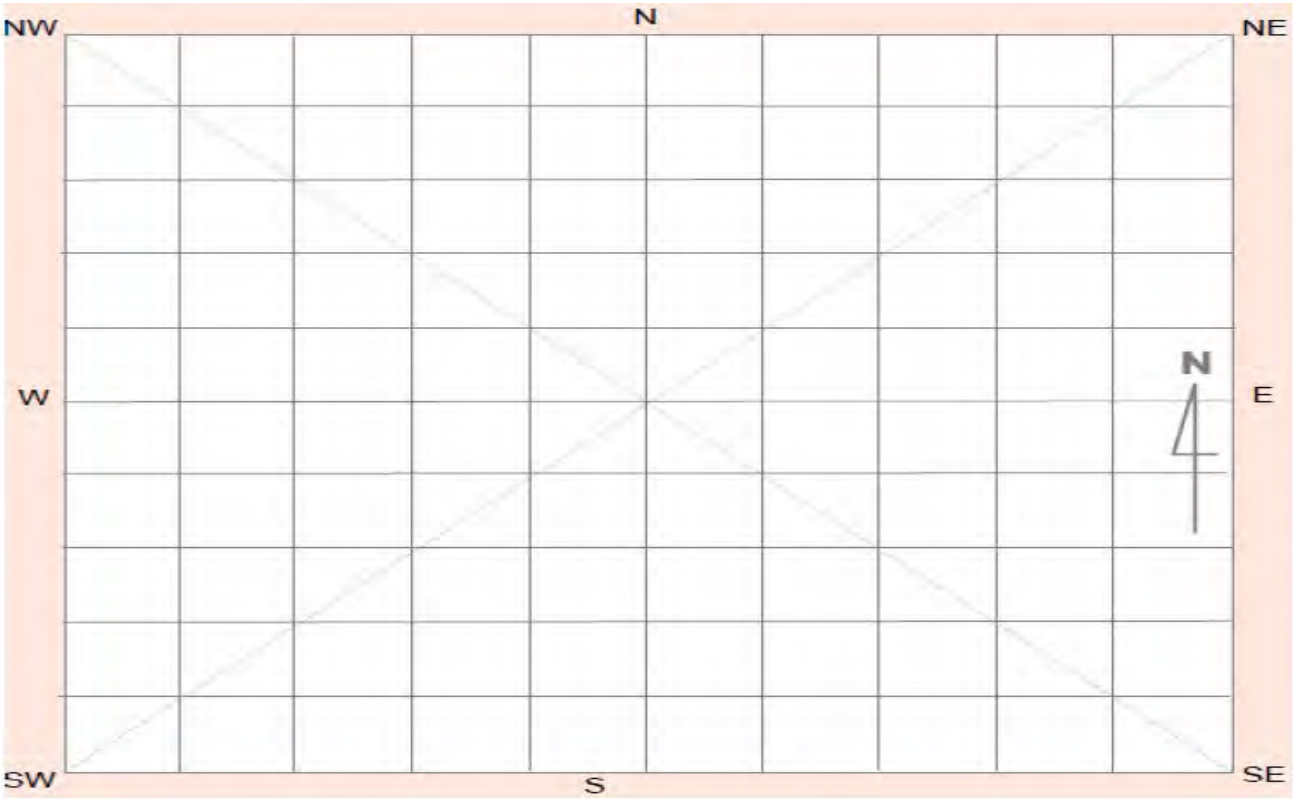
How to get to the site: Access via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	2	70	60				

Feature condition: Erosion

Description:

Quartz flake (n=1) and silcrete flake (n=1) located on erosion exposure on the eastern side of gilgai.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

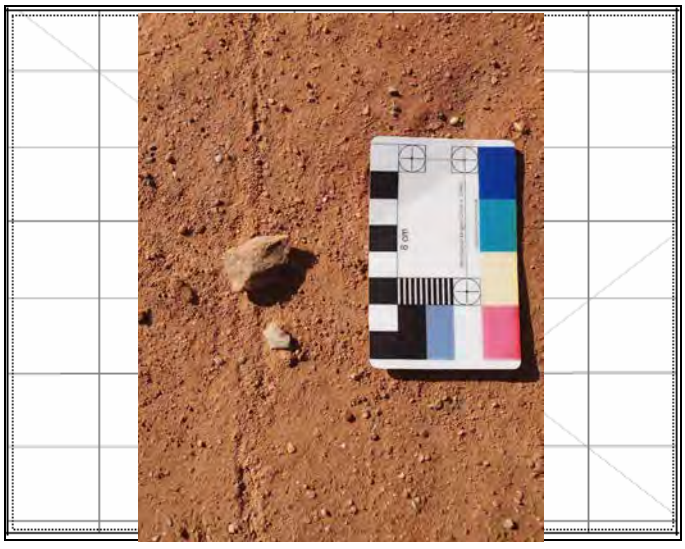
Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

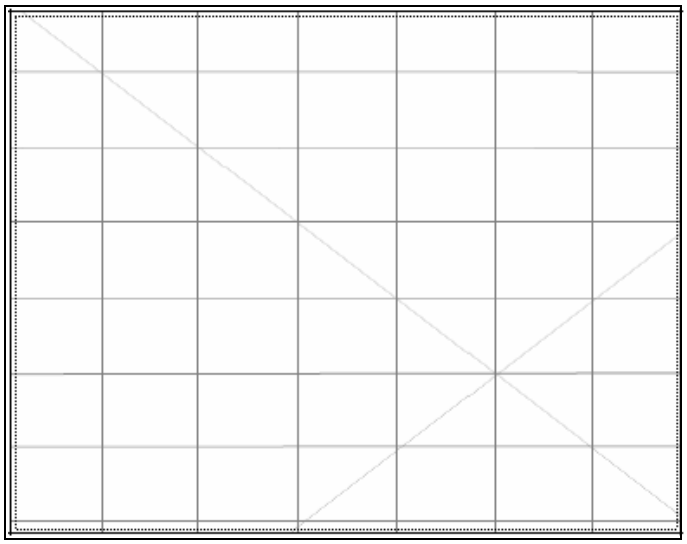
Site photographs



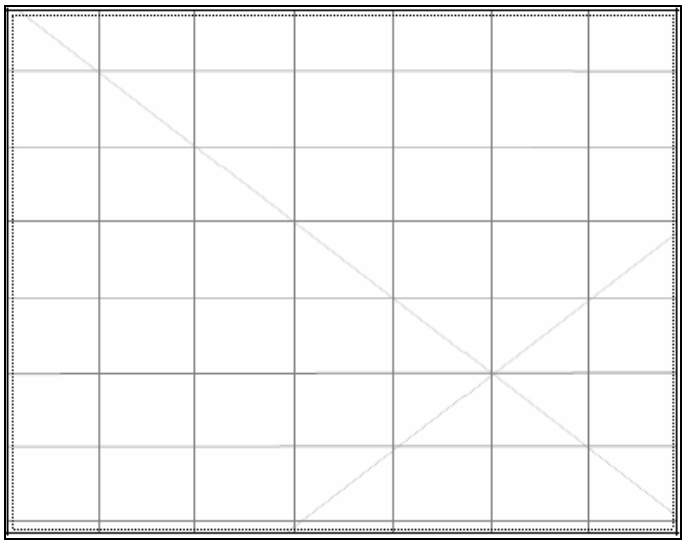
Description: Detailed close up of silcrete and quartz flake.



Description: Site location and condition of surrounding landscape. View north-east.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0262 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-AS26

Easting: 359945 **Northing:** 6138803 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 30 **Primary Report:** Dinawan Energy Hub Wind ACHA

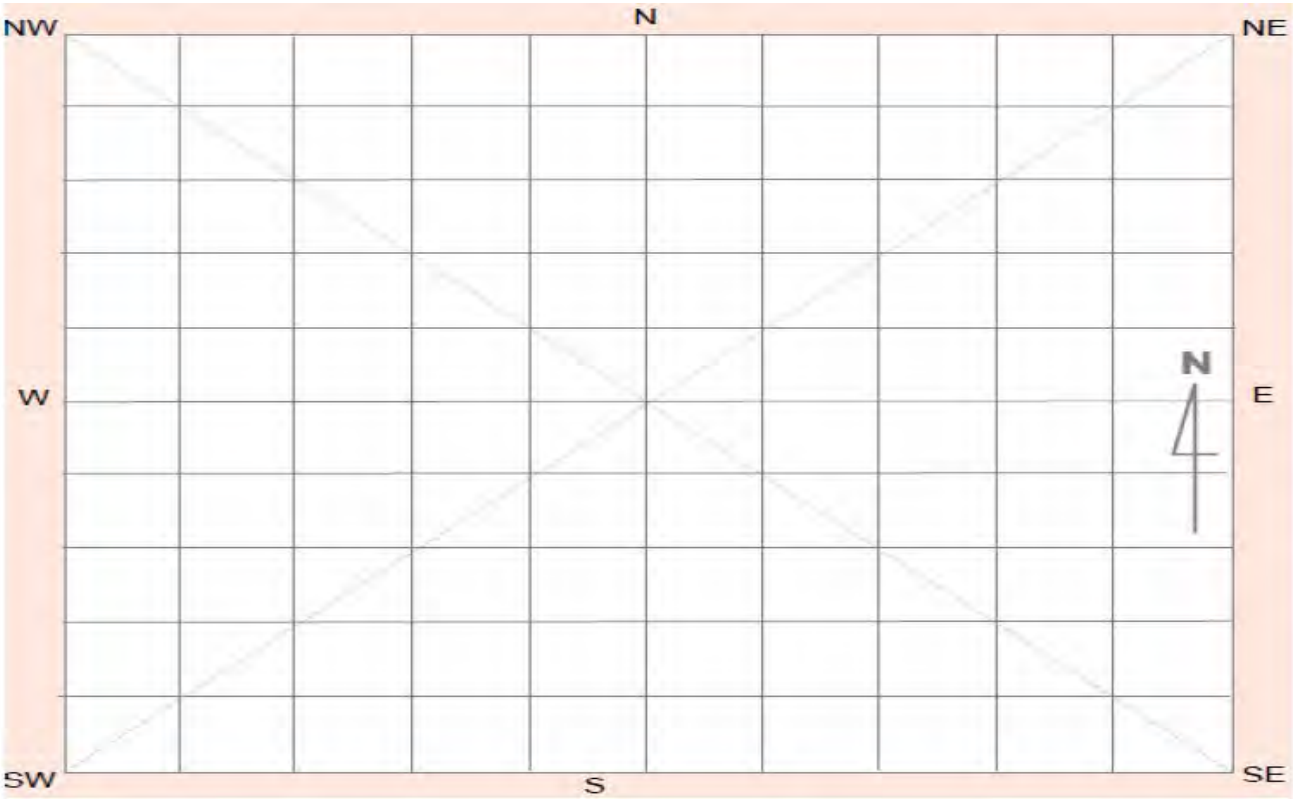
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	11	140	30				

Feature condition: Disturbed

Description:

Quartz flakes (n=2), silcrete flakes (n=5) with one showing signs of retouch. Three tentative quartzite flakes (n=3) and one (n=1) highly tentative grinding stone fragment.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

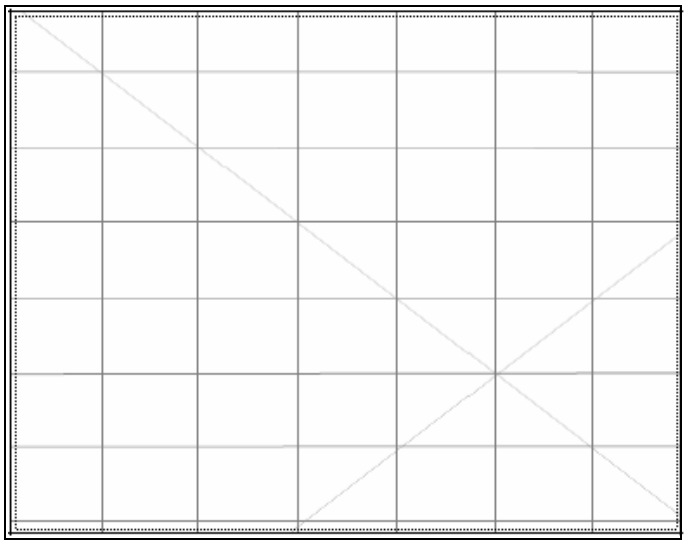
Site photographs



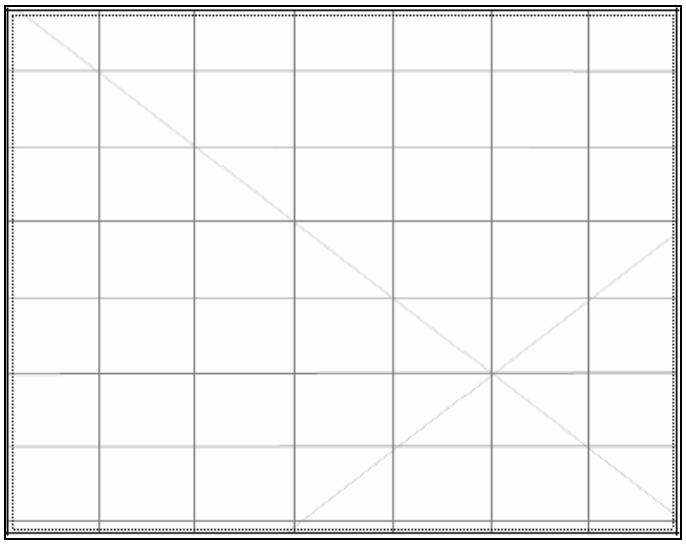
Description: Detailed close up of quartz flakes.



Description: Site location and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0157 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ASPAD1

Easting: 375315 **Northing:** 6119392 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

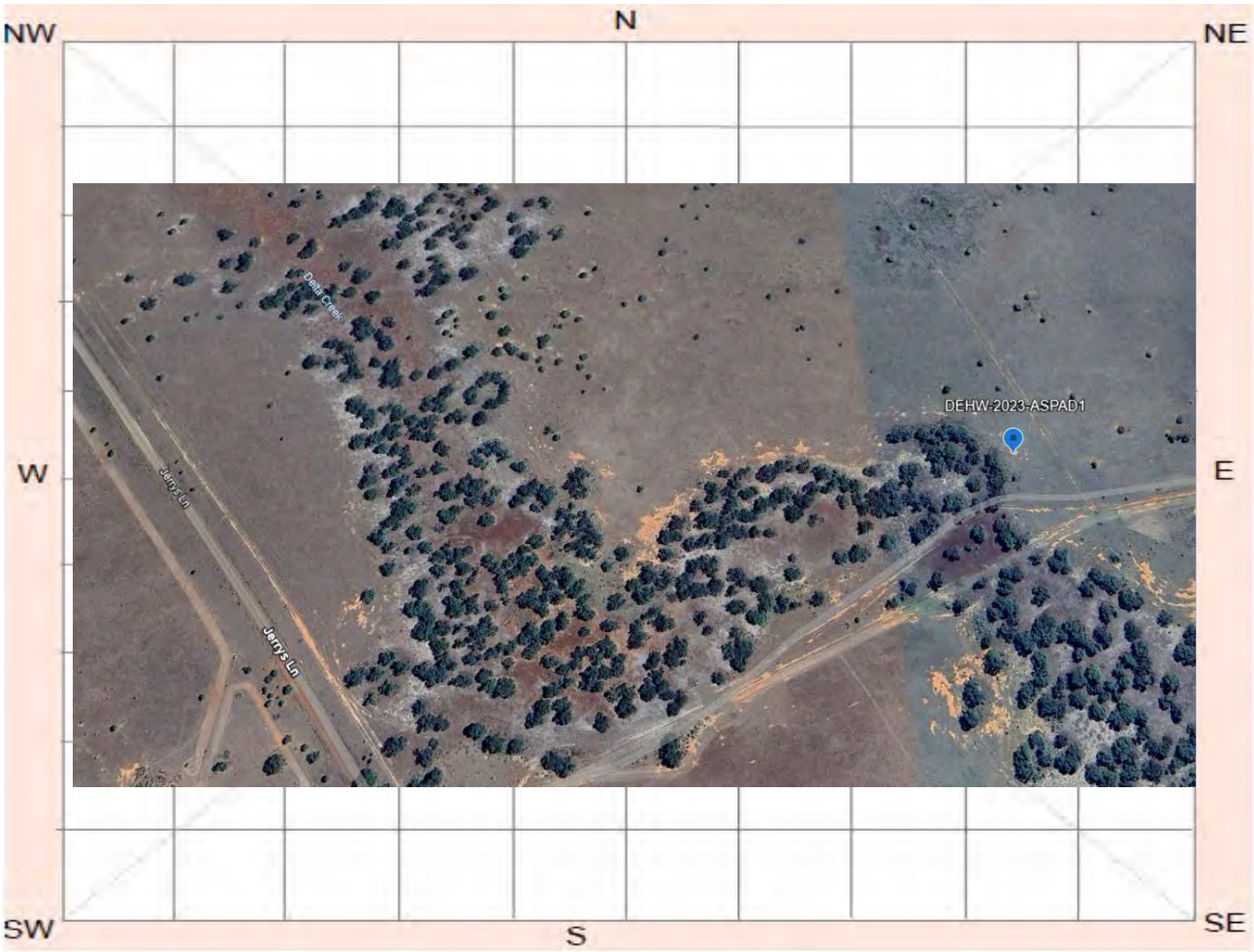
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 20 **Primary Report:** Dinawan Energy Hub Wind ACHA

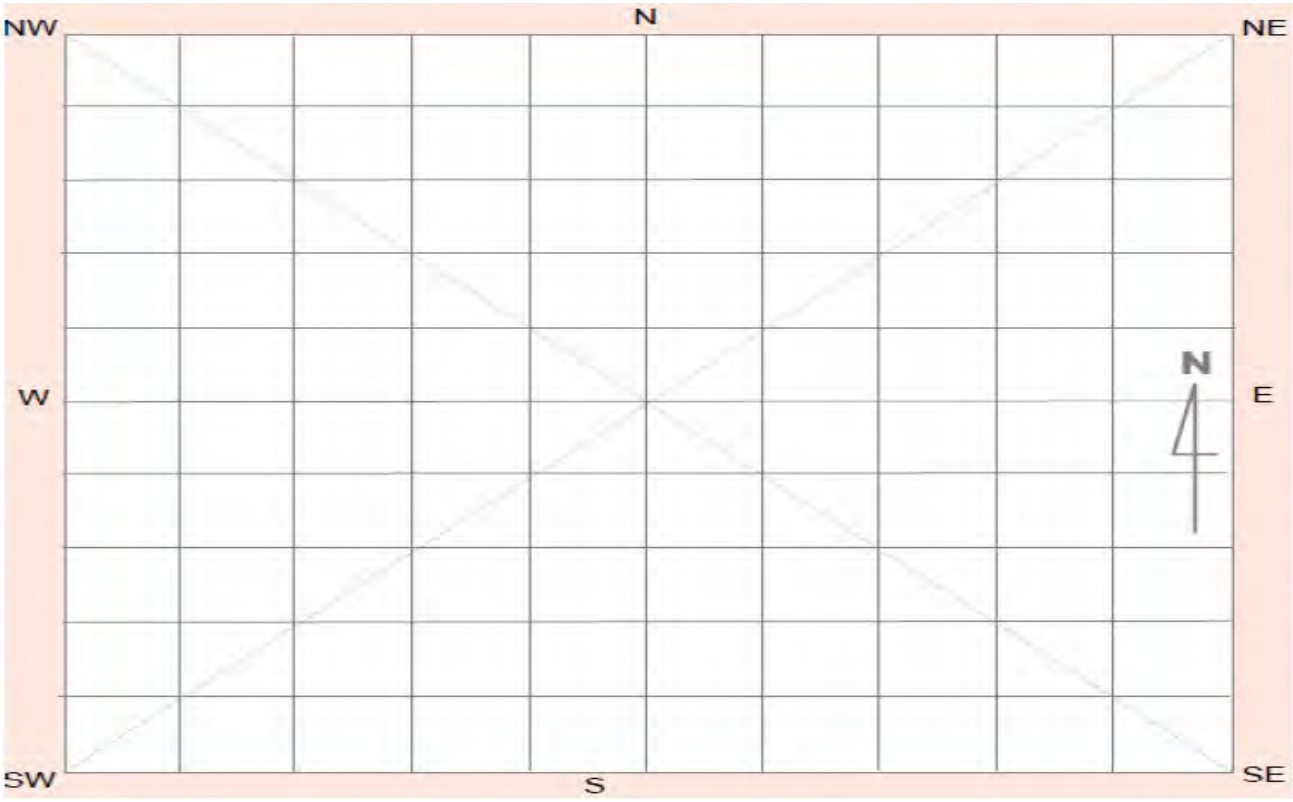
How to get to the site: Access site via Jerry's Lane.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	11	100	100				

Feature condition: Disturbed

Description:

Artefact scatter comprising silcrete flakes (n=10) and an IMT/Volcanic flake (n=1), located in close proximity to an ephemeral 1st order watercourse situated on a scald exposure. Associated with PAD. The site is considered to be moderately disturbed as a result of farming and possible irrigation.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Potential Archaeological Deposit		100	100				

Feature condition: Disturbed

Description:

PAD identified, associated with artefact scatter comprising silcrete flakes (n=10) and an IMT/Volcanic flake (n=1), located in close proximity to an ephemeral 1st order watercourse situated on a scald exposure. The site is considered to be moderately disturbed as a result of farming and possible irrigation.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

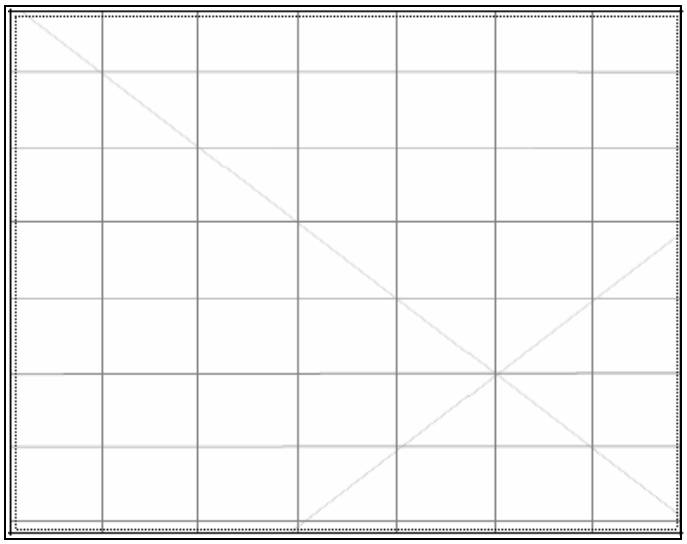
Site photographs



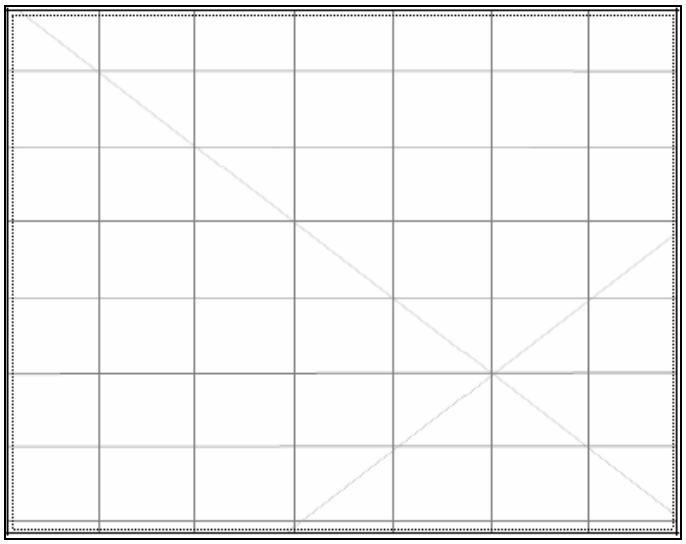
Description: Detailed close up of silcrete flakes and IMT/Volcanic flake.



Description: Location of site and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0156 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ASPAD2

Easting: 378317 **Northing:** 6125882 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

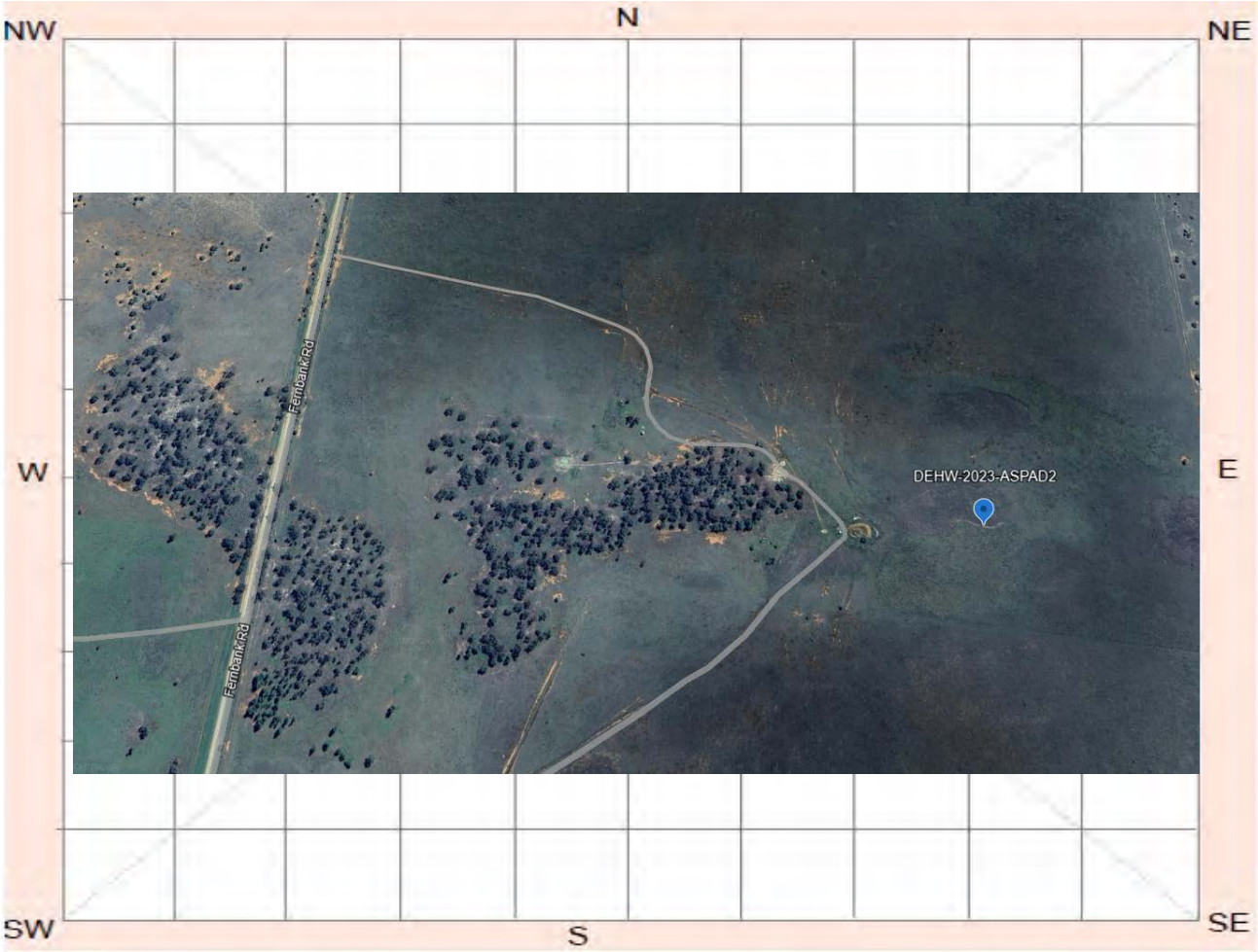
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 2500 **Primary Report:** Dinawan Energy Hub Wind ACHA

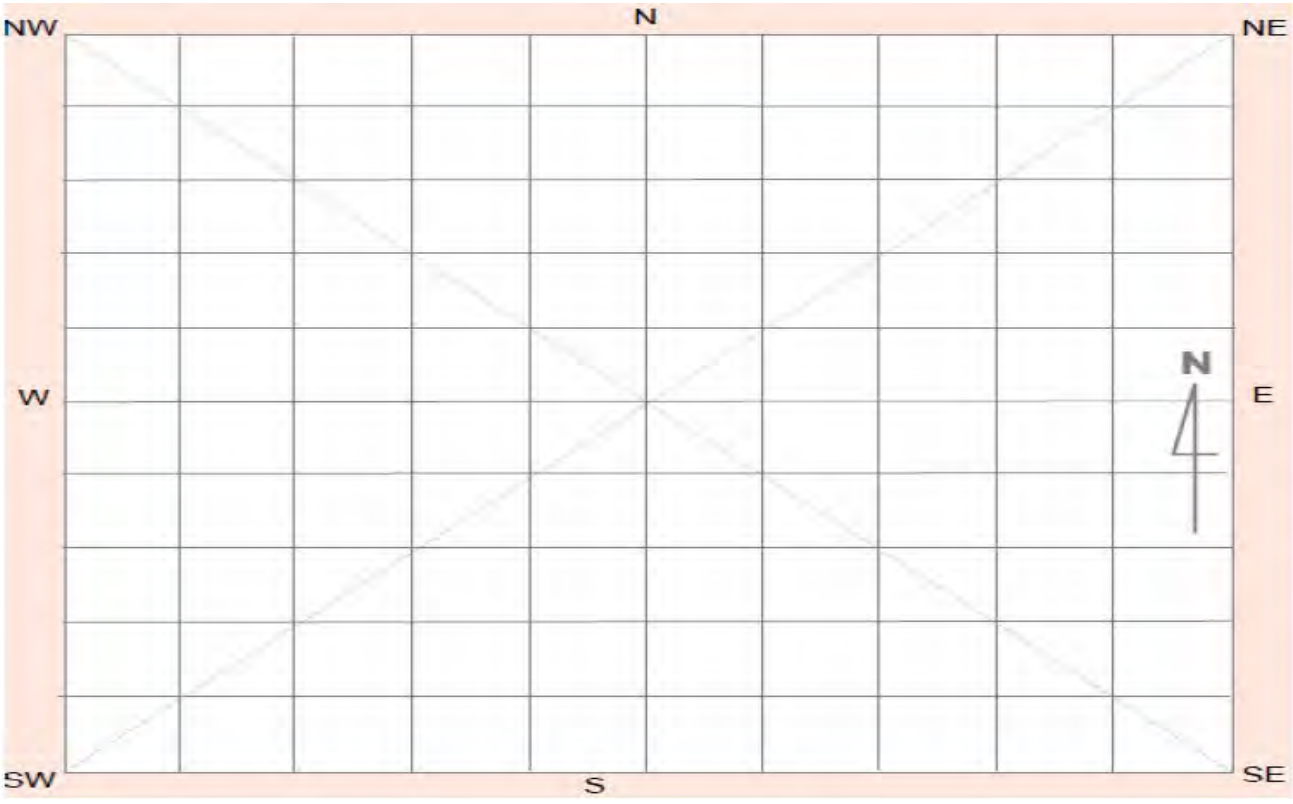
How to get to the site: Access site via Fernbank Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	26	220	115				

Feature condition: Disturbed

Description:

Artefact scatter comprising silcrete flakes (n=18), quartz flakes (n=3) and a sandstone flake (n=1) exhibiting polished edges associated with PAD. Two possible grinding plate fragments (n=2) were identified with two tentative basalt flakes. Located on scald exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Potential Archaeological Deposit		220	115				

Feature condition: Disturbed

Description:

PAD identified, associated with Artefact scatter comprising silcrete flakes (n=18), quartz flakes (n=3) and a sandstone flake (n=1) exhibiting polished edges. Two possible grinding plate fragments (n=2) were identified with two tentative basalt flakes. Located on scald exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

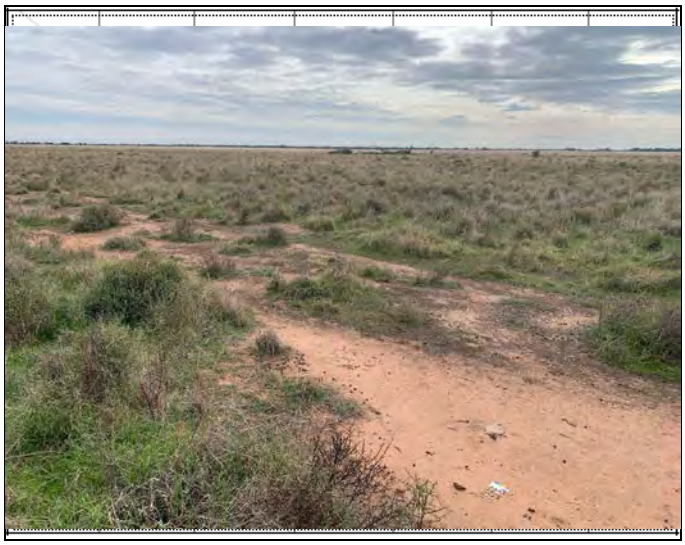
Feature condition:

Description:

Site photographs



Description: Detailed close up of silcrete and quartz flakes.



Description: Site location and condition of surrounding landscape. View north.



Description: Detailed close up of sandstone artefacts, tentative grinding plate and polished flake.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0155 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ASPAD3

Easting: 377809 **Northing:** 6126139 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 1600 **Primary Report:** Dinawan Energy Hub Wind ACHA

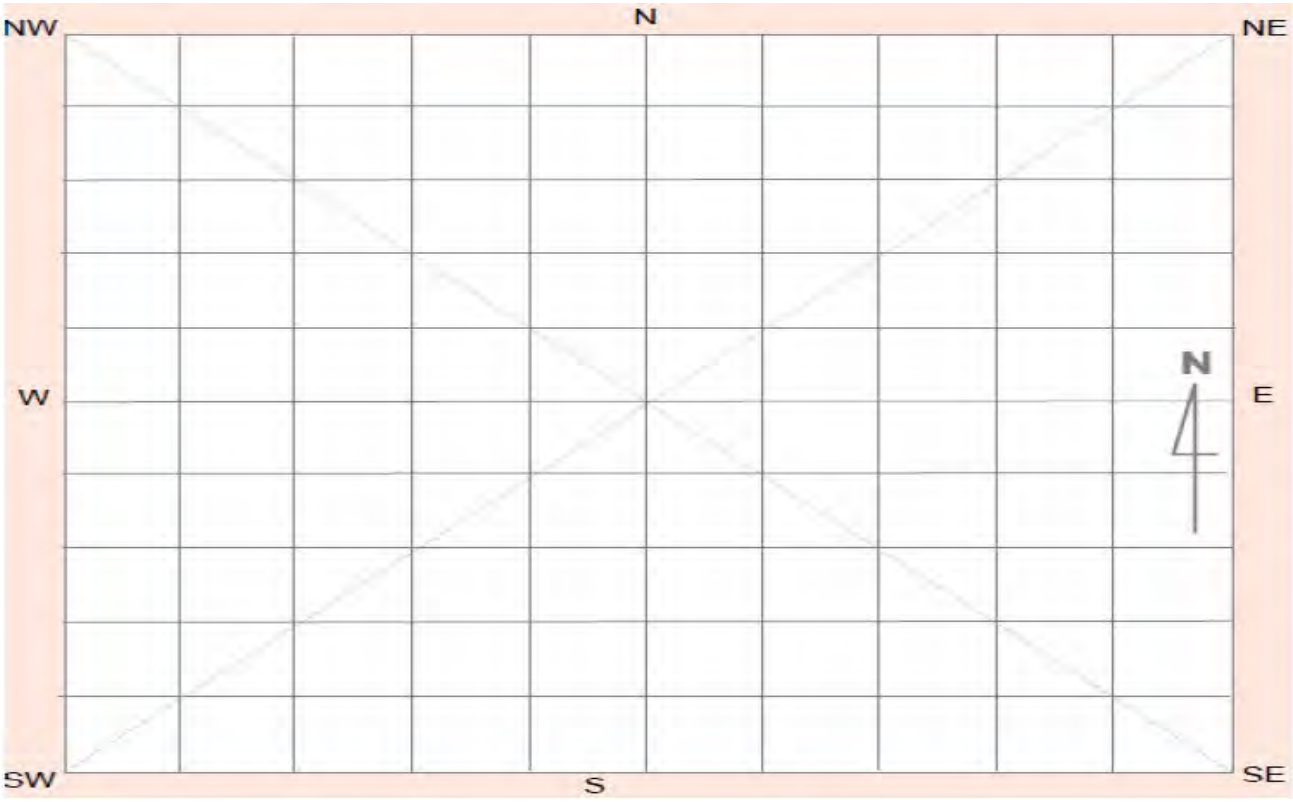
How to get to the site: Access site via Fernbank Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	12	500	50				

Feature condition: Disturbed

Description:

Artefact scatter comprising one quartz core (n=1), silcrete flakes (n=9) associated with PAD. Six of these comprised of poor quality red and yellow silcrete and one grey flake showing signs of Bondi retouch, and red quartzite flakes (n=2). Located on an access track.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Potential Archaeological Deposit		500	50				

Feature condition: Disturbed

Description:

PAD identified, associated with artefact scatter comprising one quartz core (n=1), silcrete flakes (n=9), with six of these comprising poor quality red and yellow silcrete and one grey flake showing signs of Bondi retouch, and red quartzite flakes (n=2). Located on an access track.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

Site photographs



Description: Detailed close up of silcrete and red quartzite flakes.



Description: Site location and condition of surrounding landscape.



Description: Detailed close up of quartz core.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0154 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ASPAD4

Easting: 377727 **Northing:** 6125072 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 1600 **Primary Report:** Dinawan Energy Hub Wind ACHA

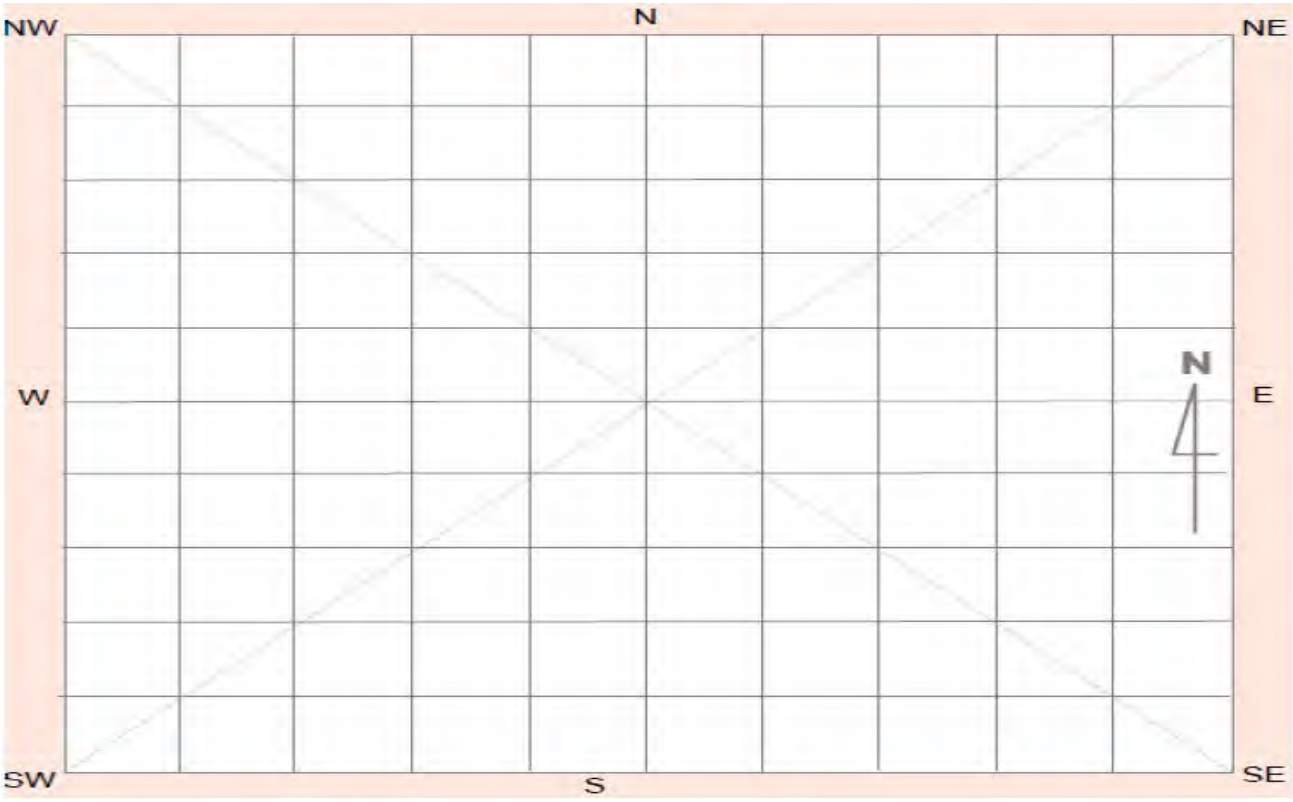
How to get to the site: Access site via Fernbank Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	70	360	200				

Feature condition: Disturbed

Description:

Artefact scatter comprising approx. 70+ artefacts located comprising silcrete flakes (n=~50), quartz flakes (n=~10). Three tentative volcanic flakes. Multiple flakes display signs of retouch. Additionally, four clay balls (n=4) blue silcrete core (n=1), quartzite multi-platform core (n=1) and one grinding stone fragment (n=1) were identified. Associated with PAD and located on a scald on lunette.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Potential Archaeological Deposit		360	200				

Feature condition: Disturbed

Description:

PAD identified, associated with artefact scatter with approx. 70+ artefacts located comprising silcrete flakes (n=~50), quartz flakes (n=~10) on a scald exposure on lunette. Three tentative volcanic flakes. Multiple flakes display signs of retouch. Additionally, four clay balls (n=4) blue silcrete core (n=1), quartzite multi-platform core (n=1) and one grinding stone fragment (n=1) were identified

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

Site photographs



Description: Detailed close up of silcrete and quartz flakes.



Description: Detailed close up of multi-platform quartzite core.



Description: Detailed close up of blue silcrete core.



Description: Site location and condition of surrounding landscape. View north.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0153 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ASPAD5

Easting: 383449 **Northing:** 6122839 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

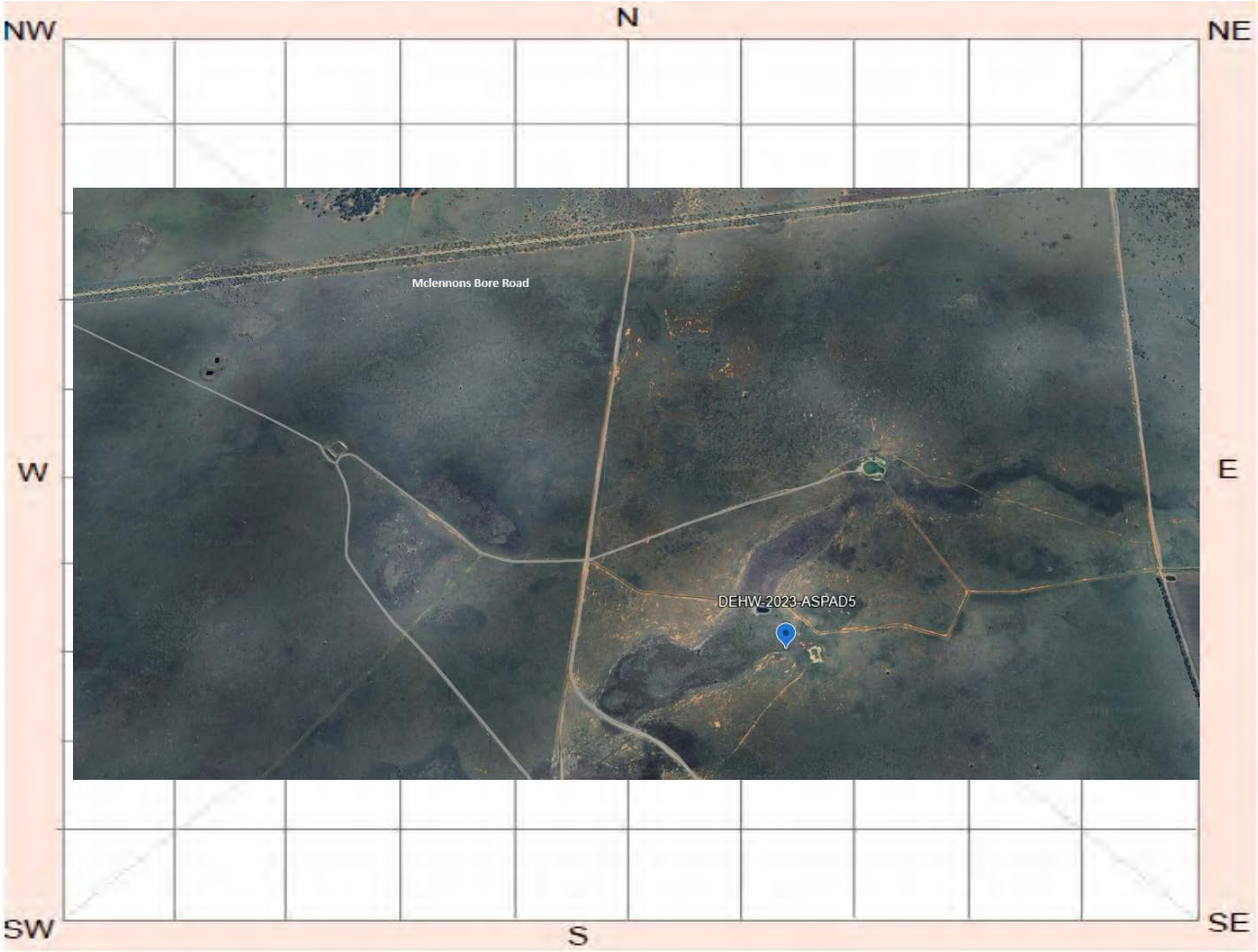
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 70 **Primary Report:** Dinawan Energy Hub Wind ACHA

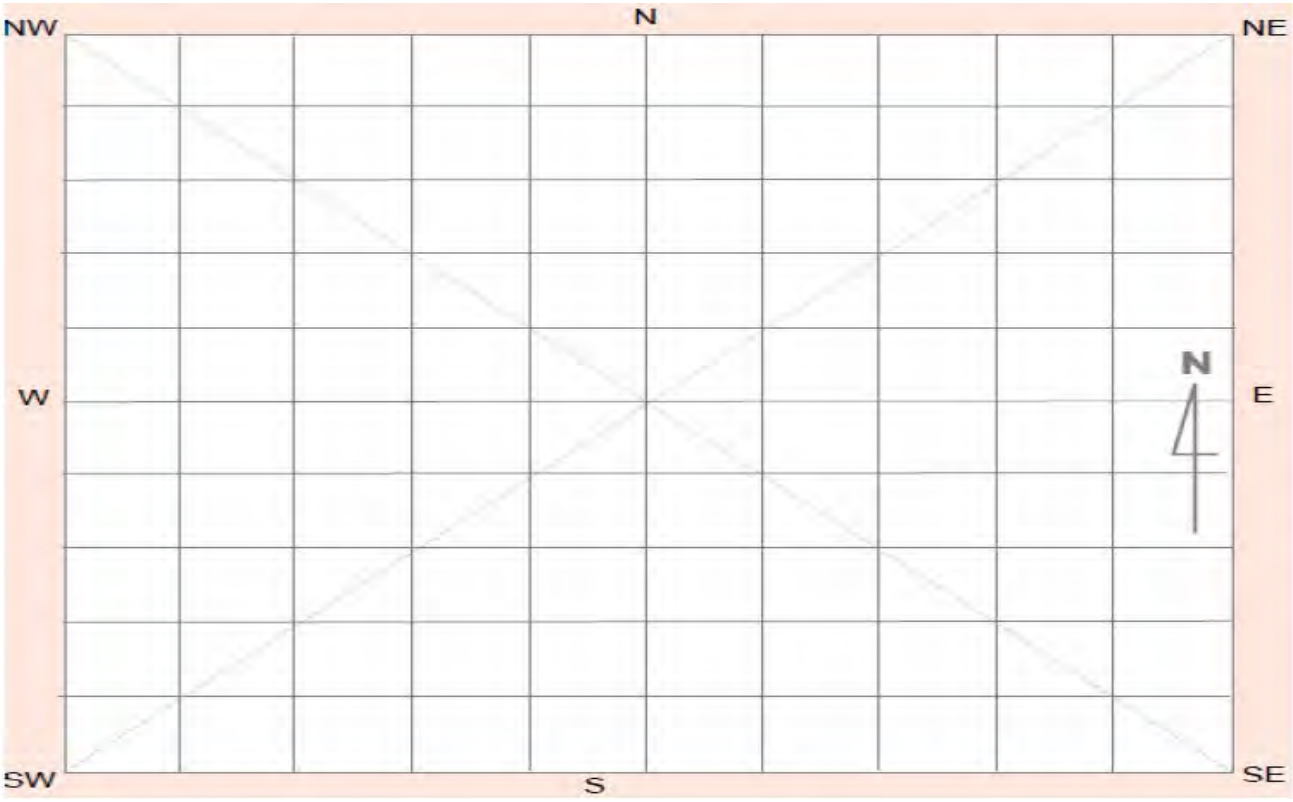
How to get to the site: Access site via Mclennons Bore Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	10	200	150				

Feature condition: Disturbed

Description:

Artefact scatter comprising of one sandstone multi-purpose tool (Quandong stone/anvil) (n=1), quartz flakes (n=7), chert flake (n=1) with one tentative basalt/sandstone grinding stone fragment. Associated with PAD and hearth. Located on scald exposure parallel to a 1st order watercourse.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	1	200	150				

Feature condition: Erosion

Description:

One eroded hearth, associated with PAD and artefact scatter comprising of one sandstone multi-purpose tool (Quandong stone/anvil) (n=1), quartz flakes (n=7), chert flake (n=1) with one tentative basalt/sandstone grinding stone fragment.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.	Potential Archaeological Deposit		200	150				

Feature condition: Disturbed

Description:

PAD identified associated with hearth and artefact scatter comprising of one sandstone multi-purpose tool (Quandong stone/anvil) (n=1), quartz flakes (n=7), chert flake (n=1) with one tentative basalt/sandstone grinding stone fragment.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

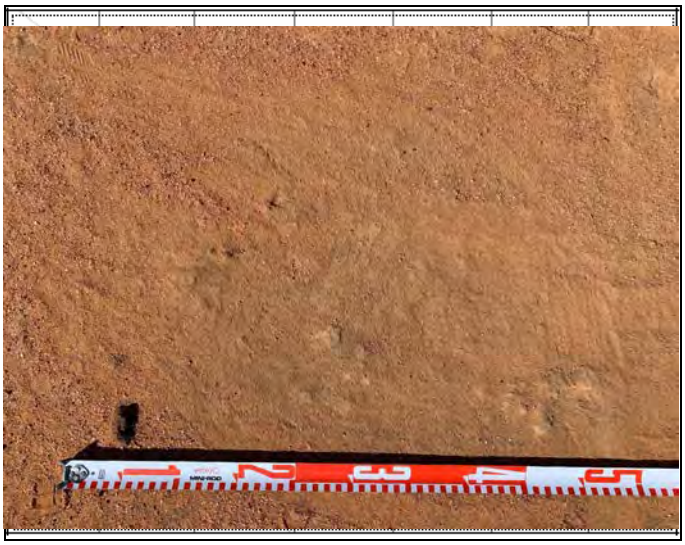
Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Detailed close up of hearth measuring width.



Description: Detailed close up of grinding plate.



Description: Site location and condition of surrounding landscape. View north.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0261 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ASPAD6

Easting: 355574 **Northing:** 6126915 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Floodplain **Land Use:** Pastoral/Grazing

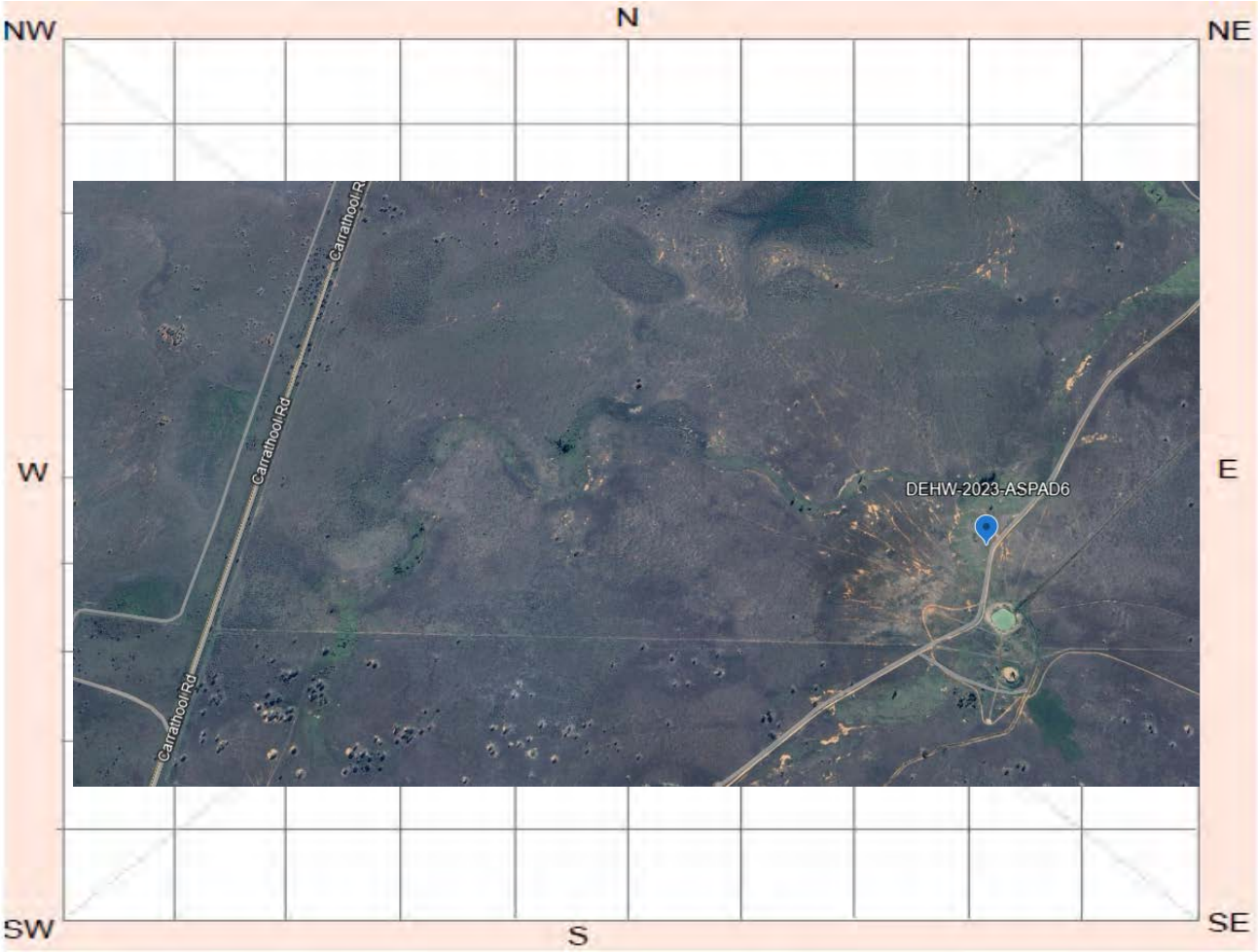
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 100 **Primary Report:** Dinawan Energy Hub Wind ACHA

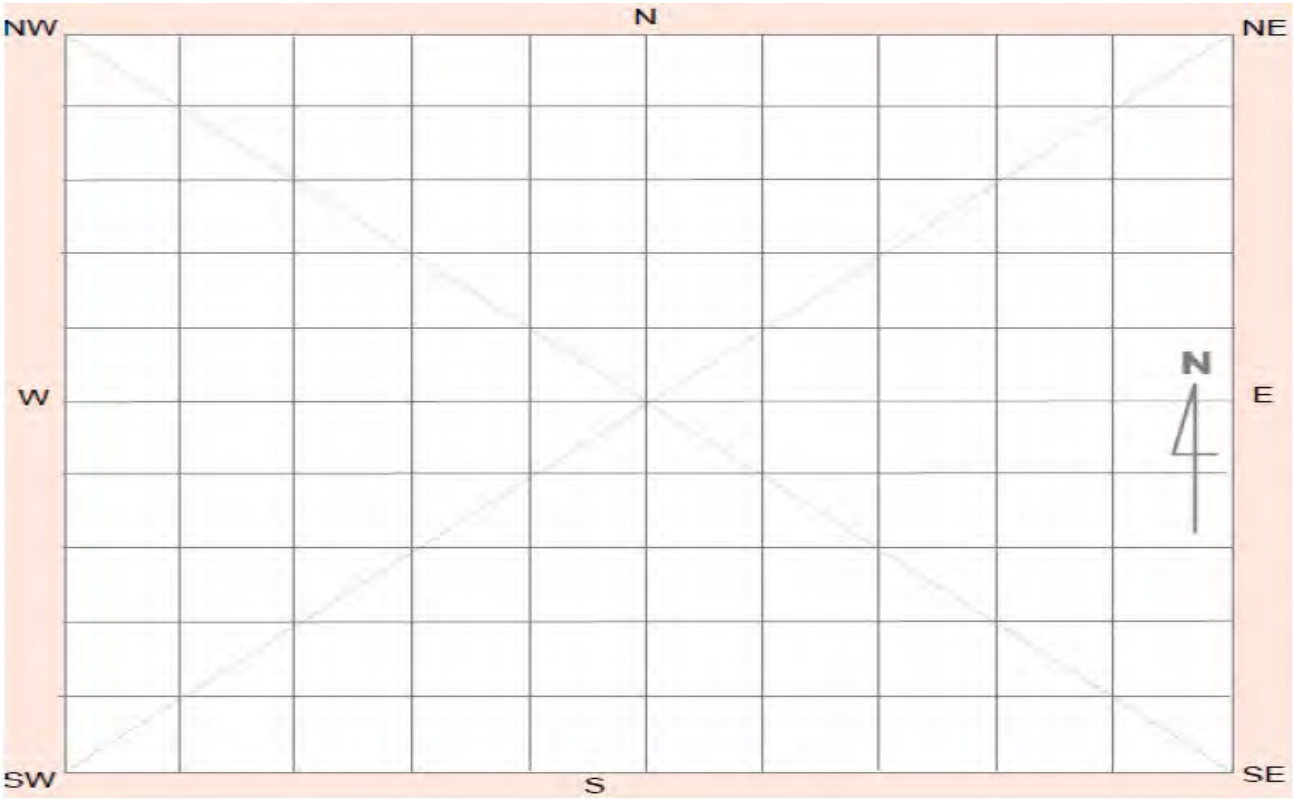
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1.	Artefact	3	350	250				

Feature condition: Disturbed

Description:

Artefact scatter comprising silcrete flakes (n=2), both with cortex recovered on vehicle track exposure and on a scald exposure, associated PAD. Several clay balls were found in proximity on scald, with tentative quartzite muller fragment (n=1) showing signs of grinding characteristics around the edge of the base located on vehicle track. Artefacts situated in close proximity to paleochannel.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.	Potential Archaeological Deposit		350	250				

Feature condition: Disturbed

Description:

PAD identified, associated with artefact scatter comprising silcrete flakes (n=2), both with cortex recovered on vehicle track exposure and on a scald exposure. Several clay balls were found in proximity on scald, with tentative quartzite muller fragment (n=1) showing signs of grinding characteristics around the edge of the base located on vehicle track. Artefacts situated in close

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

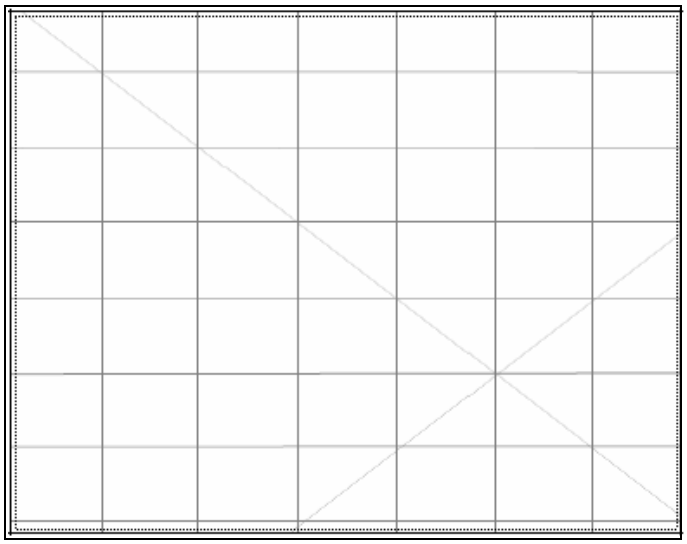
Site photographs



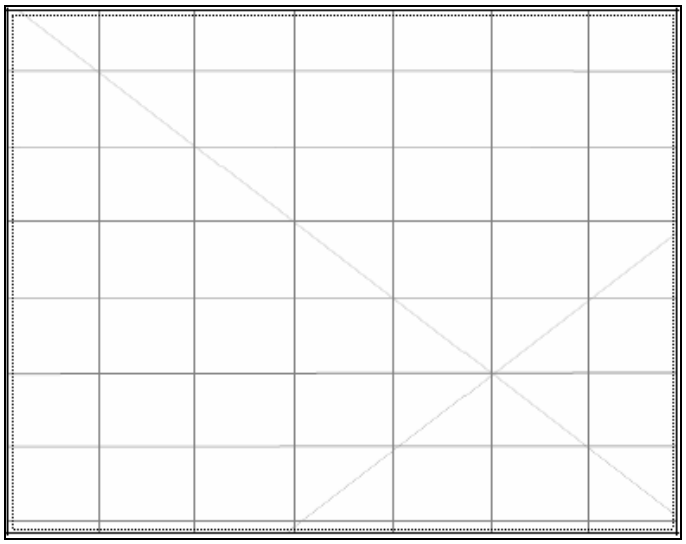
Description: Detailed close up of silcrete flake.



Description: Site location and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 54-3-0069 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ASPAD7

Easting: 356277 **Northing:** 6124054 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

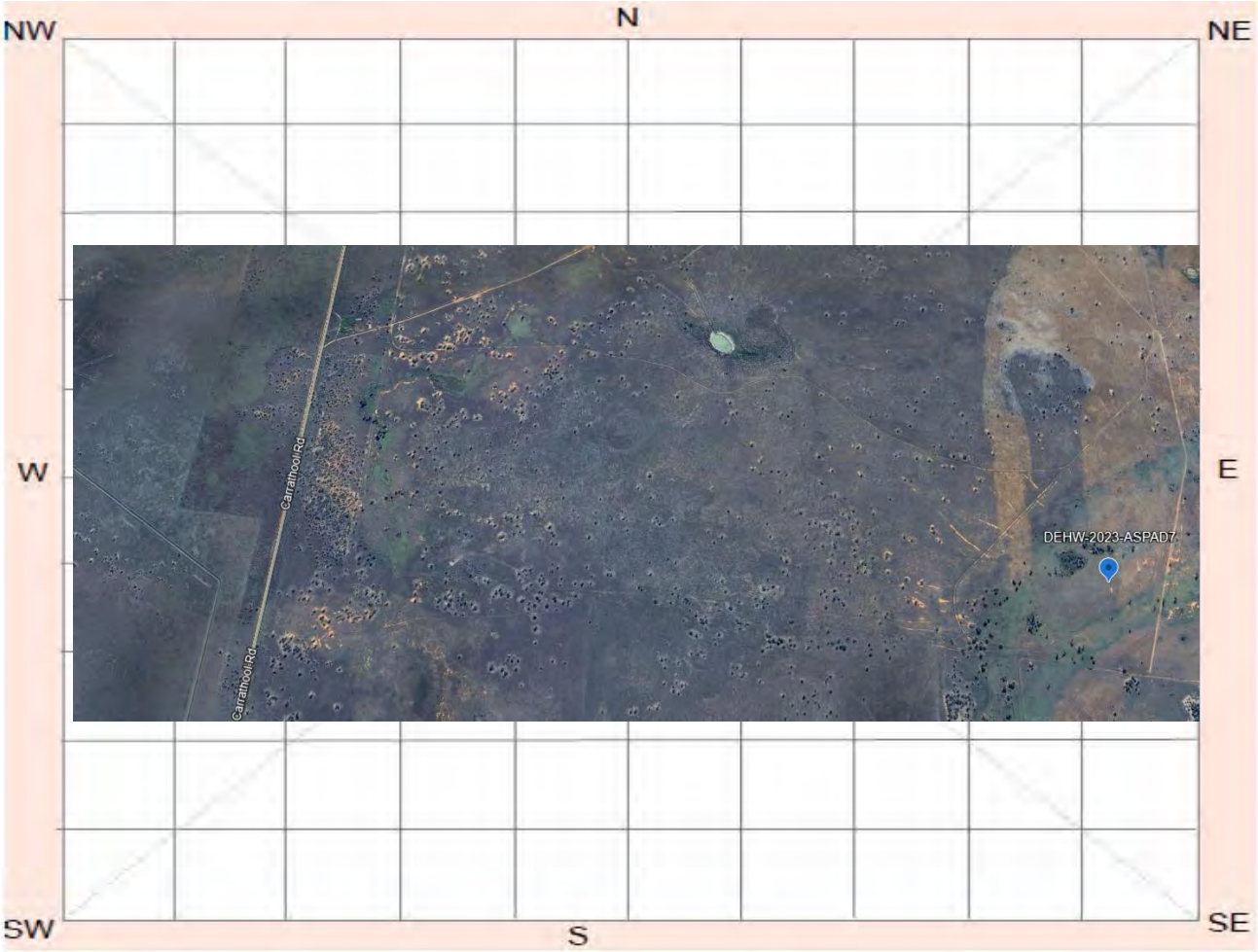
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 3400 **Primary Report:** Dinawan Energy Hub Wind ACHA

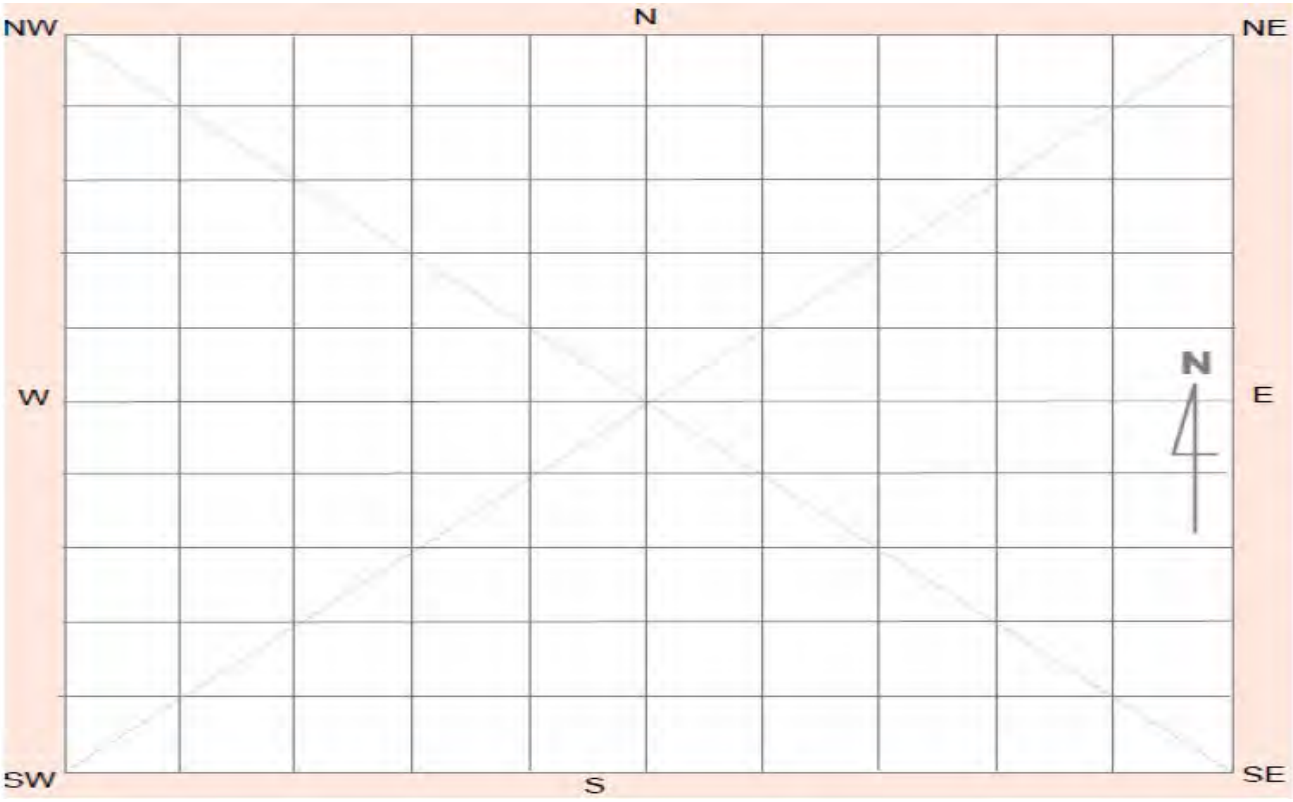
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	2	130	20				

Feature condition: Disturbed

Description:

Artefact scatter comprising quartz flakes (n=2), associated with PAD and a hearth with five clay balls identified in proximity, situated on a scald exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	1	130	20				

Feature condition: Disturbed

Description:

Hearth (n=1) identified on scald exposure with several clay balls located insitu

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.	Potential Archaeological Deposit		130	20				

Feature condition: Disturbed

Description:

PAD identified associated with artefact scatter comprising two quartz flakes and a hearth with five clay balls found insitu situated on a scald exposure.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Detailed close up of silcrete and chert flakes.



Description: Detailed close up of quartz flakes.



Description: Site location and condition of surrounding landscape. View east.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0152 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ASPAD8

Easting: 374101 **Northing:** 6121708 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Low Intensity

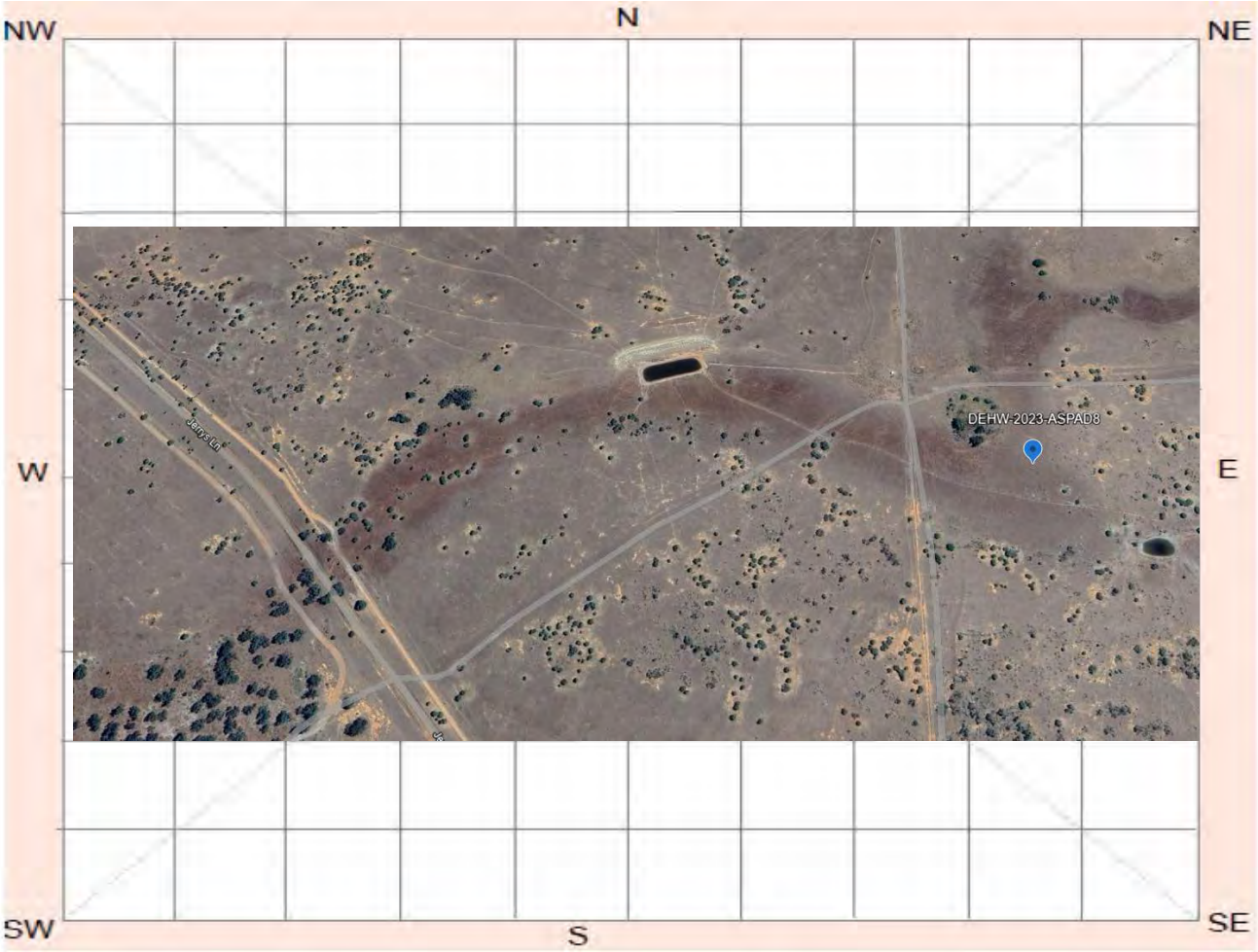
Land Form Unit: Plain **Vegetation:** Isolated clumps of trees

Distance to Water (m): 10 **Primary Report:** Dinawan Energy Hub Wind ACHA

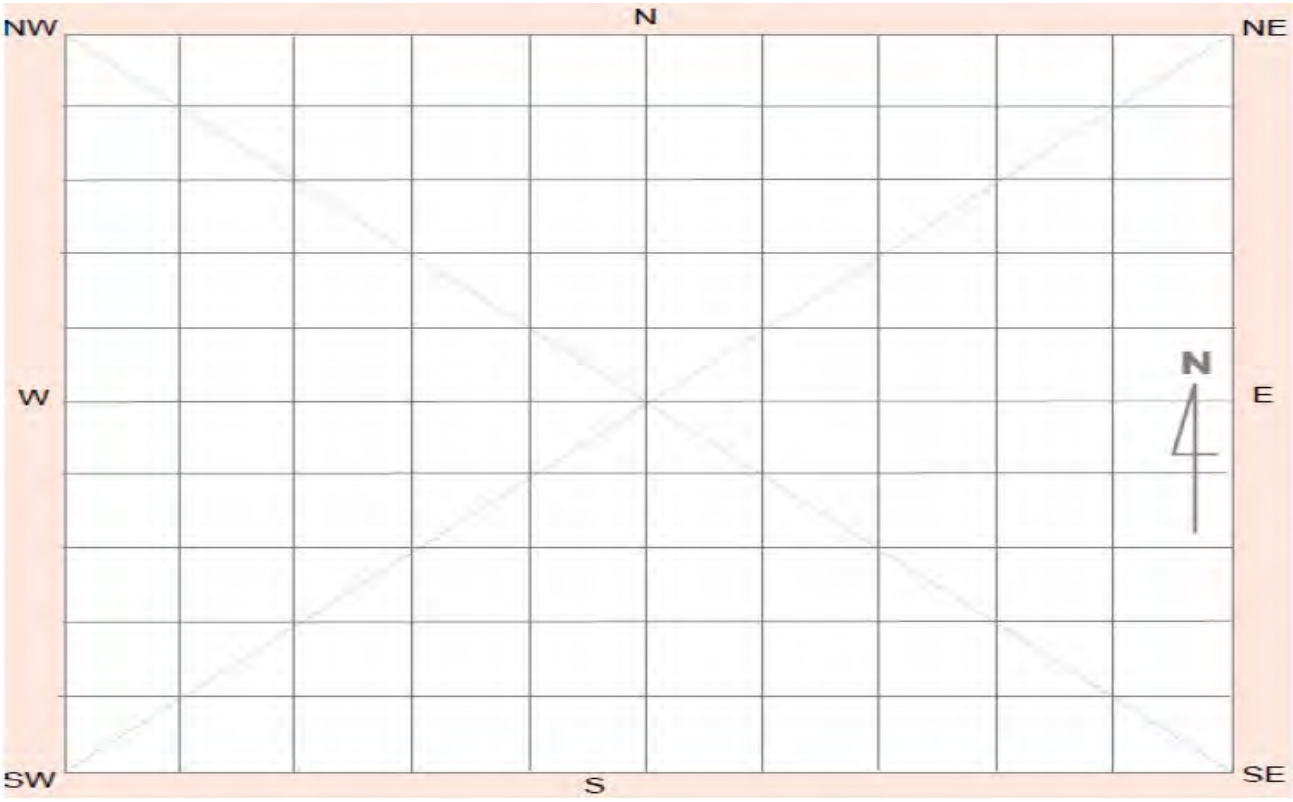
How to get to the site: Access site via Jerry's lane.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1.	Artefact	19	270	140				

Feature condition: Disturbed

Description:

Artefact scatter comprising silcrete flakes (n=3), basalt flakes (n=2), quartz flake (n=10), six of these quartz flakes are considered tentative with a basalt microlith cutting tool, a red sandstone grinding implement and basalt anvil with signs of pitting located on a scald exposure. Associated with PAD. An identified sandstone axe, located on a modified exposure due to historical disturbance.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.	Potential Archaeological Deposit		270	140				

Feature condition: Disturbed

Description:

PAD identified, associated with artefact scatter comprising silcrete flakes (n=3), basalt flakes (n=2), quartz flake (n=10), six of these quartz flakes are considered tentative with a basalt microlith cutting tool, a red sandstone grinding implement and basalt anvil with signs of pitting located on a scald exposure. A sandstone axe was located on a modified exposure due to historical disturbance.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

Feature condition:

Description:

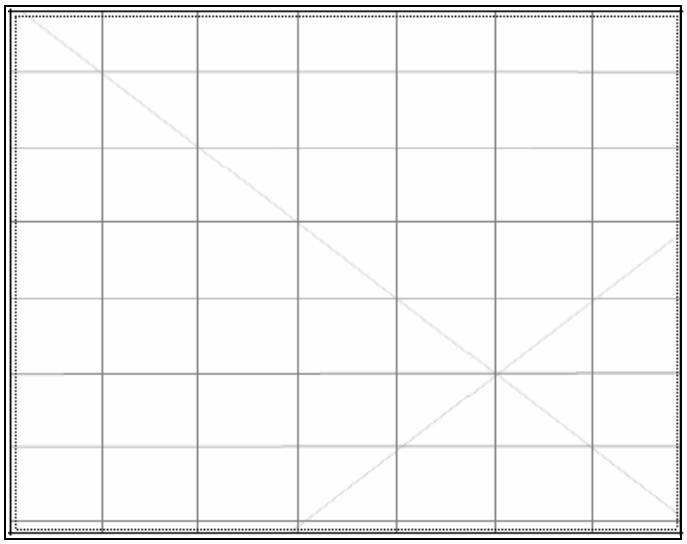
Site photographs



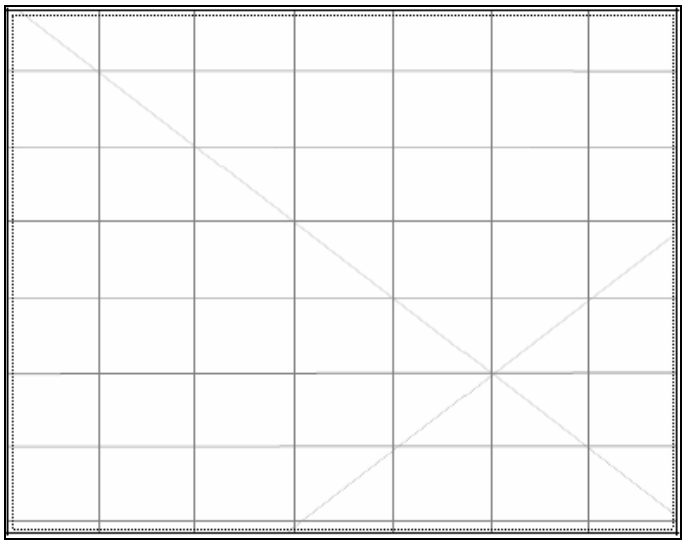
Description: Detail of silcrete and quartz flakes, red sandstone griding tool and silcrete core.



Description: Site location and condition of surrounding landscape. View north-east.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0260 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-Dune

Easting: 359783 **Northing:** 6131451 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Dune **Vegetation:** Grasslands

Distance to Water (m): 2000 **Primary Report:** Dinawan Energy Hub Wind ACHA

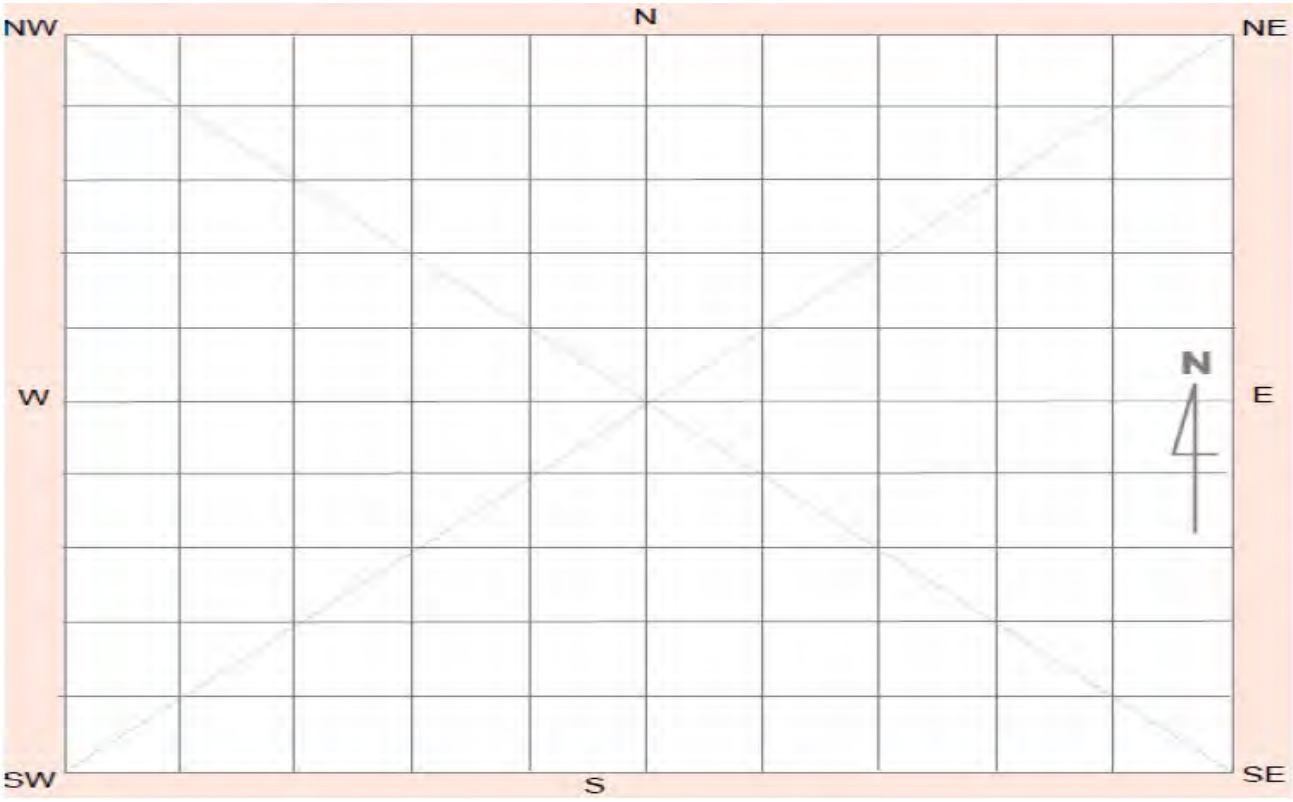
How to get to the site: Access via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1.	Hearth	2	1200	950				

Feature condition: Disturbed

Description:

Identified a potential hearth with eroding clay balls in a circular pattern on an erosion scar exposure with an additional hearth with one clay ball located 8m east of the main hearth or the clay ball could be considered to be associated with the main hearth, associated with PAD.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.	Potential Archaeological Deposit		1200	950				

Feature condition: Disturbed

Description:

PAD identified associated with potential hearth with eroding clay balls in a circular pattern on an erosion scar exposure with an additional hearth with one clay ball located 8m east of the main hearth or the clay ball could be considered to be associated with the main hearth.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Site location and condition of surrounding landscape. View south



Description: Detailed close up of one of the hearths identified, measuring length.



Description: Detailed close up of one of the hearths identified, measuring width.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0259 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-H1

Easting: 358650 **Northing:** 6135501 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

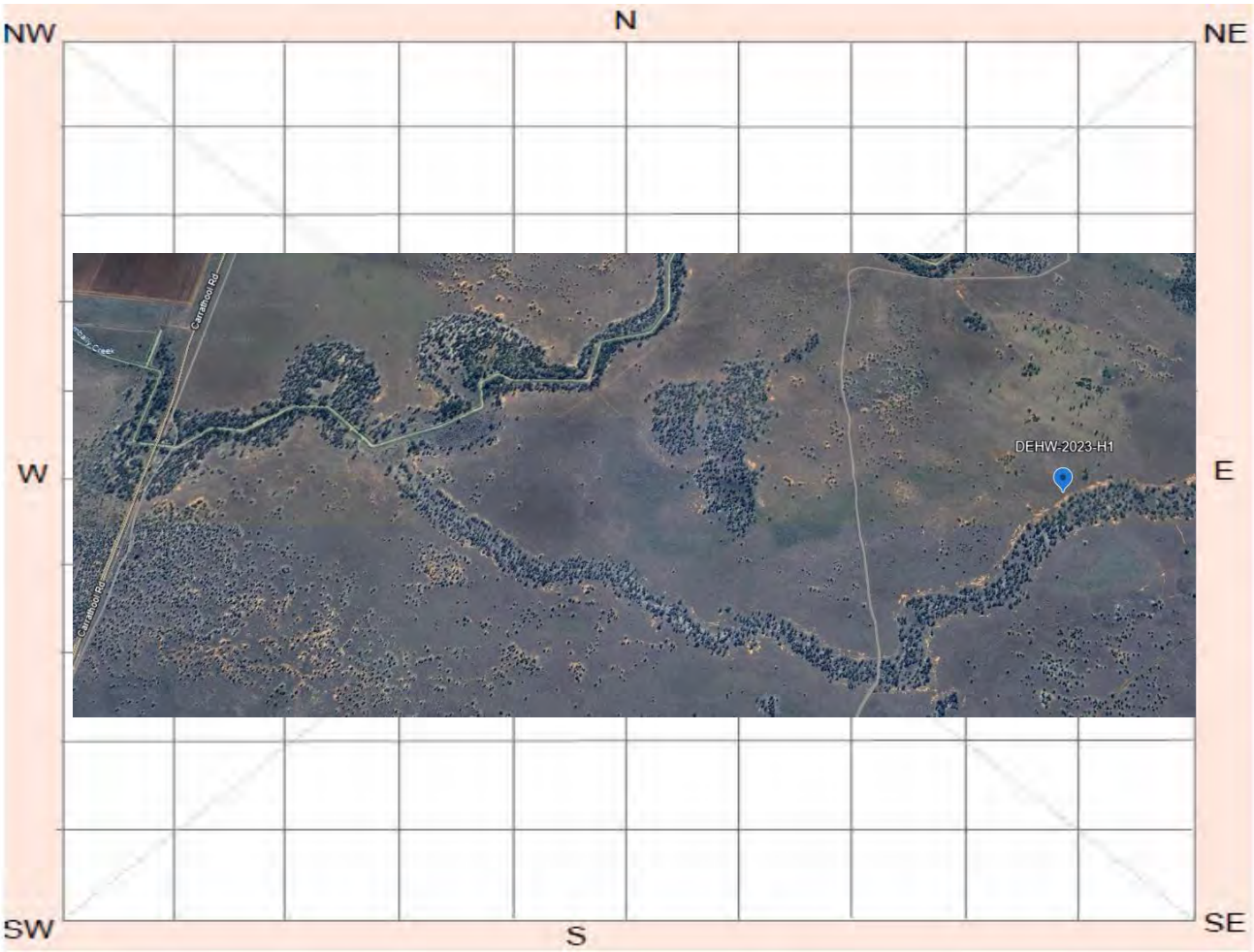
Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 750 **Primary Report:** Dinawan Energy Hub Wind ACHA

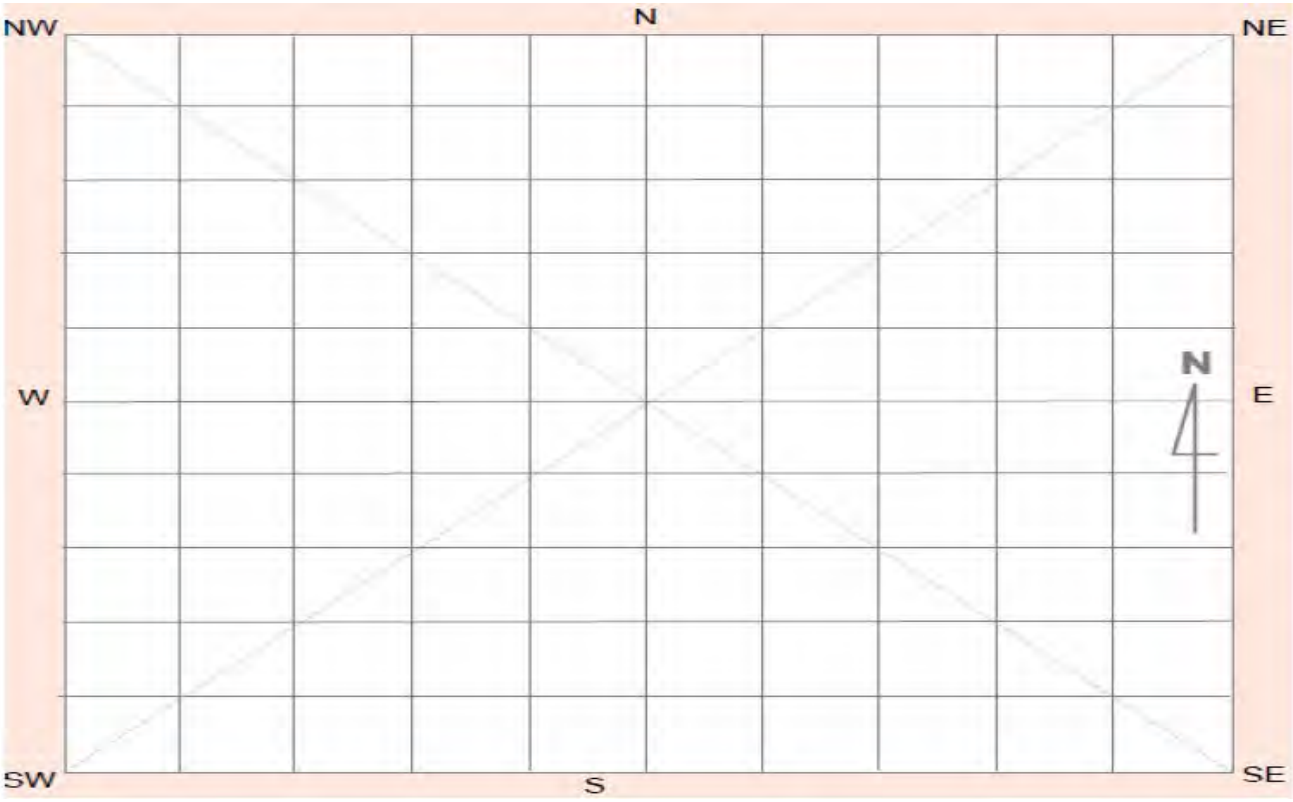
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Hearth	1	70	60				

Feature condition: Disturbed

Description:

Hearth identified on a scald exposure measuring 2m x 1m located parallel to an ephemeral watercourse.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Length of identified hearth.



Description: Width of identified hearth.



Description: Site location and condition of surrounding landscape. View south.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General: | Location:

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0258 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-H2

Easting: 358138 **Northing:** 6128541 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

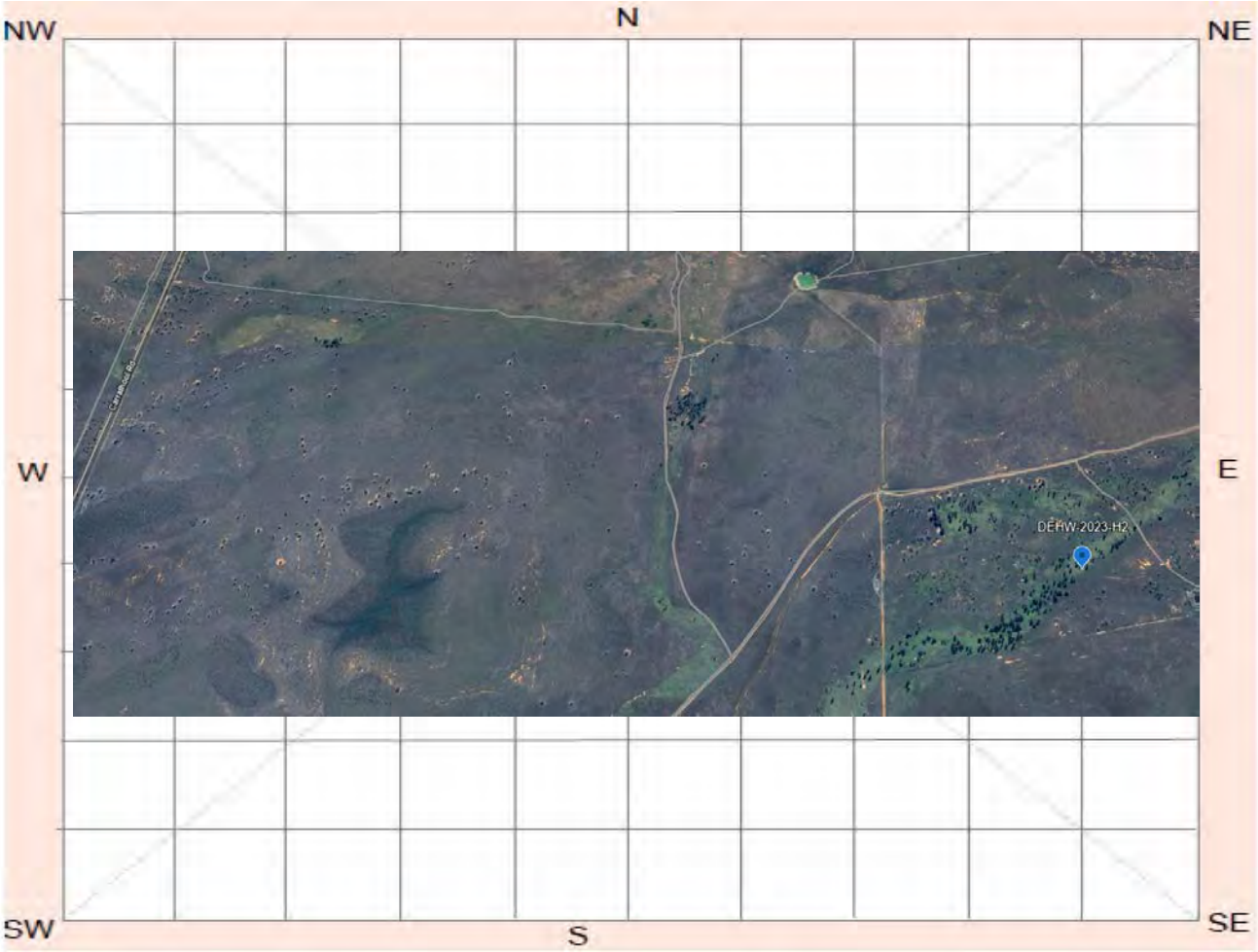
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 100 **Primary Report:** Dinawan Energy Hub Wind ACHA

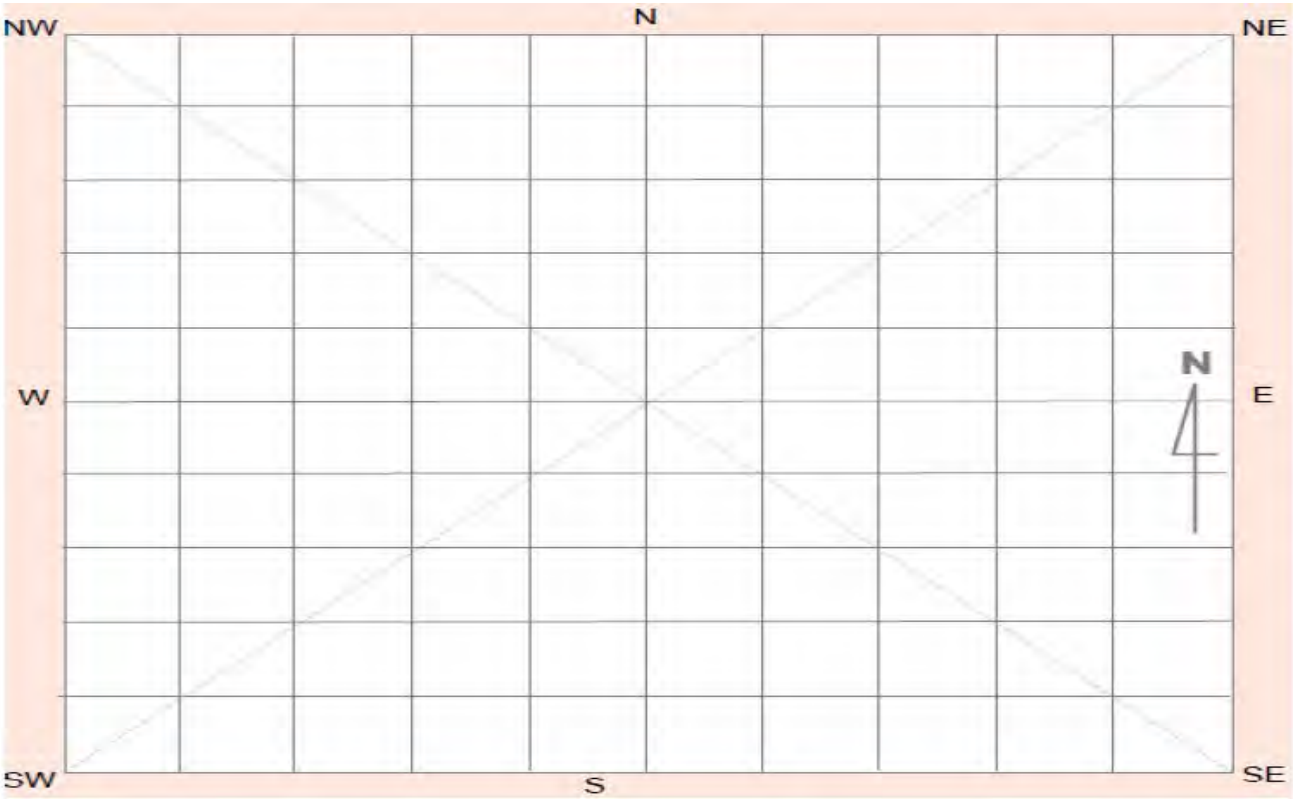
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Hearth	1	35	25				

Feature condition: Disturbed

Description:

Hearth identified on a scald exposure measuring 2m x 1m located on a rise of paleochannel bank to an ephemeral watercourse.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

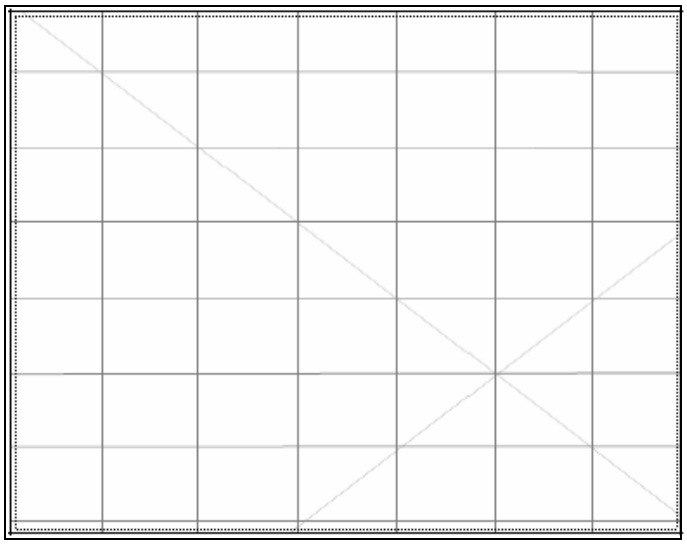
Site photographs



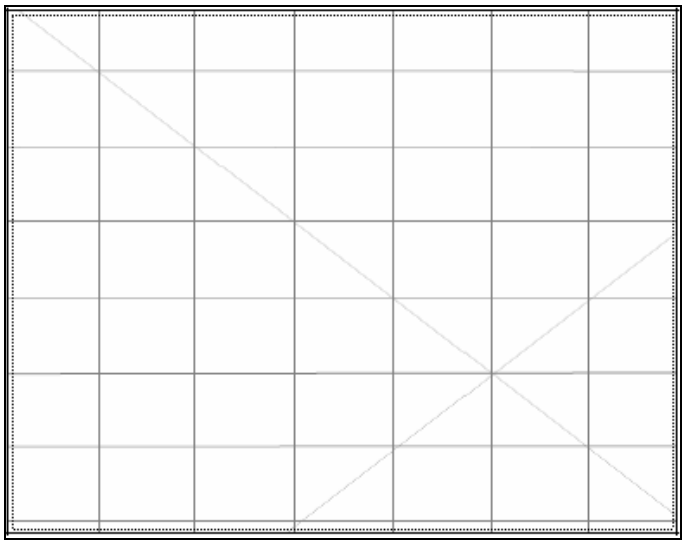
Description: Length of identified hearth.



Description: Width of identified hearth.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0257 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-H3

Easting: 353610 **Northing:** 6127609 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Floodplain **Land Use:** Farming Low Intensity

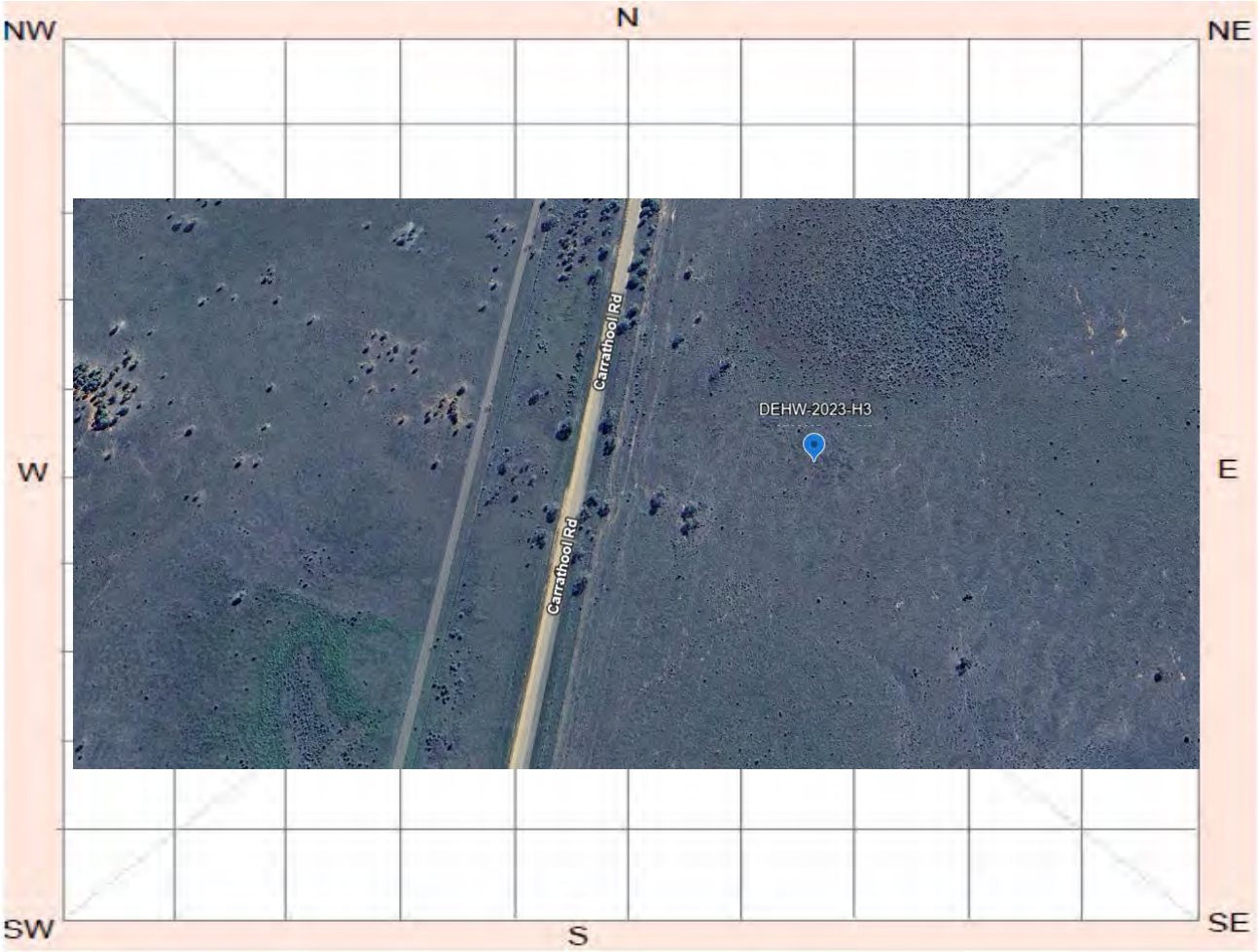
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 2000 **Primary Report:** Dinawan Energy Hub Wind ACHA

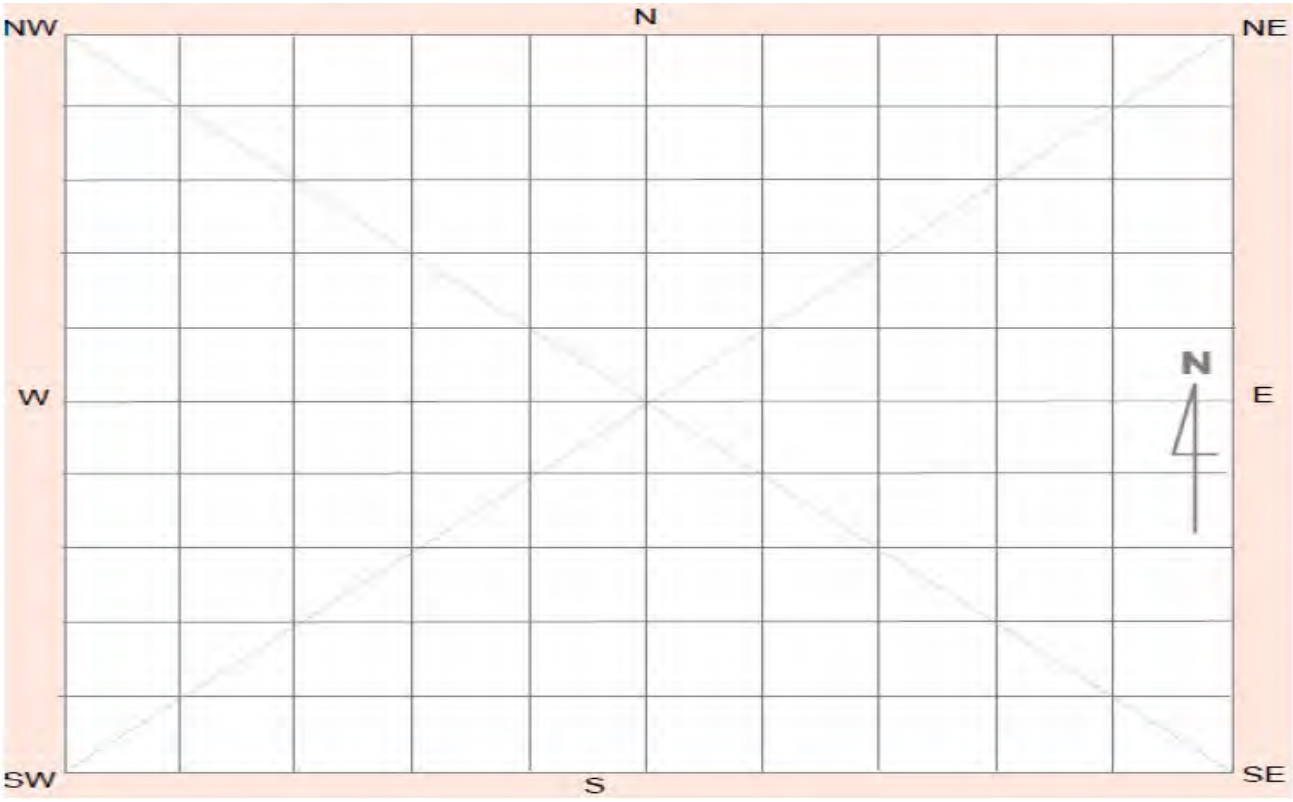
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Hearth	1	30	25				

Feature condition: Disturbed

Description:

Hearth identified containing several insitu clay balls in and around the hearth in a semi-circular pattern. Estimated to measure 1m x 1.2m, located on a slight rise flood plain.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

Site photographs



Description: Length of identified hearth.



Description: Width of identified hearth.



Description: Site location and condition of surrounding landscape. View north.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location

N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0256 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-H4

Easting: 358249 **Northing:** 6128957 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

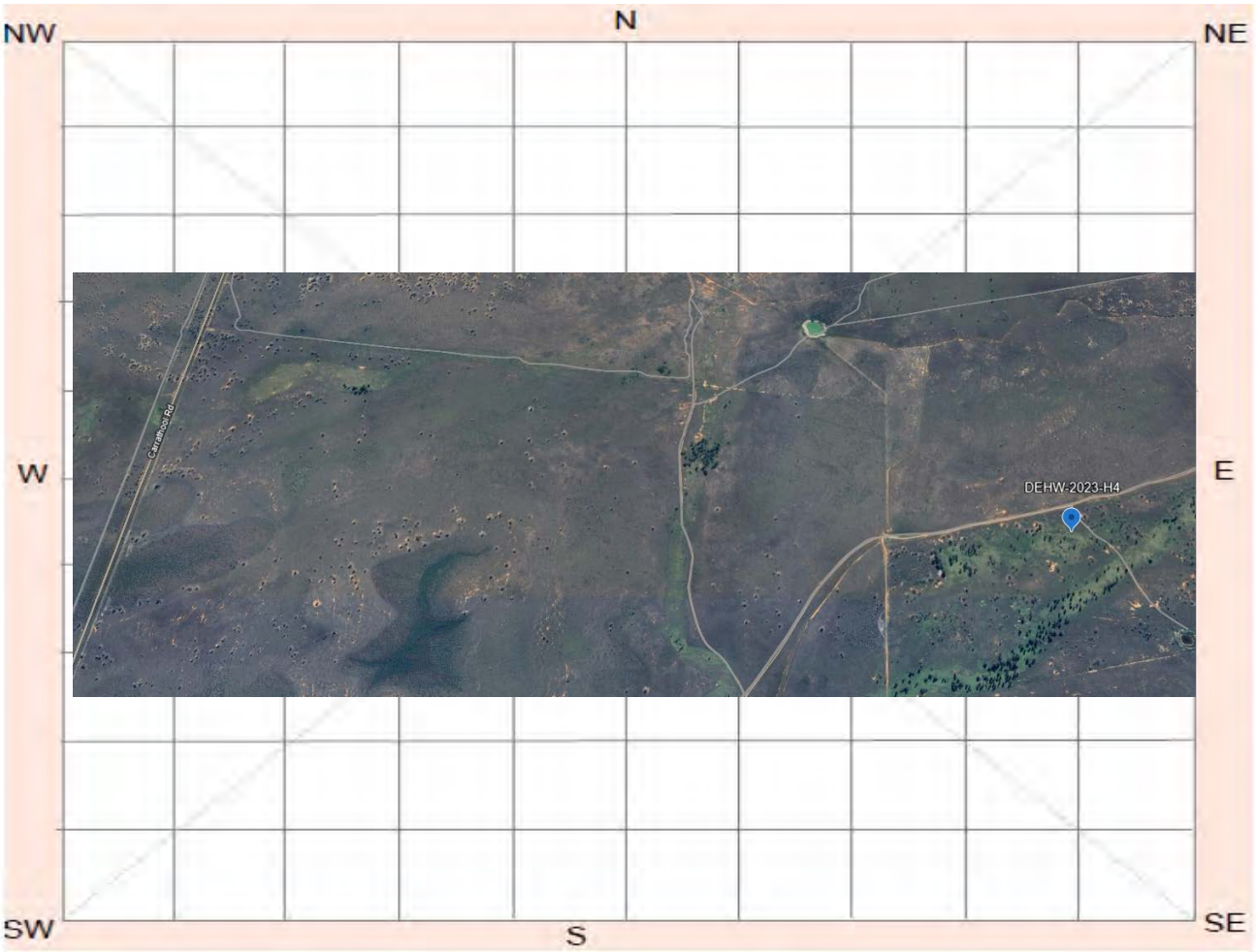
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 900 **Primary Report:** Dinawan Energy Hub Wind ACHA

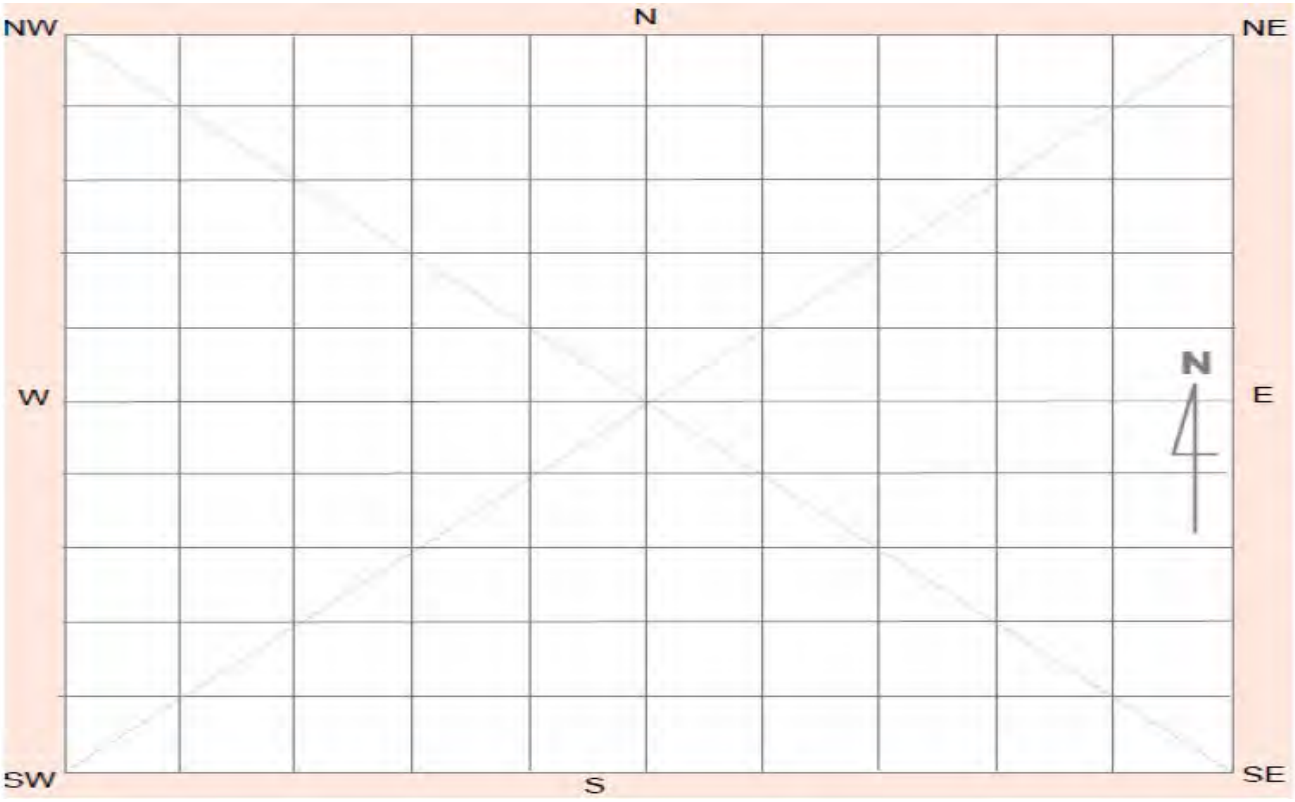
How to get to the site: Access site via Carrathool road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Hearth	1	20	20				

Feature condition: Disturbed

Description:

Hearth identified on a scald exposure measuring 7 x 40cm surrounded by rises of paleochannel.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

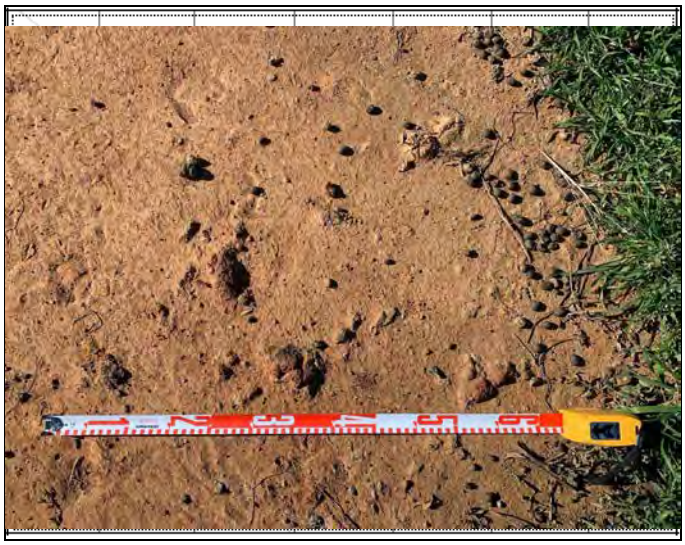
Feature condition:

Description:

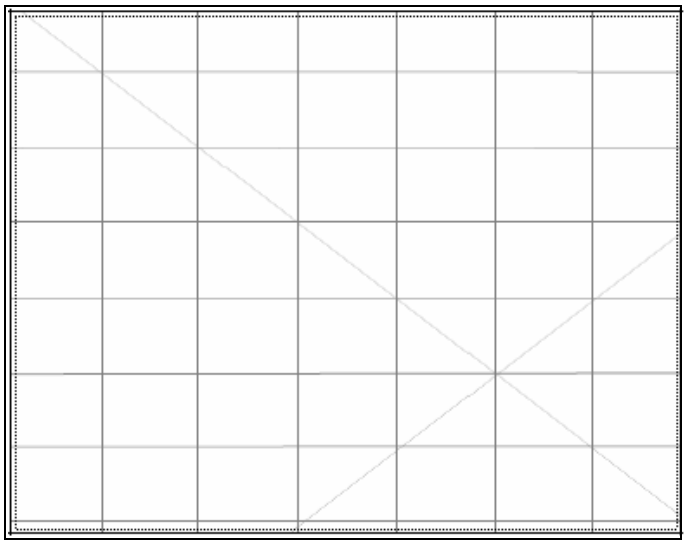
Site photographs



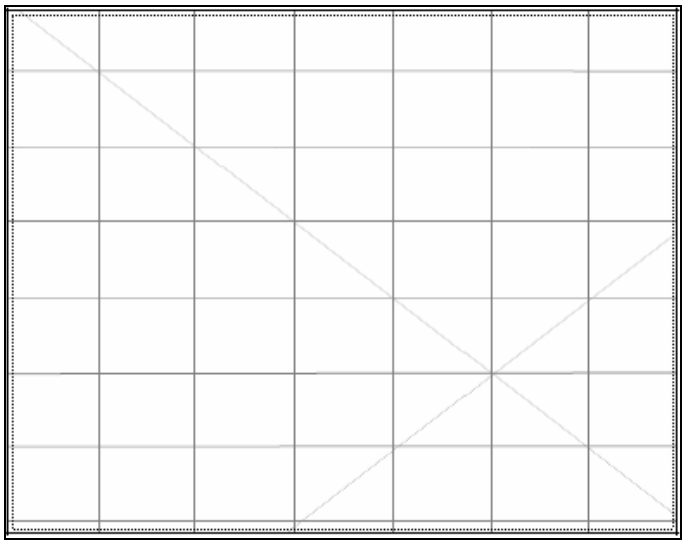
Description: Width of identified hearth.



Description: Length of identified hearth.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0255 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-H5

Easting: 354286 **Northing:** 6132164 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

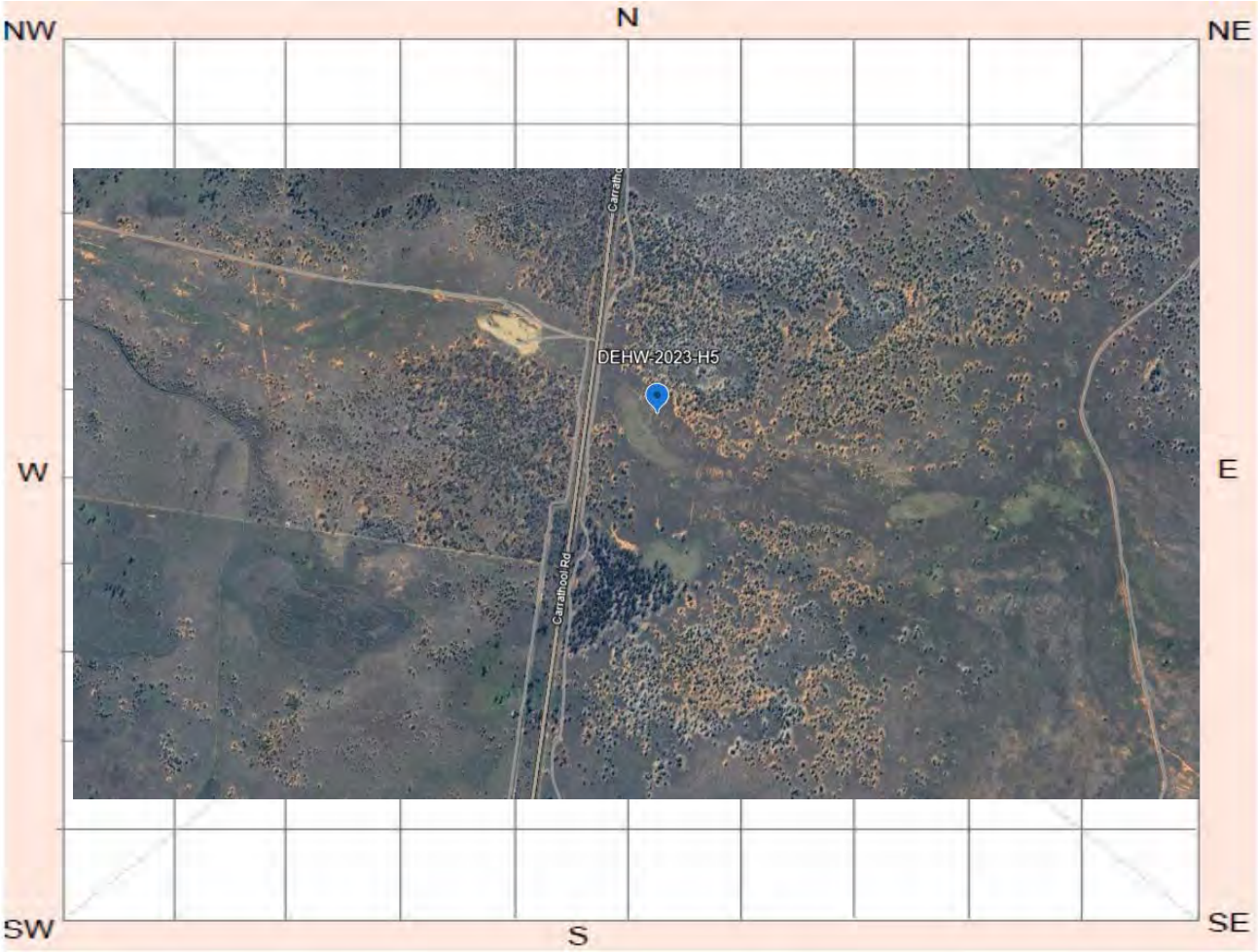
Land Form Unit: Plain **Vegetation:** Open Forest

Distance to Water (m): 1700 **Primary Report:** Dinawan Energy Hub Wind ACHA

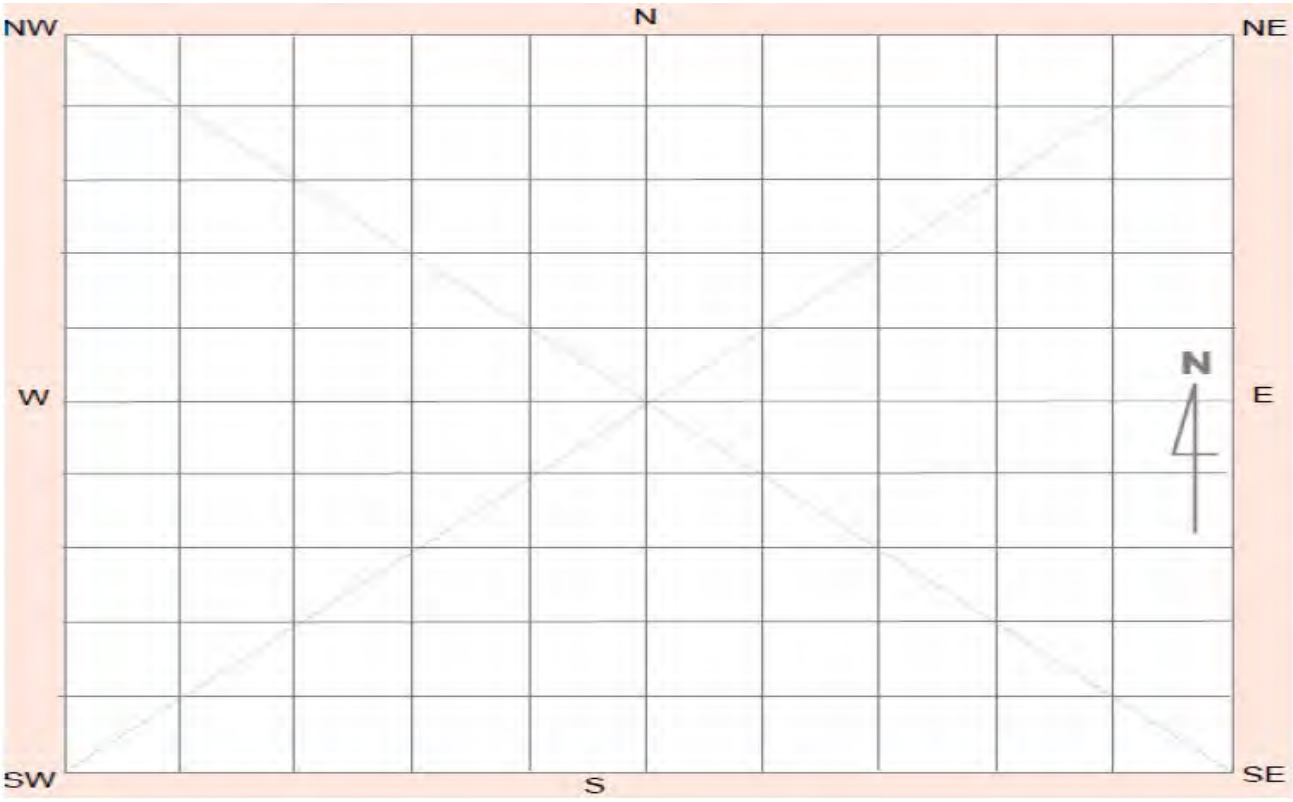
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1.	Artefact	1	250	140				

Feature condition: Disturbed

Description:

Singular quartz core identified on scar exposure on treeline ~20m north of hearth.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.	Hearth	1	250	140				

Feature condition: Erosion

Description:

Hearth eroding out of erosion scar exposure situated near treeline.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

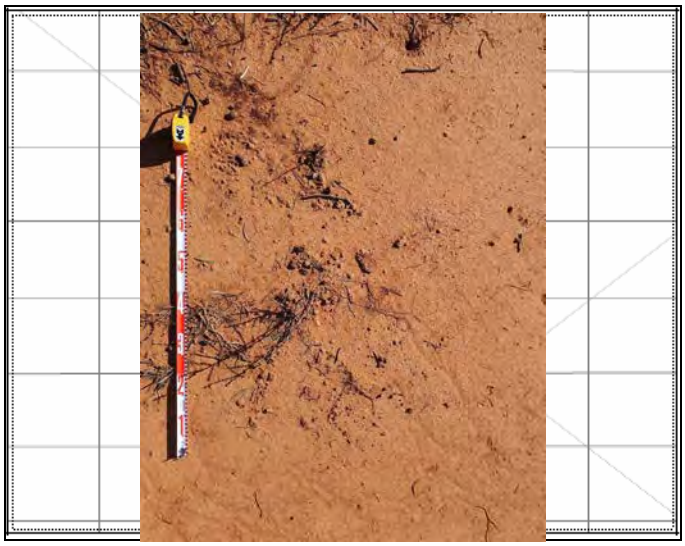
Feature condition:

Description:

Site photographs



Description: Detailed close up of quartz core.



Description: Length of hearth identified.



Description: Site location and condition of surrounding landscape. View north.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General: | Location:

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0254 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-H6

Easting: 355433 **Northing:** 6131075 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Floodplain **Land Use:** Pastoral/Grazing

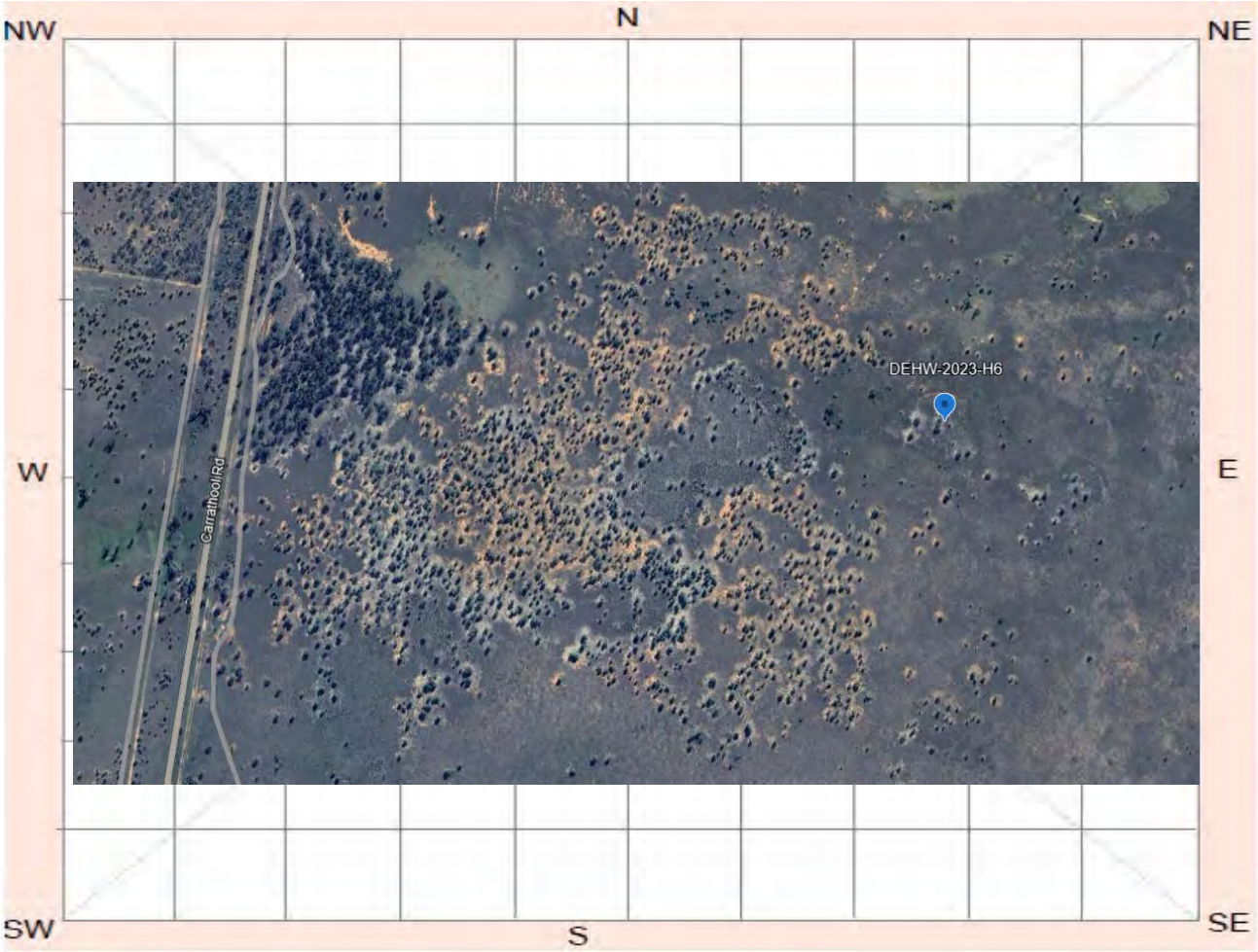
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 2700 **Primary Report:** Dinawan Energy Hub Wind ACHA

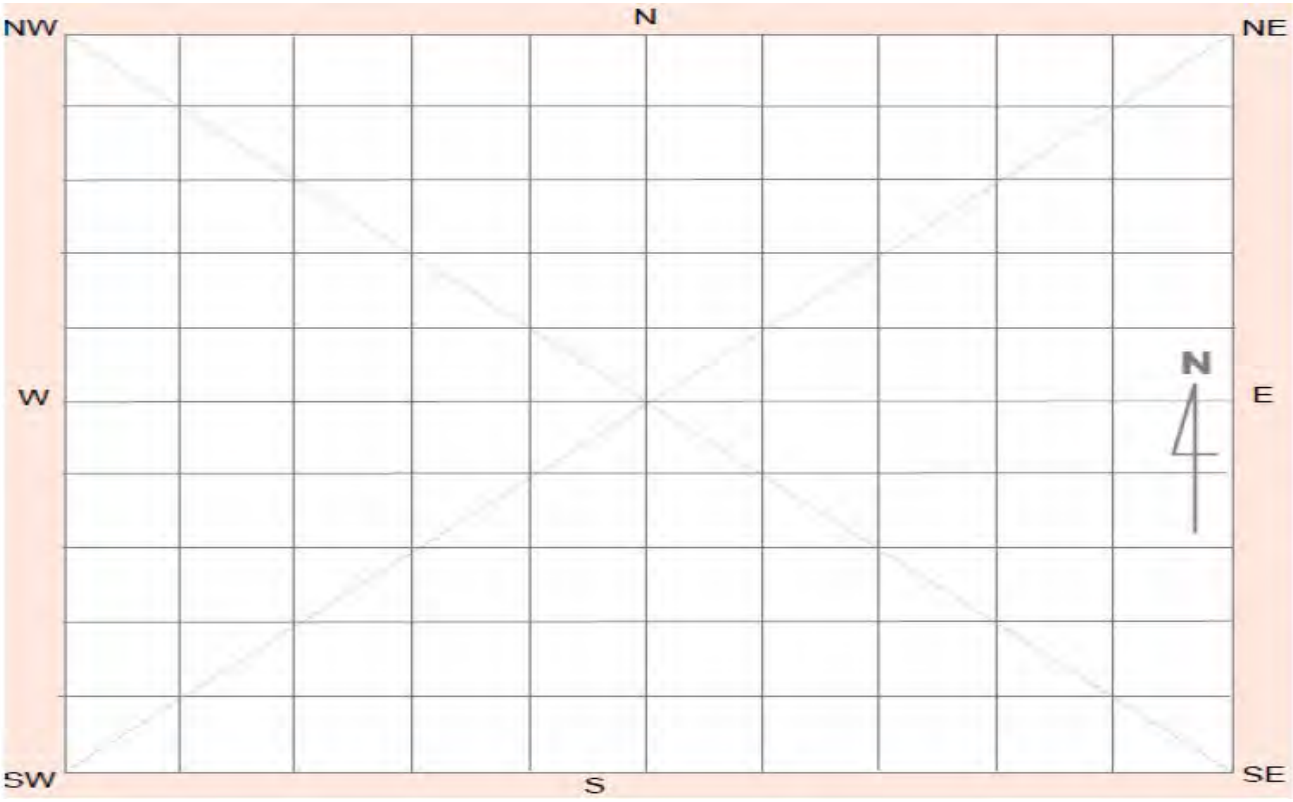
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Hearth	1	160	130				

Feature condition: Disturbed

Description:

Insitu hearth located on a rise of a flood plain. Clay balls located in proximity to hearth.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Length of identified hearth.



Description: Width of identified hearth.



Description: Site location and condition of surrounding landscape. View north.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0272 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-H7

Easting: 359740 **Northing:** 6128712 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

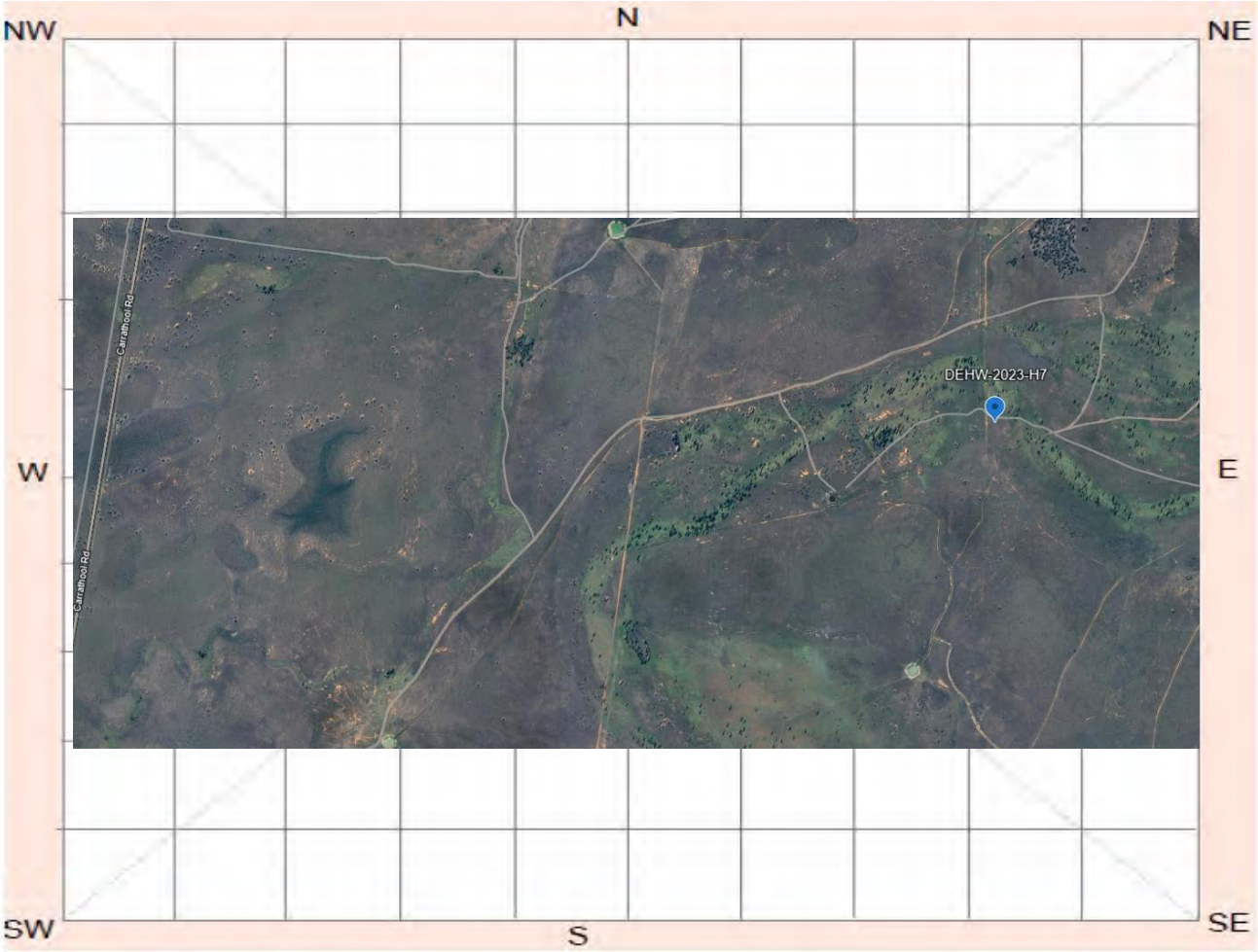
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 500 **Primary Report:** Dinawan Energy Hub Wind ACHA

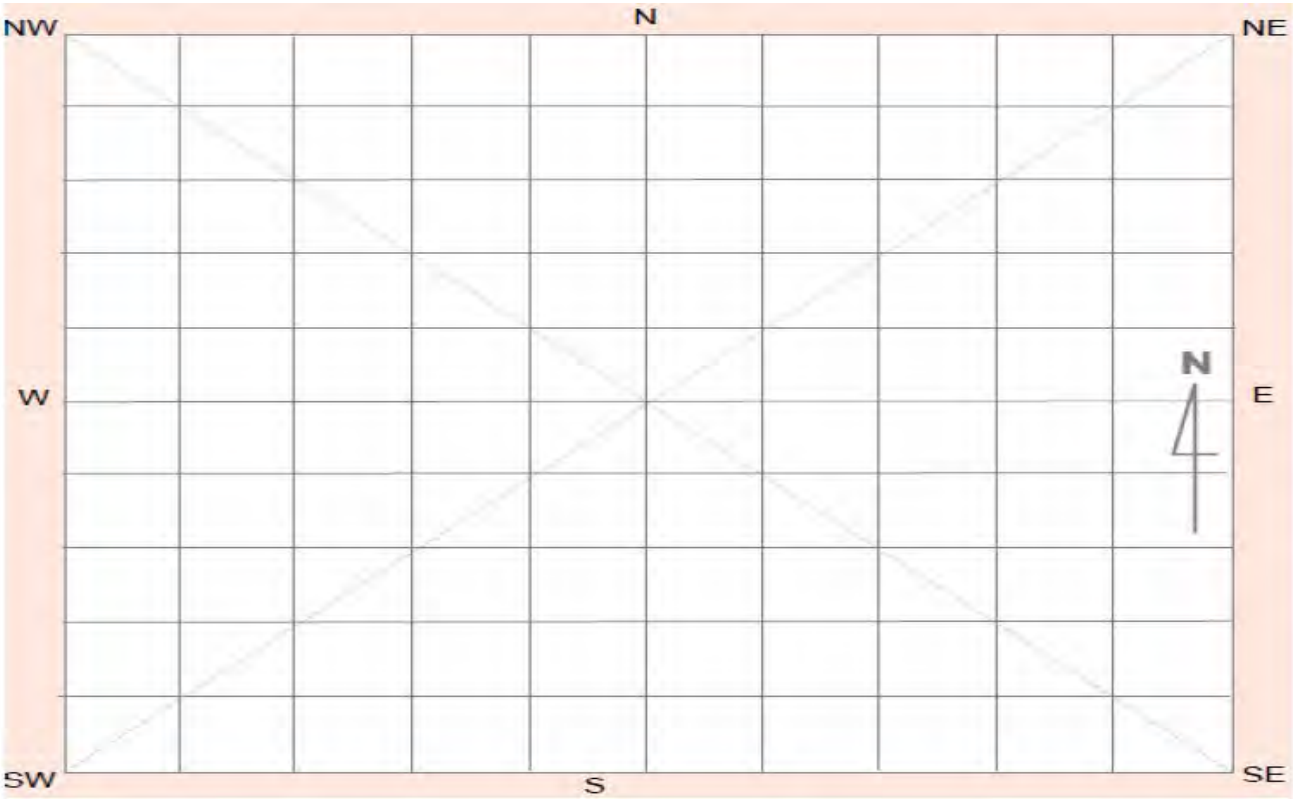
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Hearth	1	30	25				

Feature condition: Disturbed

Description:

Hearth located on vehicle track with clay balls dispersed along the track. Highly disturbed location.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

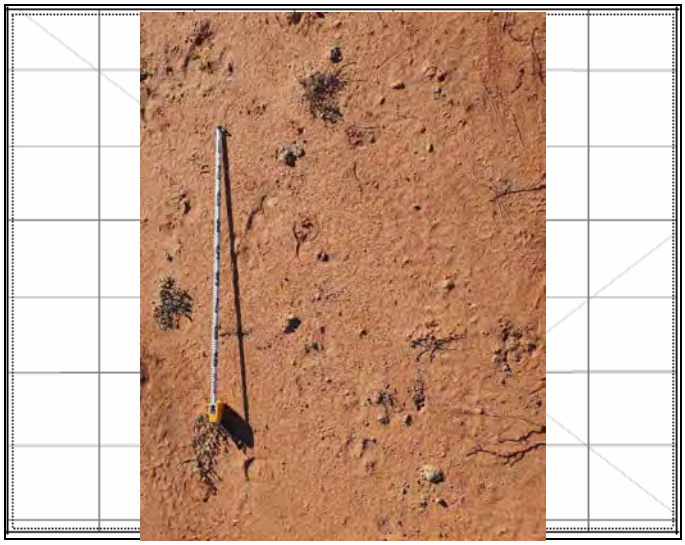
Feature condition:

Description:

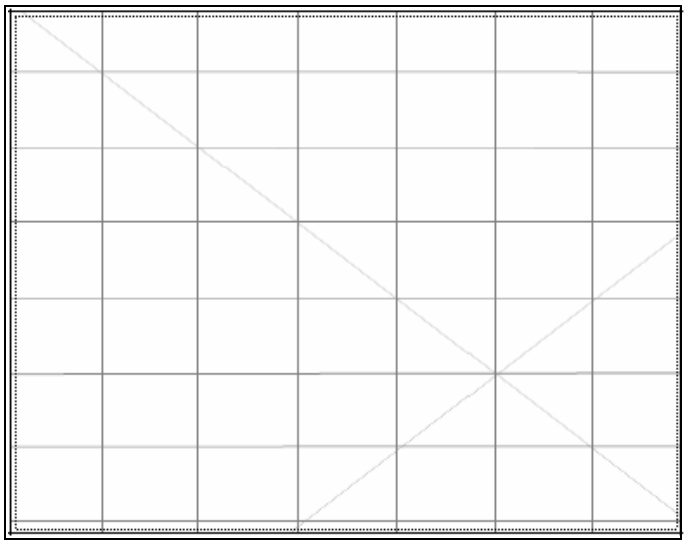
Site photographs



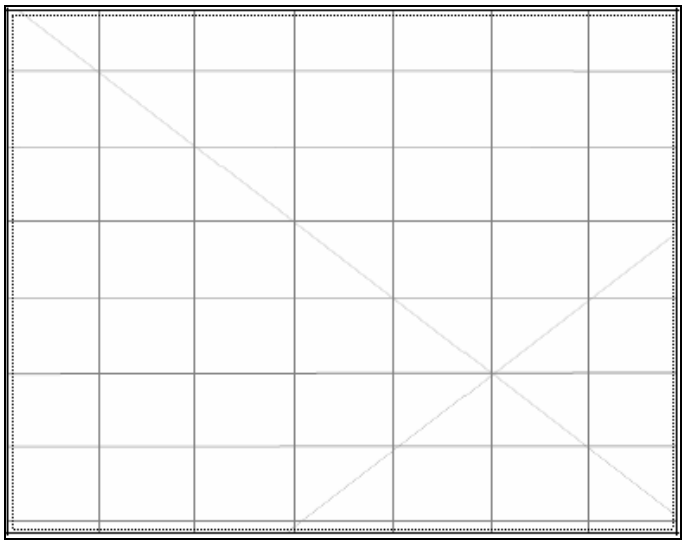
Description: Site location and condition of surrounding landscape. View east.



Description: Identified hearth with measuring tape for scale.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 54-3-0071 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HAS1

Easting: 360514 **Northing:** 6124913 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

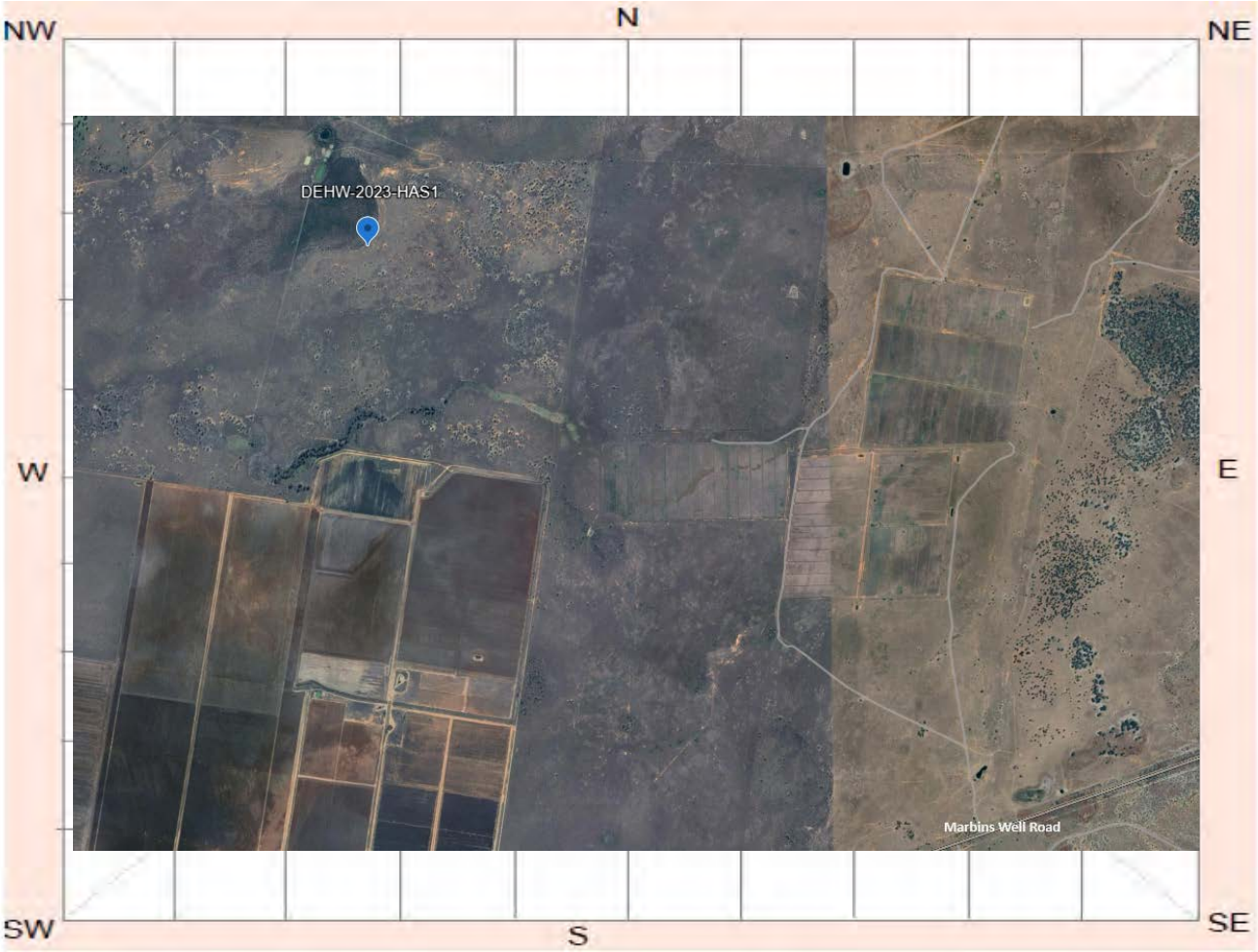
Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 1000 **Primary Report:** Dinawan Energy Hub Wind ACHA

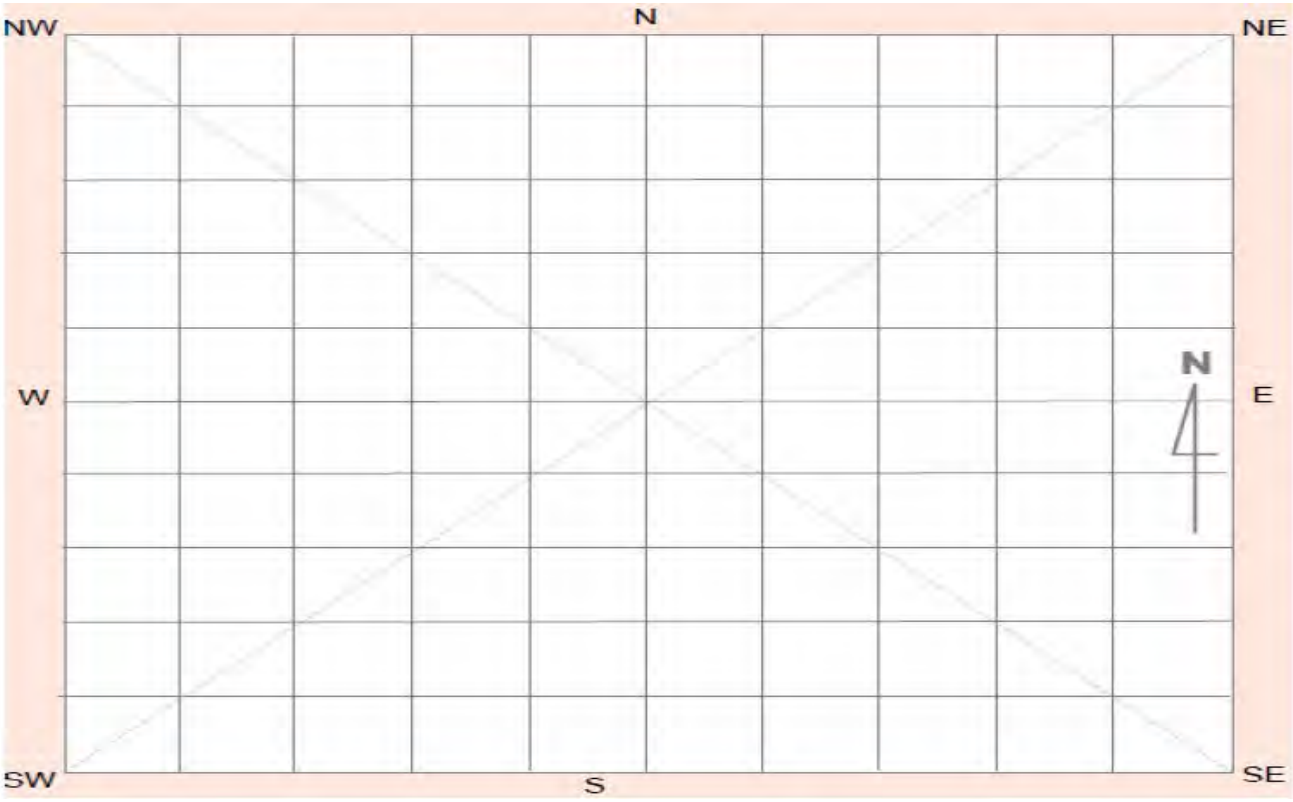
How to get to the site: Access site via Marbins Well Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1.	Artefact	11	175	100				

Feature condition: Disturbed

Description:

Quartz flakes (n=7), red quartzite flake (n=1), silcrete flakes (n=3) comprising of one white silcrete flake with 20% cortex located on an erosion scar exposure on a lunette.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.	Hearth	1	175	100				

Feature condition: Disturbed

Description:

One potential hearth measuring 1.5m in diameter with some ash. Located on an erosion scar exposure on lunette.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

Site photographs



Description: Detailed close up of quartz and silcrete flakes.



Description: Length of identified hearth.



Description: Site location and condition of surrounding landscape. View west.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General: | Location:

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0271 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HAS2

Easting: 360381 **Northing:** 6131348 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Dune Field **Land Use:** Farming Intensive

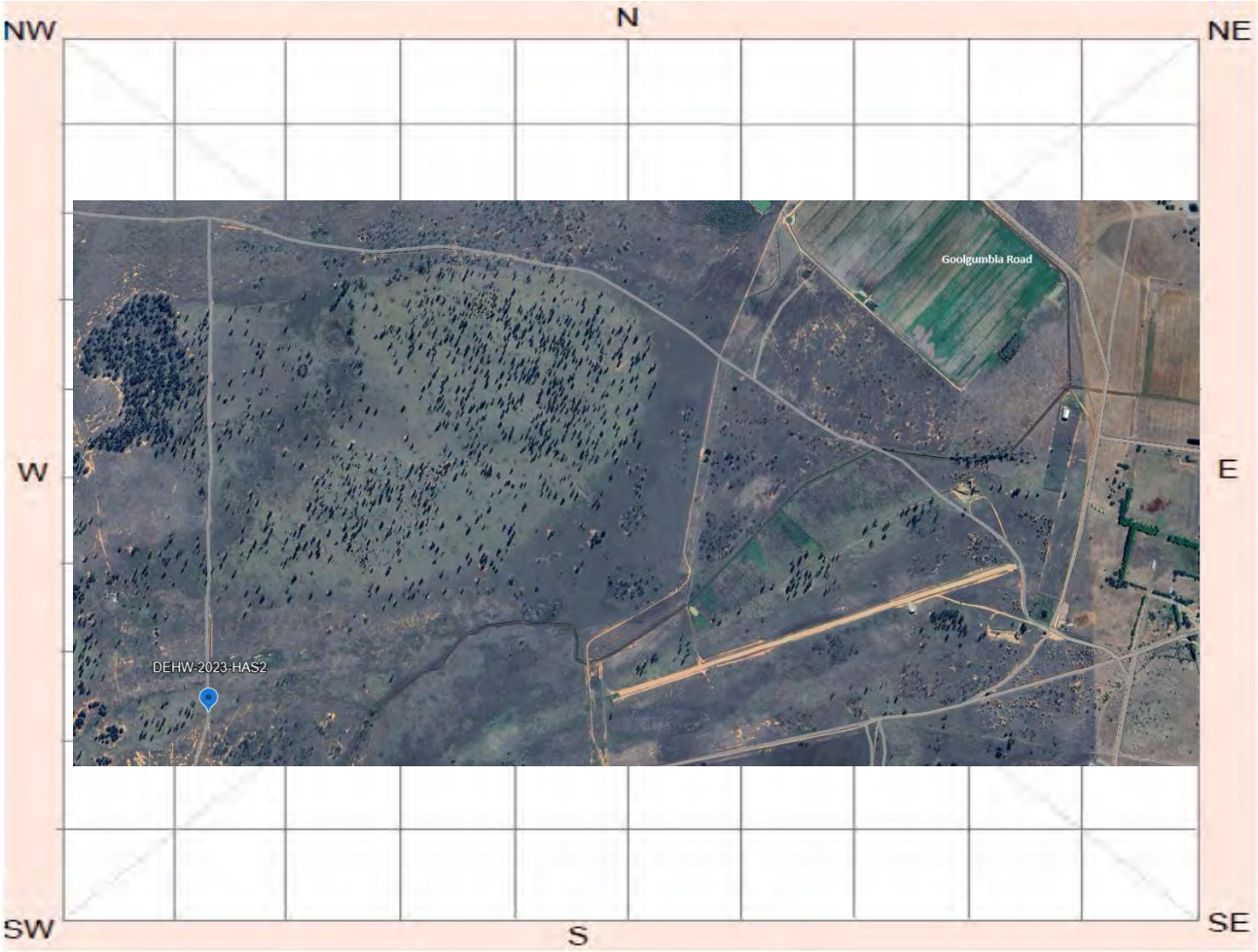
Land Form Unit: Dune **Vegetation:** Grasslands

Distance to Water (m): 3100 **Primary Report:** Dinawan Energy Hub Wind ACHA

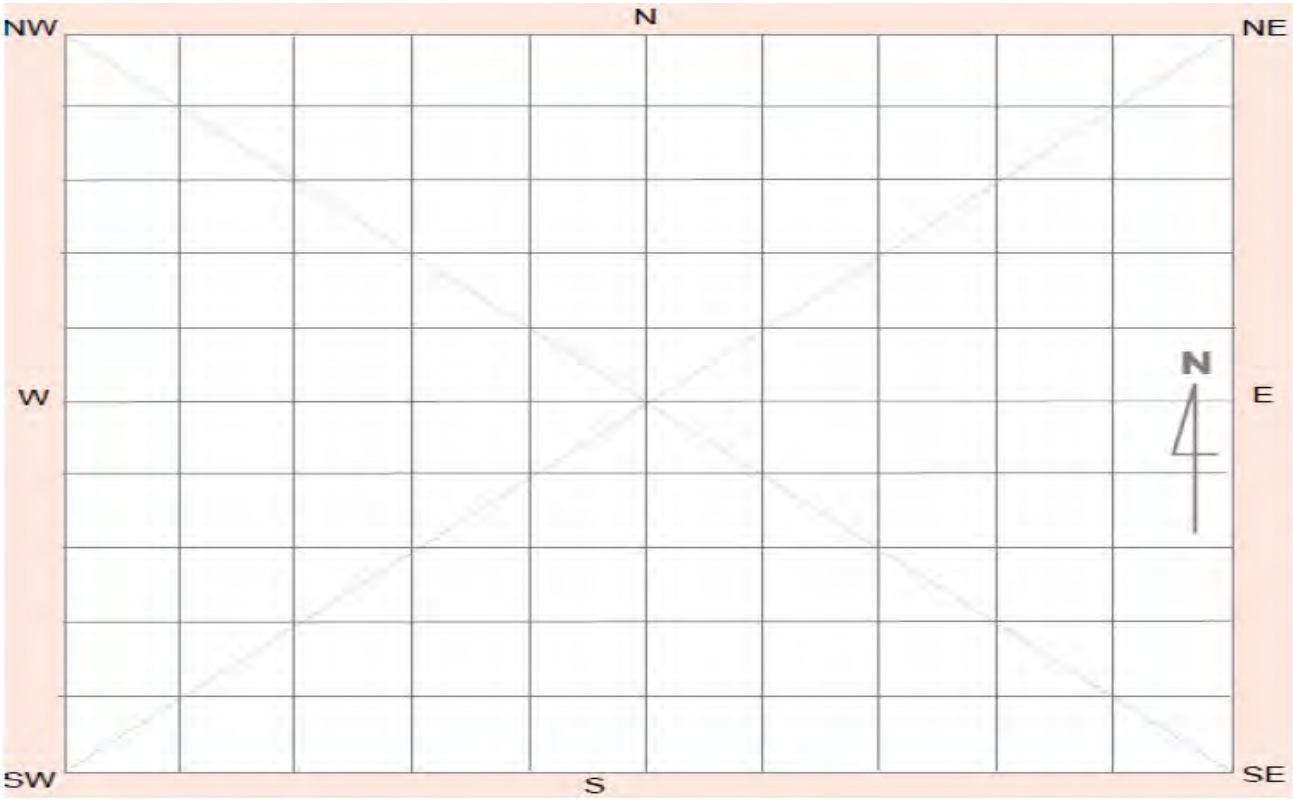
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	9	580	90				

Feature condition: Disturbed

Description:

Artefact scatter comprising silcrete flakes (n=5), and quartz flakes (n=4), located on vehicle track exposure, and scald exposures, in proximity to dune complex.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	2	580	90				

Feature condition: Disturbed

Description:

Hearths (n=2) located on vehicle track exposure, and scald exposures, in proximity to dune complex.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Site location of hearth and condition of surrounding landscape. View east.



Description: Length of one of the hearths identified.



Description: Width of one of the hearths identified.



Description: Detailed close up of silcrete and quartz flake.

Site restrictions

Do you want to Restrict this site?: ☐

Restriction type: Gender ☐ N/A General ☐ Location ☐

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0270 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HAS3

Easting: 359536 **Northing:** 6132211 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Dune Field **Land Use:** Pastoral/Grazing

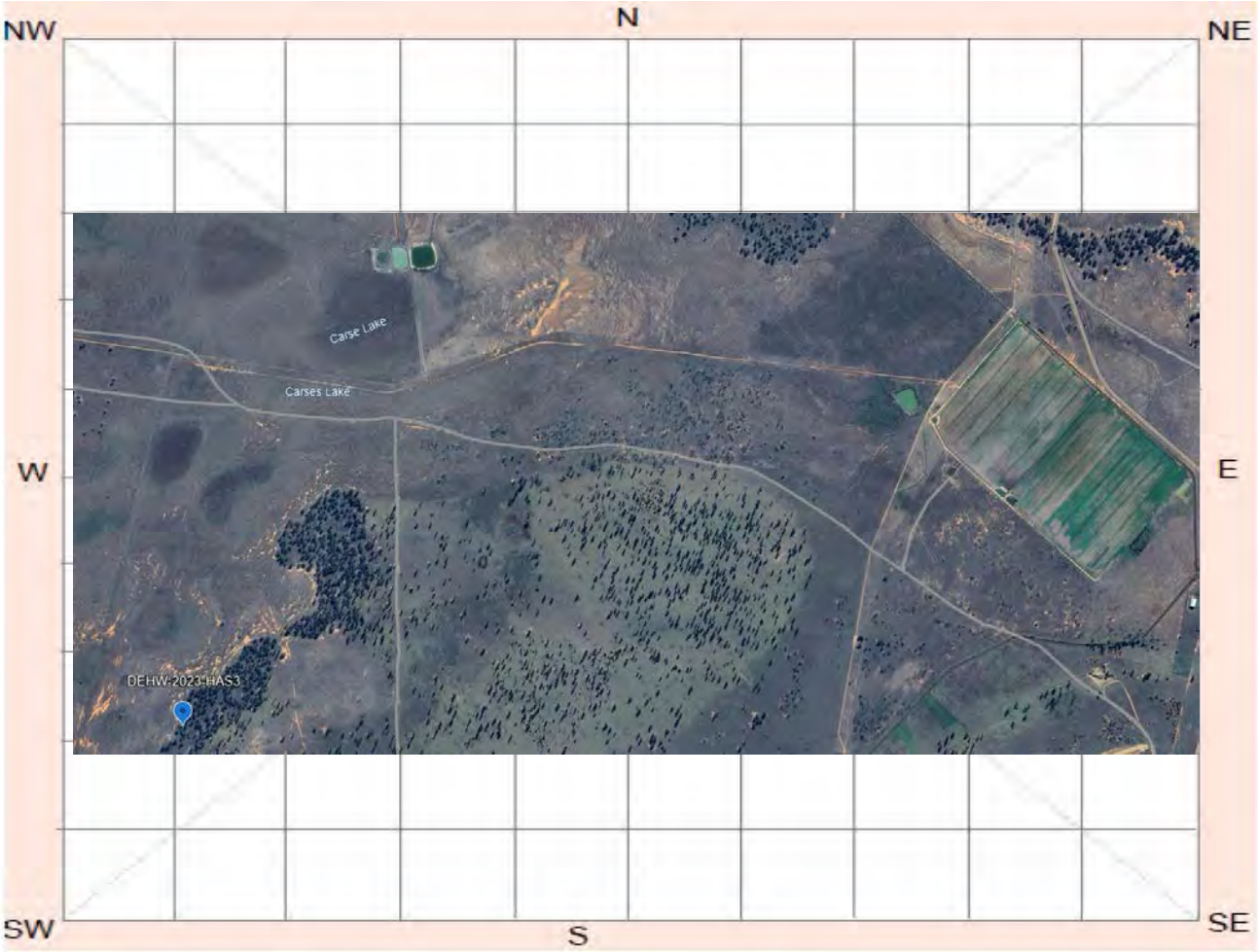
Land Form Unit: Dune **Vegetation:** Grasslands

Distance to Water (m): 1000 **Primary Report:** Dinawan Energy Hub Wind ACHA

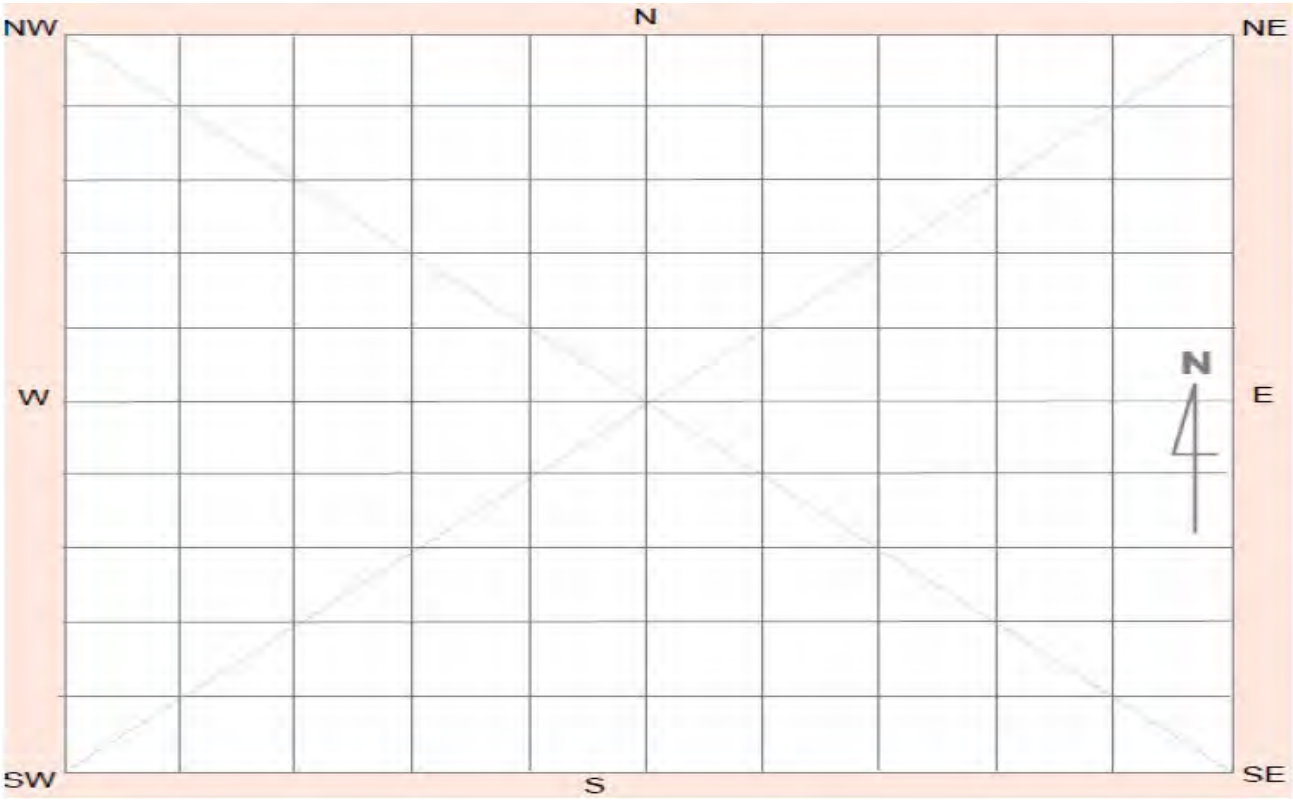
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Stock Damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	14	450	150				

Feature condition: Disturbed

Description:

Artefact scatter comprising silcrete flakes (n=4), quartz flakes (n=9), one microlithic basalt scraper located on cattle track, in drainage depression, dune and clay plain.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	6	450	150				

Feature condition: Disturbed

Description:

Hearths (n=6), located on cattle track, in drainage depression, dune and clay plain.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

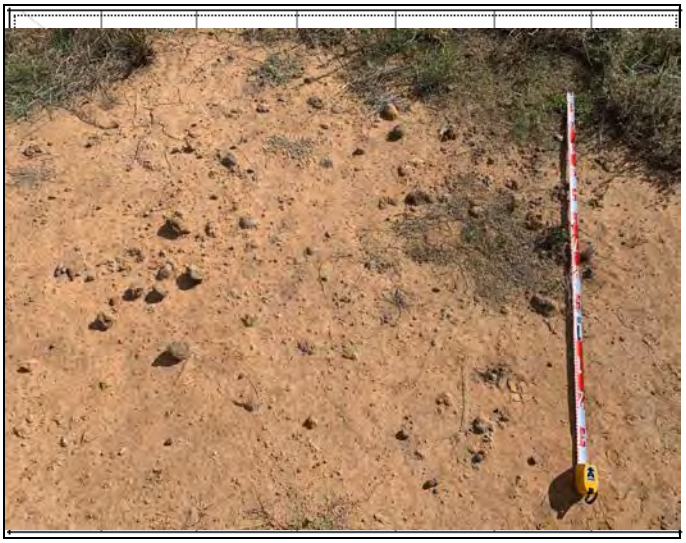
Site photographs



Description: Detailed close up of quartz flake.



Description: Length of identified hearth.



Description: Width of identified hearth.



Description: Hearth location and condition of surrounding landscape. View south.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 54-3-0070 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HAS4

Easting: 357279 **Northing:** 6124976 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

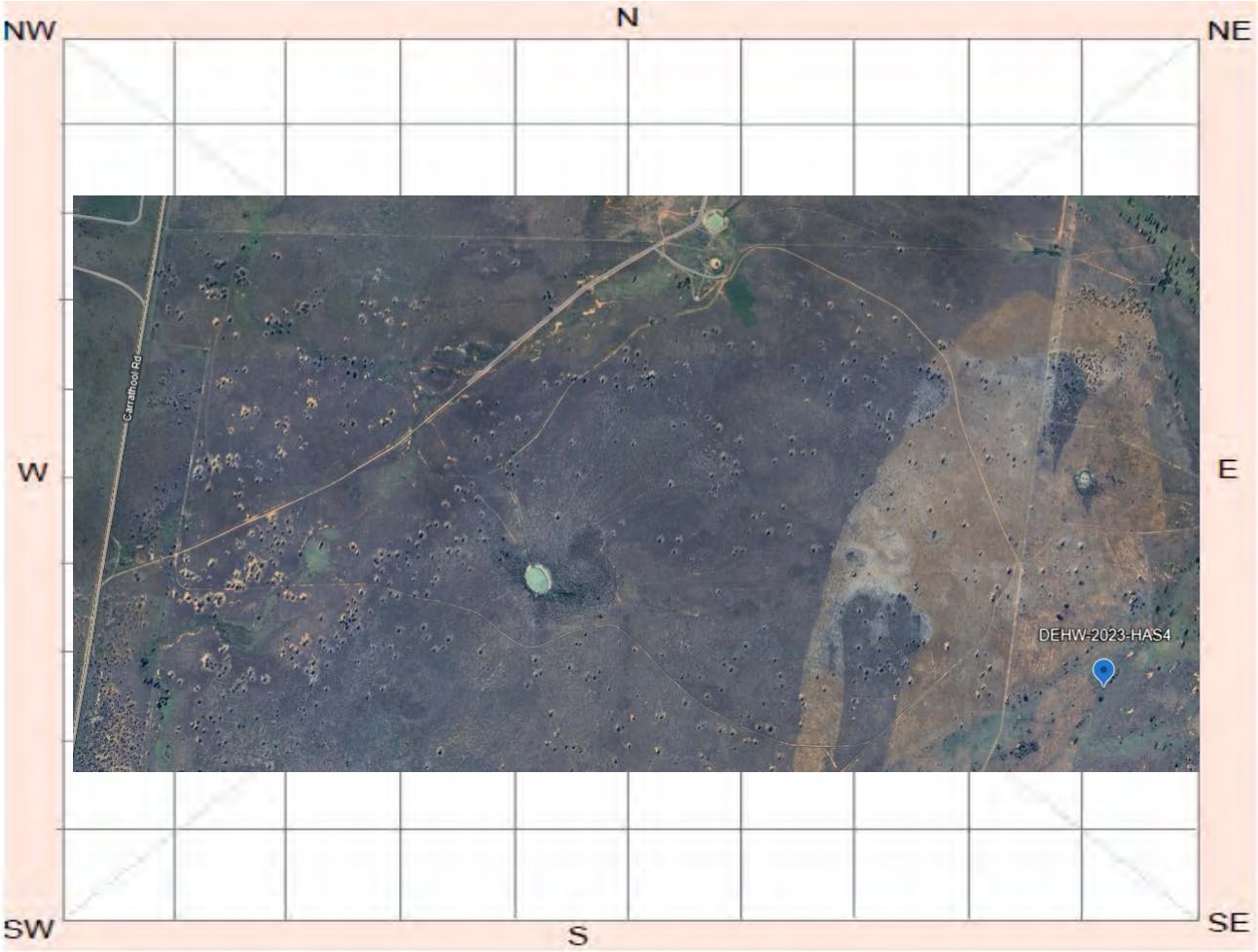
Land Form Unit: Terrace **Vegetation:** Isolated clumps of trees

Distance to Water (m): 3000 **Primary Report:** Dinawan Energy Hub Wind ACHA

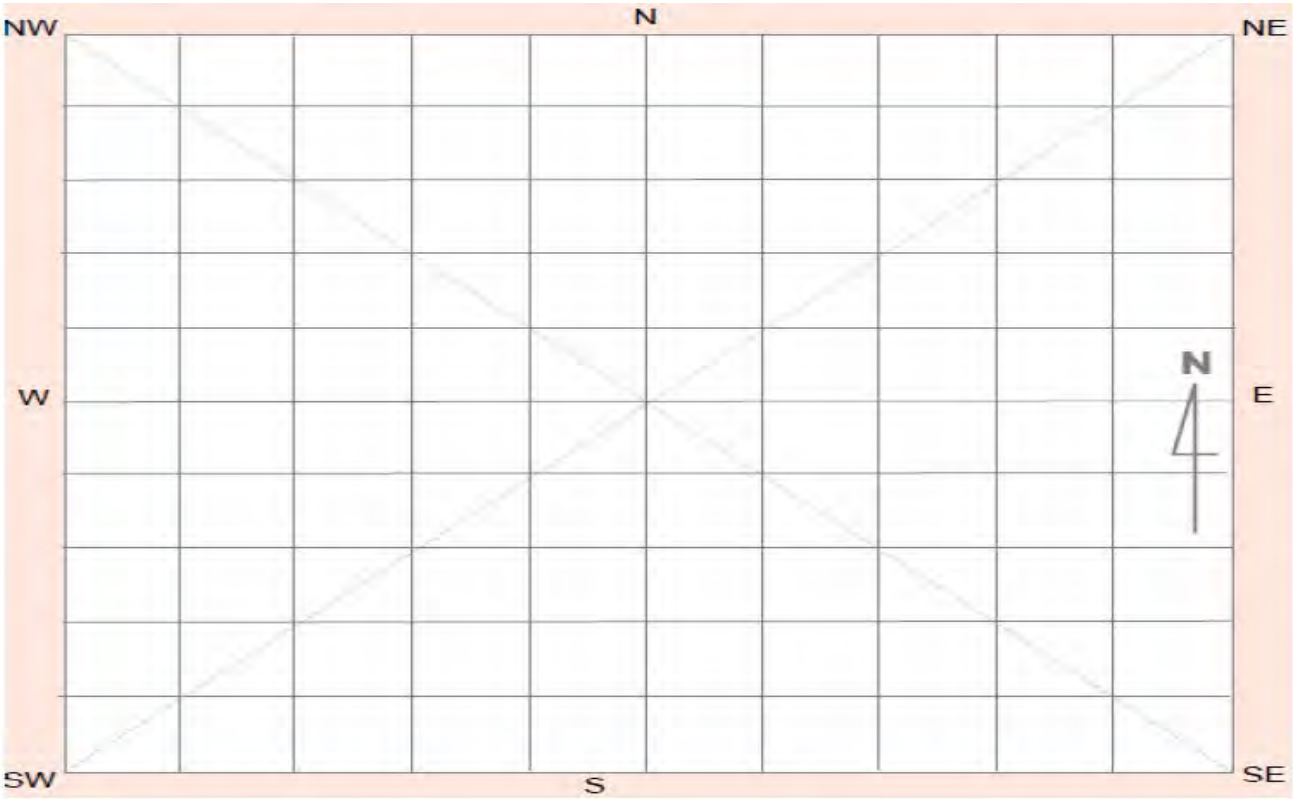
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Stock Damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	7	440	400				

Feature condition: Disturbed

Description:

Artefact scatter comprising quartz flakes (n=3), a single crystal quartz flake and silcrete flakes (n=3), located on rise in proximity to paleochannel.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	4	440	400				

Feature condition: Disturbed

Description:

Four hearths located on rise in proximity to paleochannel.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Hearth site location and condition of surrounding landscape. View east.



Description: Length of identified hearth.



Description: Width of identified hearth.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0269 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HAS5

Easting: 357557 **Northing:** 6128719 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

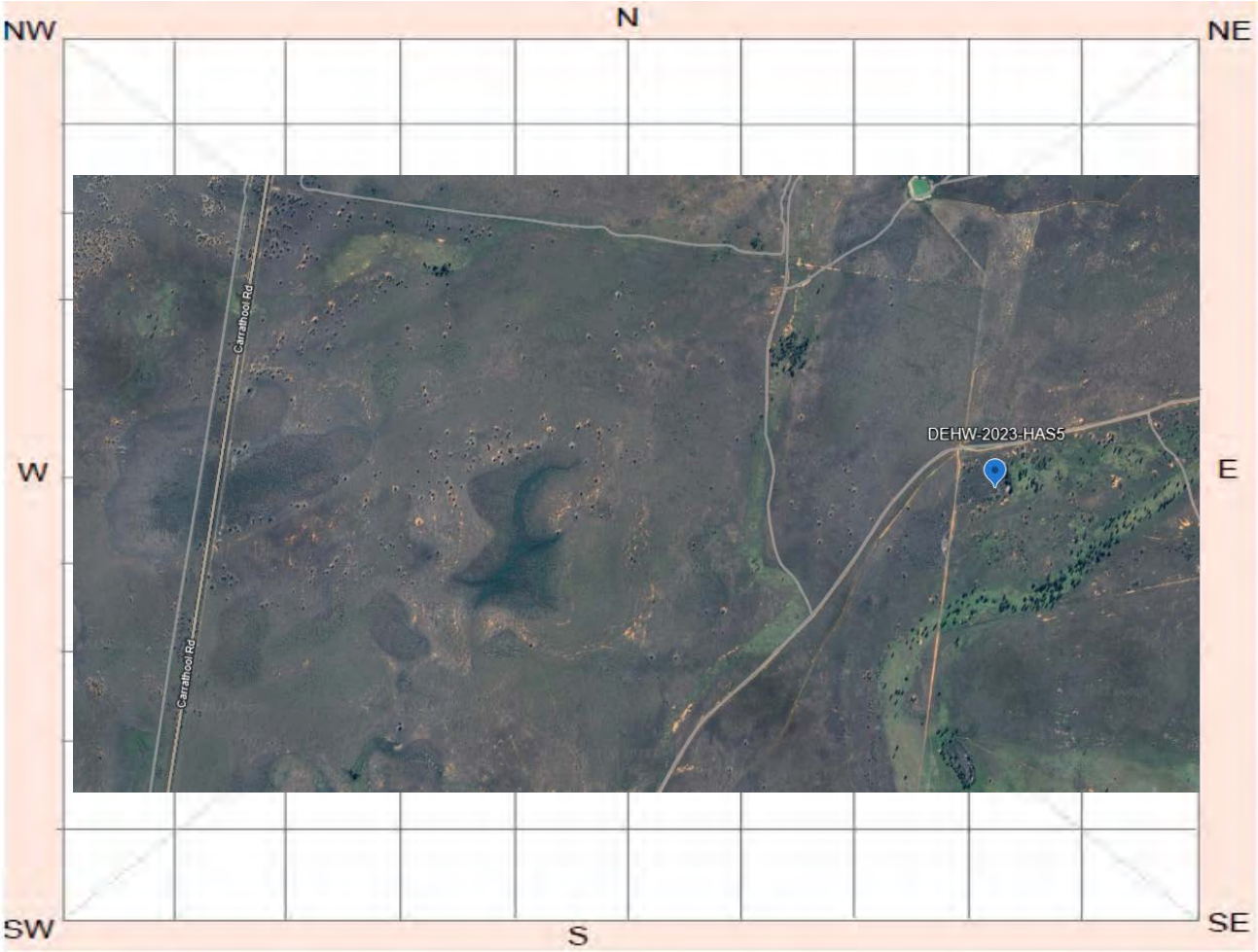
Land Form Unit: Stream Channel **Vegetation:** Open Forest

Distance to Water (m): 250 **Primary Report:** Dinawan Energy Hub Wind ACHA

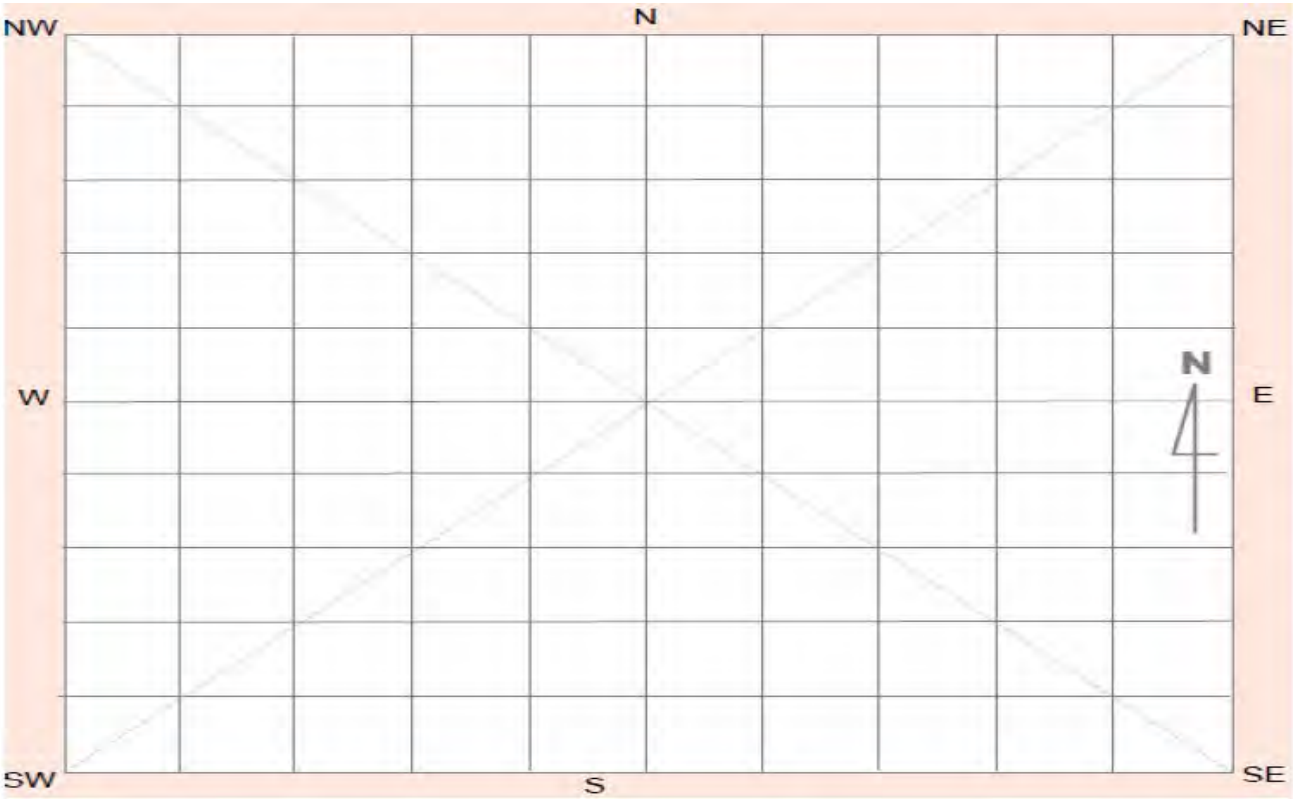
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	9	160	80				

Feature condition: Disturbed

Description:

Artefact scatter comprising silcrete and quartz flakes (n=9) located on scald exposures on terrace in proximity to ephemeral depression and dune system.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	4	160	80				

Feature condition: Disturbed

Description:

Hearths (n=4) located on scald exposures on terrace in proximity to ephemeral depression and dune system.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

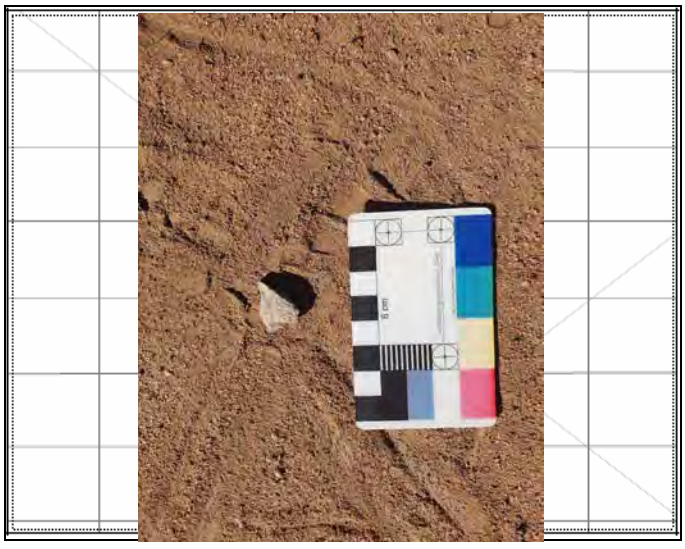
Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

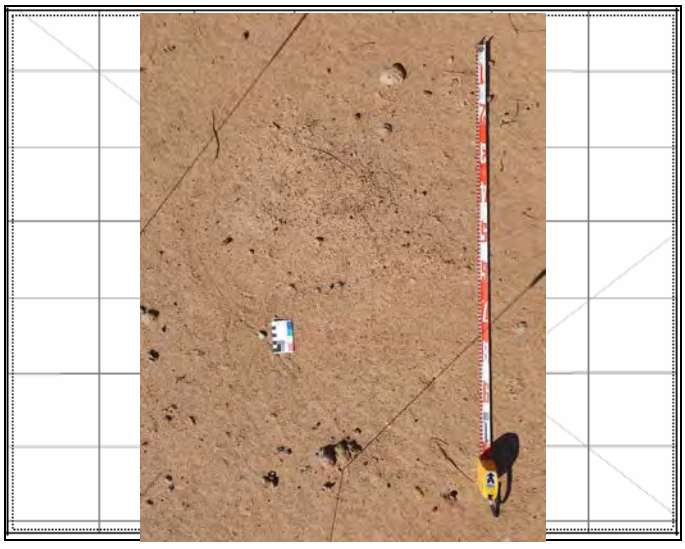
Feature condition:

Description:

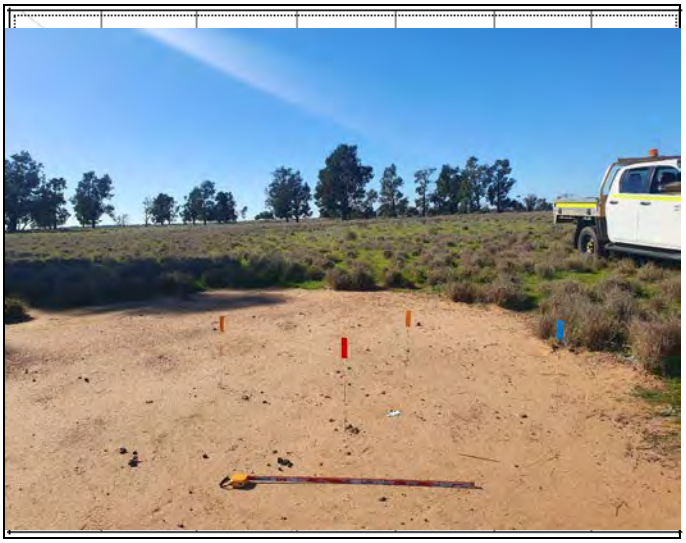
Site photographs



Description: Detailed close up of silcrete flake.



Description: Length of identified hearth.



Description: Hearth site location and condition of surrounding landscape. View north.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0268 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HAS6

Easting: 359321 **Northing:** 6131712 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

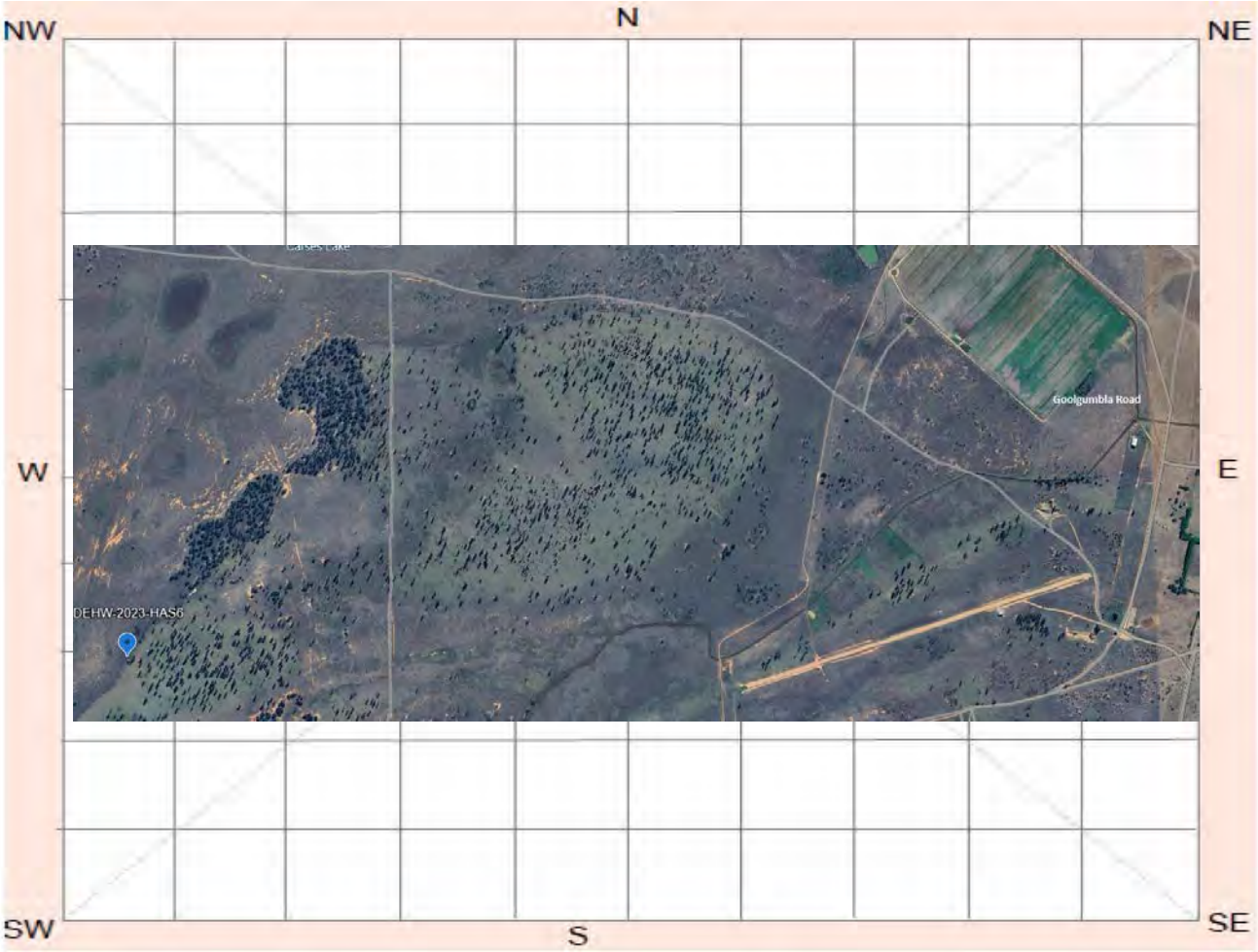
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 1000 **Primary Report:** Dinawan Energy Hub Wind ACHA

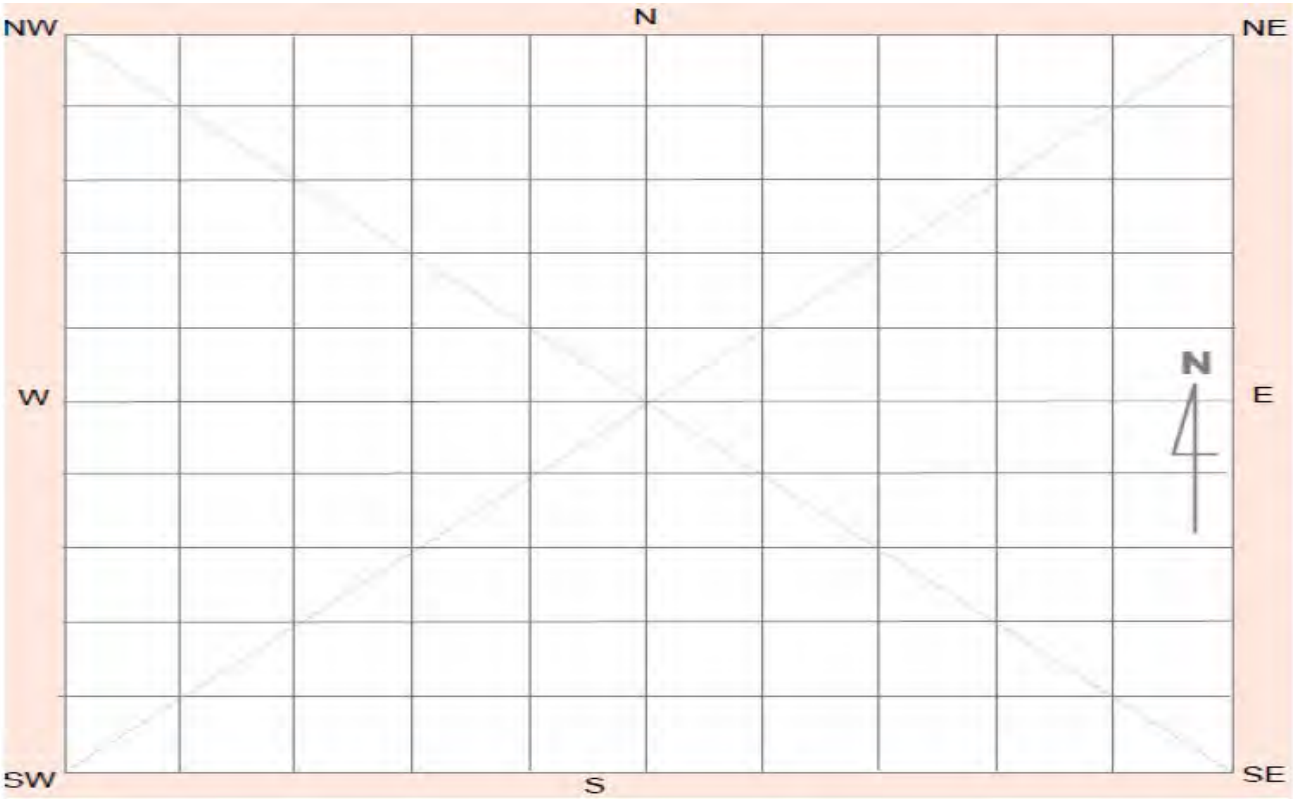
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	2	60	50				

Feature condition: Disturbed

Description:

Artefact scatter comprising of silcrete flakes (n=2). Located on lower contours of sand dune.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2. Hearth	1	60	50				

Feature condition: Disturbed

Description:

Hearth located in proximity to silcrete flakes (n=2). Located on lower contours of sand dune.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Detailed close up of silcrete flakes.



Description: Length of identified hearth.



Description: Width of identified hearth.



Description: Hearth site location and condition of surrounding landscape. View north.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0165 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HAS7

Easting: 379360 **Northing:** 6123800 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

Land Form Unit: Plain **Vegetation:** Isolated clumps of trees

Distance to Water (m): 3200 **Primary Report:** Dinawan Energy Hub Wind ACHA

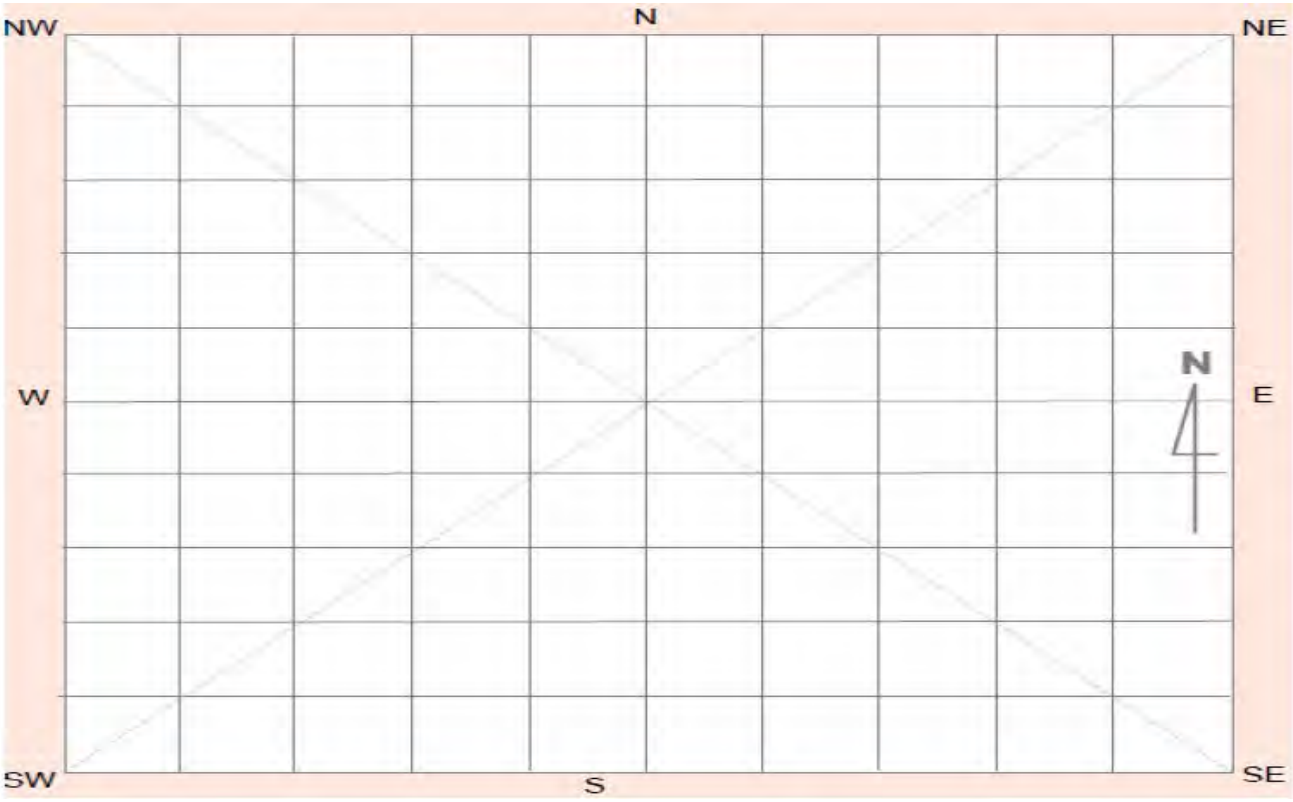
How to get to the site: Access site via Meclennons Bore Road.

Other site information: The landscape indicates the presence of sheet erosion, disturbing the context of the artefact assemblage and the hearths identified.

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	14	130	120				

Feature condition: Disturbed

Description:

Artefact scatter comprising of a silcrete core, quartzite hammerstone, quartz flakes (n=7), basalt flakes (n=1), silcrete flakes (n=3), and a single crystal quartz flake located on scald exposure in proximity to four hearths.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	4	130	120				

Feature condition: Disturbed

Description:

Four hearths, in proximity to a silcrete core, quartzite hammerstone, quartz flakes (n=7), basalt flakes (n=1), silcrete flakes (n=3), and a single crystal quartz flake, located on scald exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

Feature condition:

Description:

Site photographs



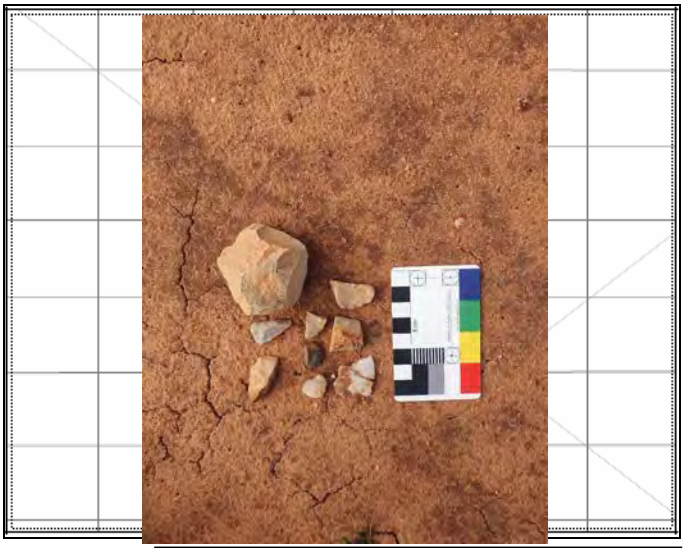
Description: Length of identified hearth.



Description: Width of identified hearth.



Description: Hearth location and condition of surrounding landscape. View north-west.



Description: Detailed close up of flakes, silcrete core and quartzite hammerstone.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General: | Location:

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0267 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HAS8

Easting: 361399 **Northing:** 6139695 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Open Forest

Distance to Water (m): 1450 **Primary Report:** Dinawan Energy Hub Wind ACHA

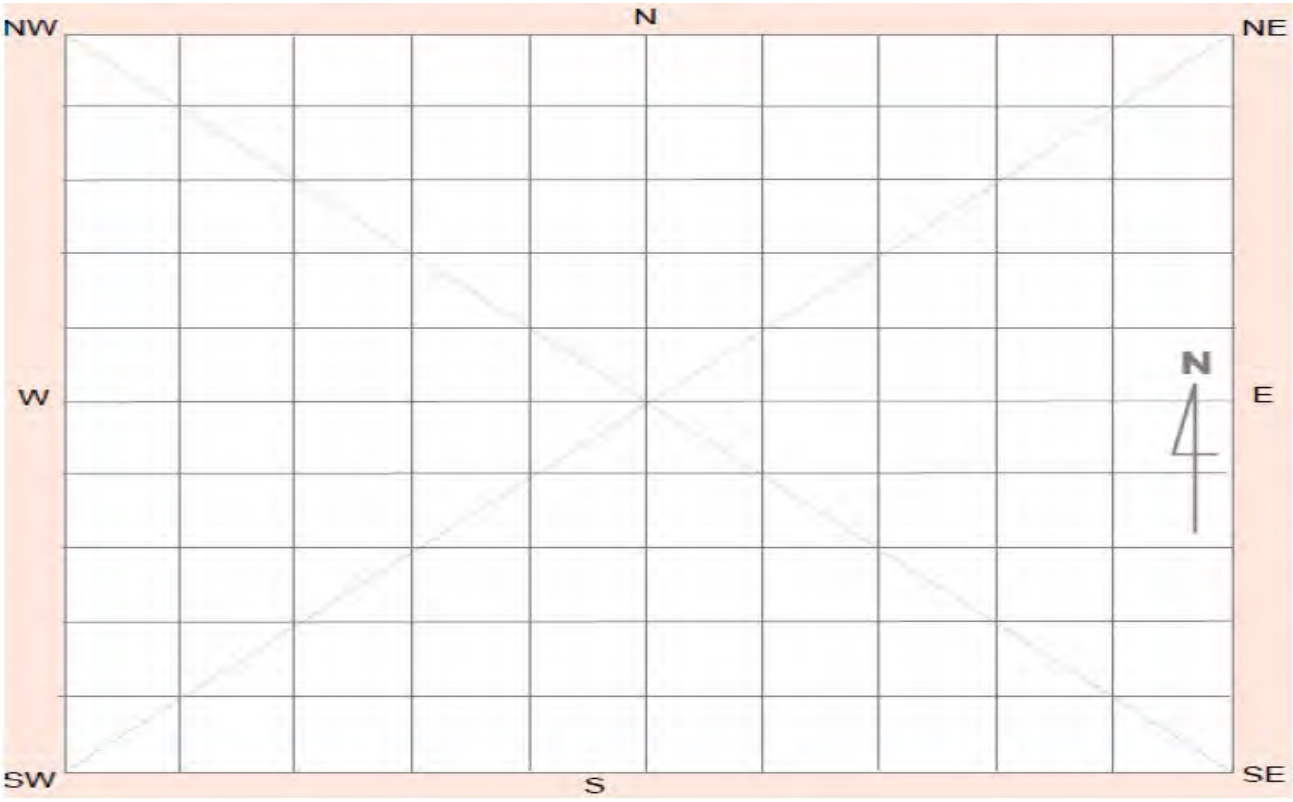
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	3	160	40				

Feature condition: Disturbed

Description:

Artefact scatter comprising with three quartz flakes identified associated with ovoid hearth observed.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	1	160	40				

Feature condition: Disturbed

Description:

Single ovoid hearth, associated with three quartz flakes identified.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Detailed close up of silcrete flake.



Description: Length of identified hearth.



Description: Width of identified hearth.



Description: Hearth location and condition of surrounding landscape. View north.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General: | Location:

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0164 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HAS9

Easting: 383137 **Northing:** 6122931 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

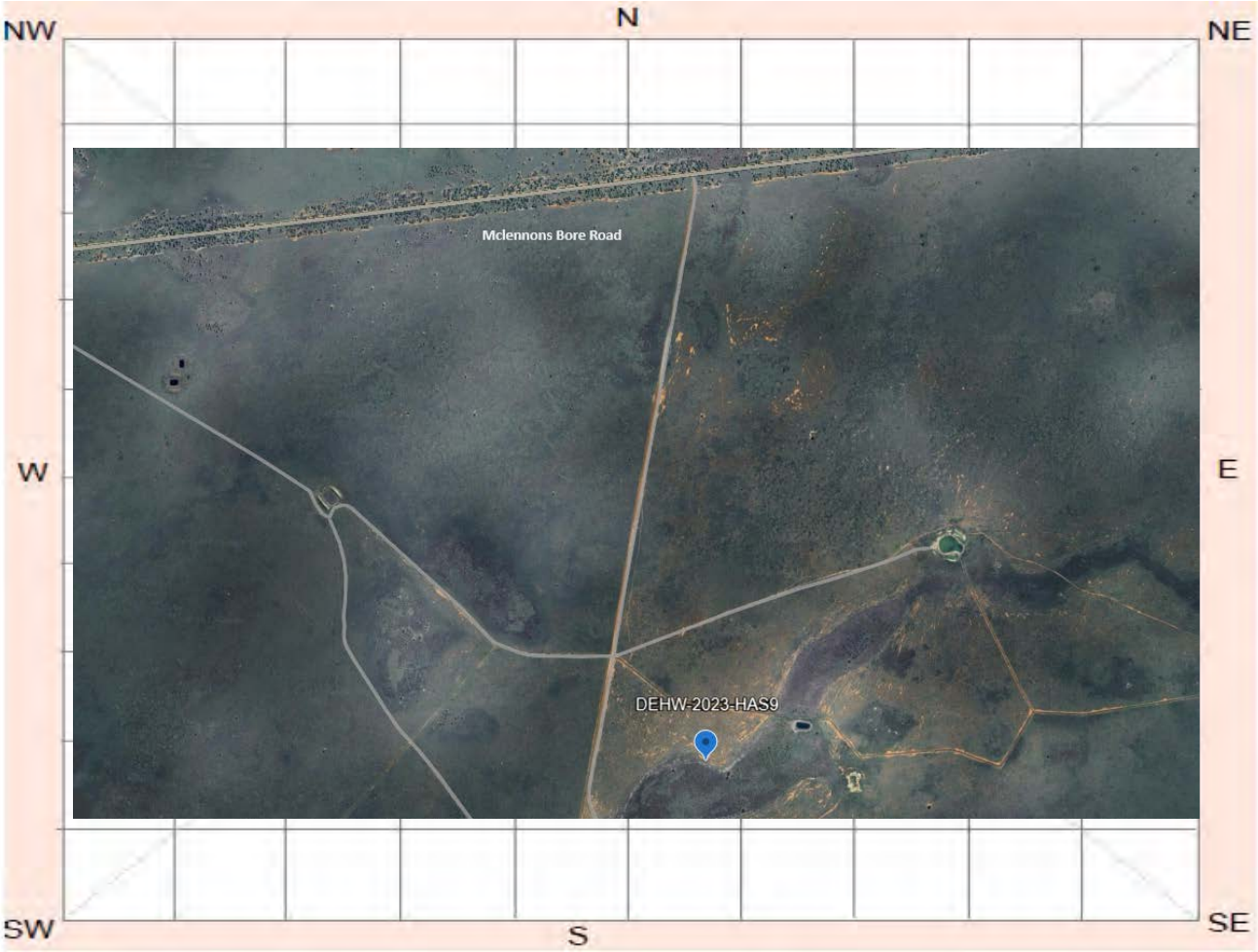
Land Form Unit: Stream Channel **Vegetation:** Grasslands

Distance to Water (m): 100 **Primary Report:** Dinawan Energy Hub Wind ACHA

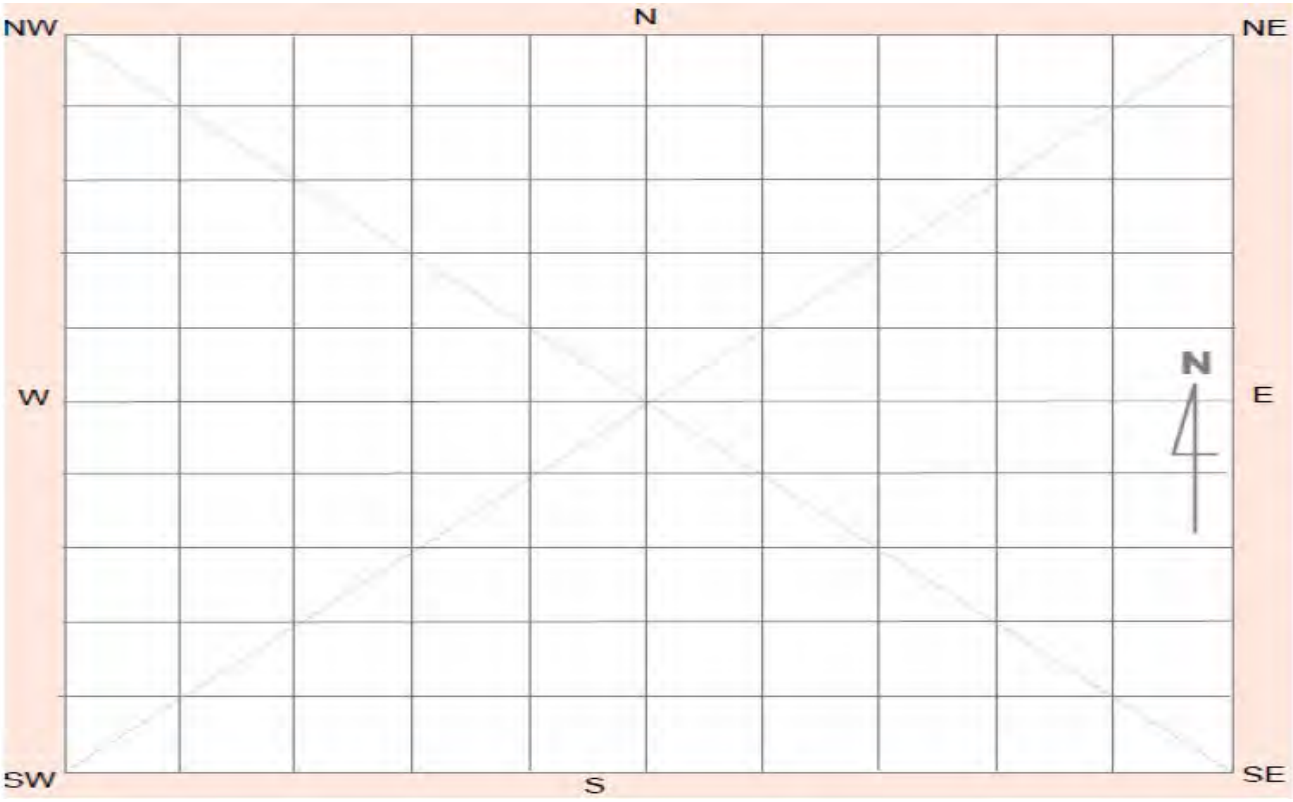
How to get to the site: Access site via Mclennons Bore Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1.	Artefact	6	200	140				

Feature condition: Disturbed

Description:

Artefact scatter comprising of tentative quartz (n=5), silcrete (n=1) and chert (n=1) flakes associated with tentative eroded hearth.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.	Hearth	1	200	140				

Feature condition: Erosion

Description:

Tentative eroded hearth with small in-situ clay balls in the surrounds associated with artefact scatter comprising of quartz (n=5), silcrete (n=1) and chert (n=1) flakes located on erosion scar.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

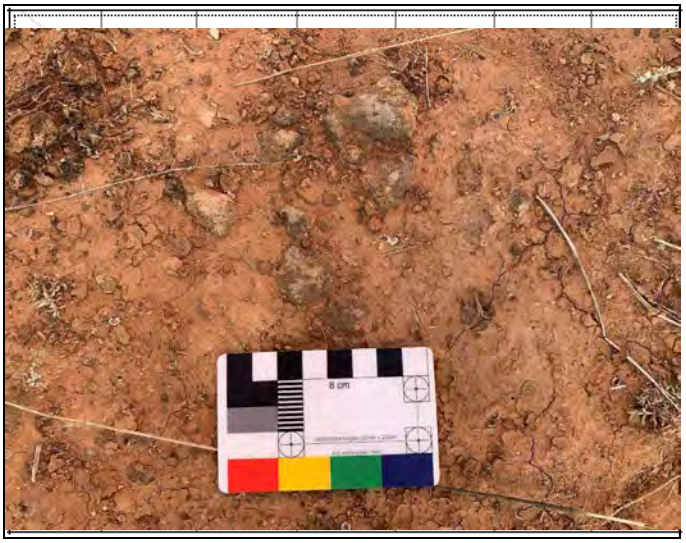
Site photographs



Description: Detailed close up of quartz flake.



Description: Length of identified hearth.



Description: Detailed close up of clay balls in proximity to hearth.



Description: Location of quartz flake and condition of surrounding landscape. View south.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General: | Location:

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0266 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HAS10

Easting: 354283 **Northing:** 6129816 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

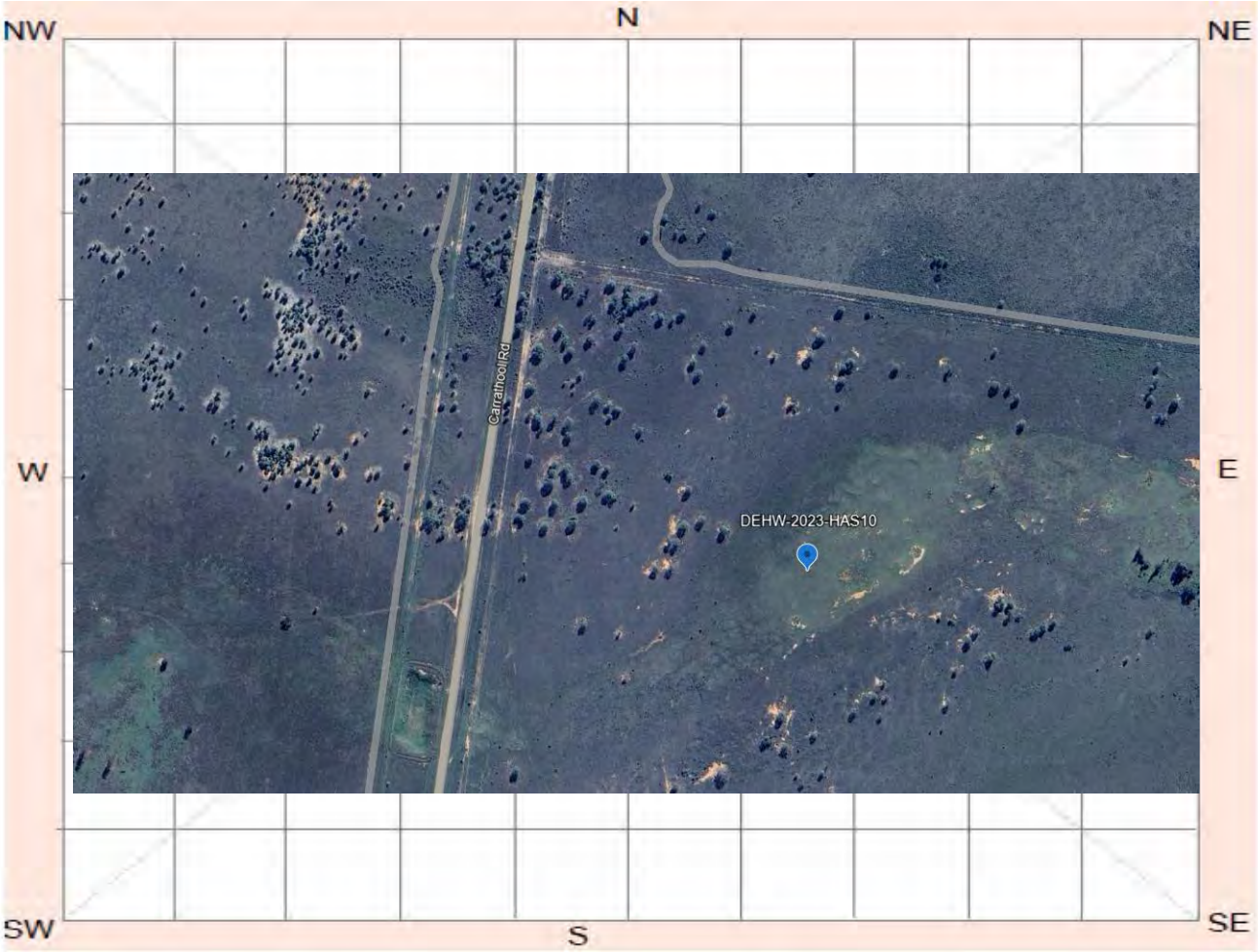
Land Form Unit: Terrace **Vegetation:** Grasslands

Distance to Water (m): 1700 **Primary Report:** Dinawan Energy Hub Wind ACHA

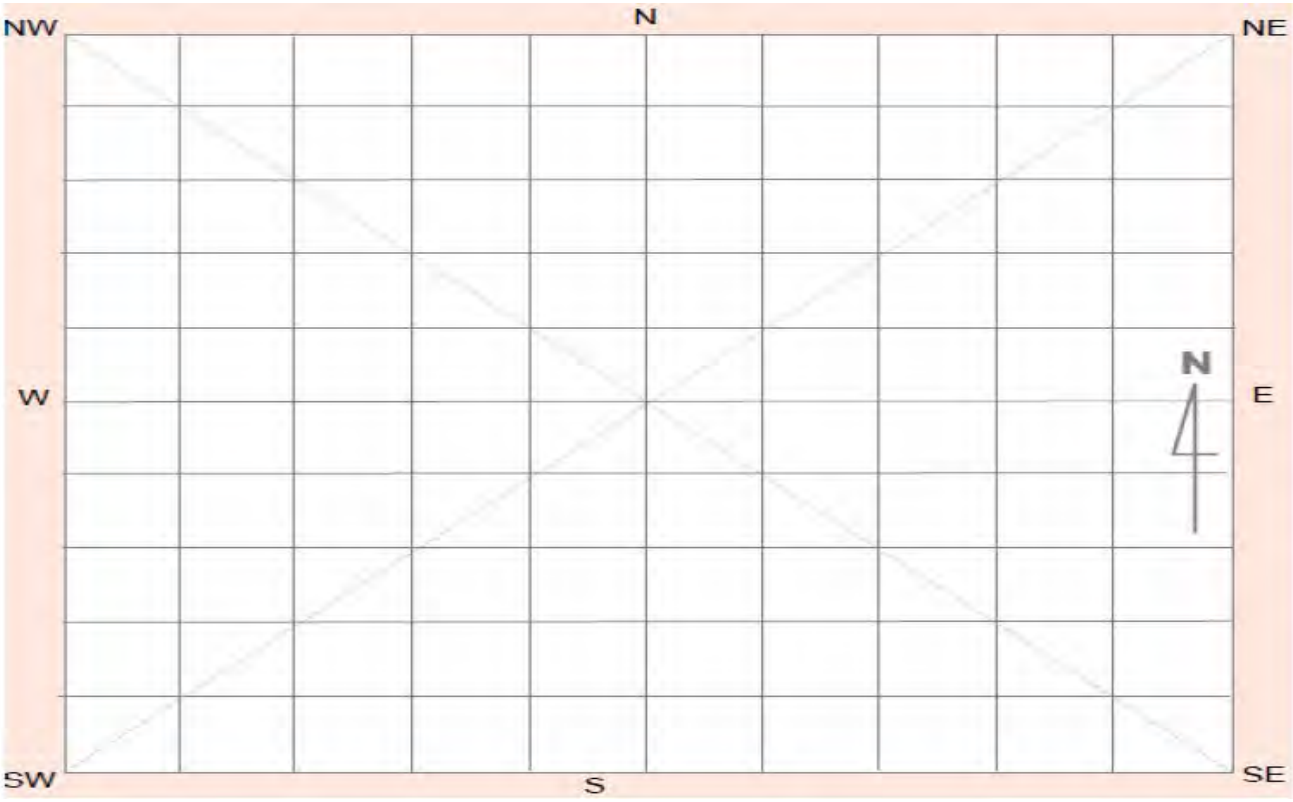
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1.	Artefact	3	470	150				

Feature condition: Disturbed

Description:

Artefact scatter comprising of quartz material associated with identified hearth sites.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.	Hearth	7	470	150				

Feature condition: Disturbed

Description:

Several hearths identified located on scald exposure on paleochannel landscape. One hearth is considered to be remnant material of a larger hearth with another considered disturbed, potentially containing two hearths with large eroding clay balls associated with quartz material. Another hearth indicates a potentially larger hearth extent due to presence of insitu clay balls near main hearth.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

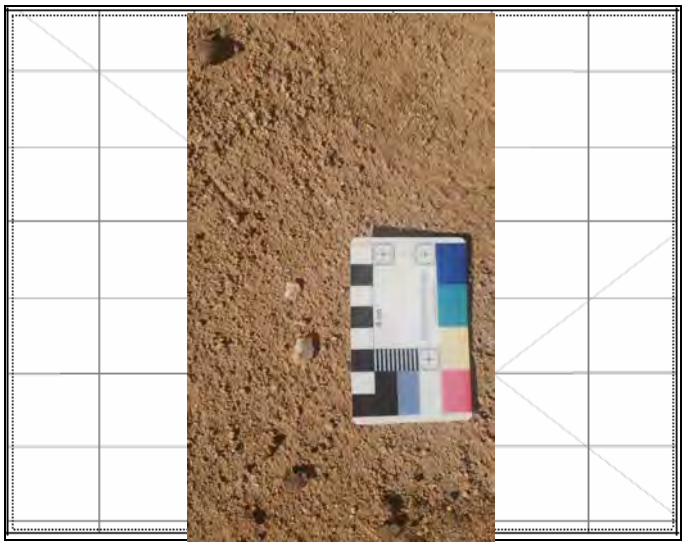
Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

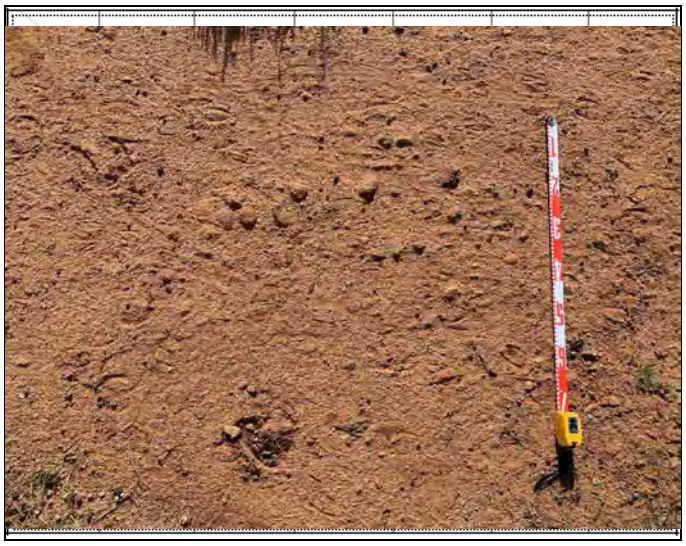
Feature condition:

Description:

Site photographs



Description: Detailed close up of quartz flakes.



Description: Length of identified hearth.



Description: Width of identified hearth.



Description: Location of hearth and condition of surrounding landscape. View north.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0265 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HAS11

Easting: 360708 **Northing:** 6129789 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

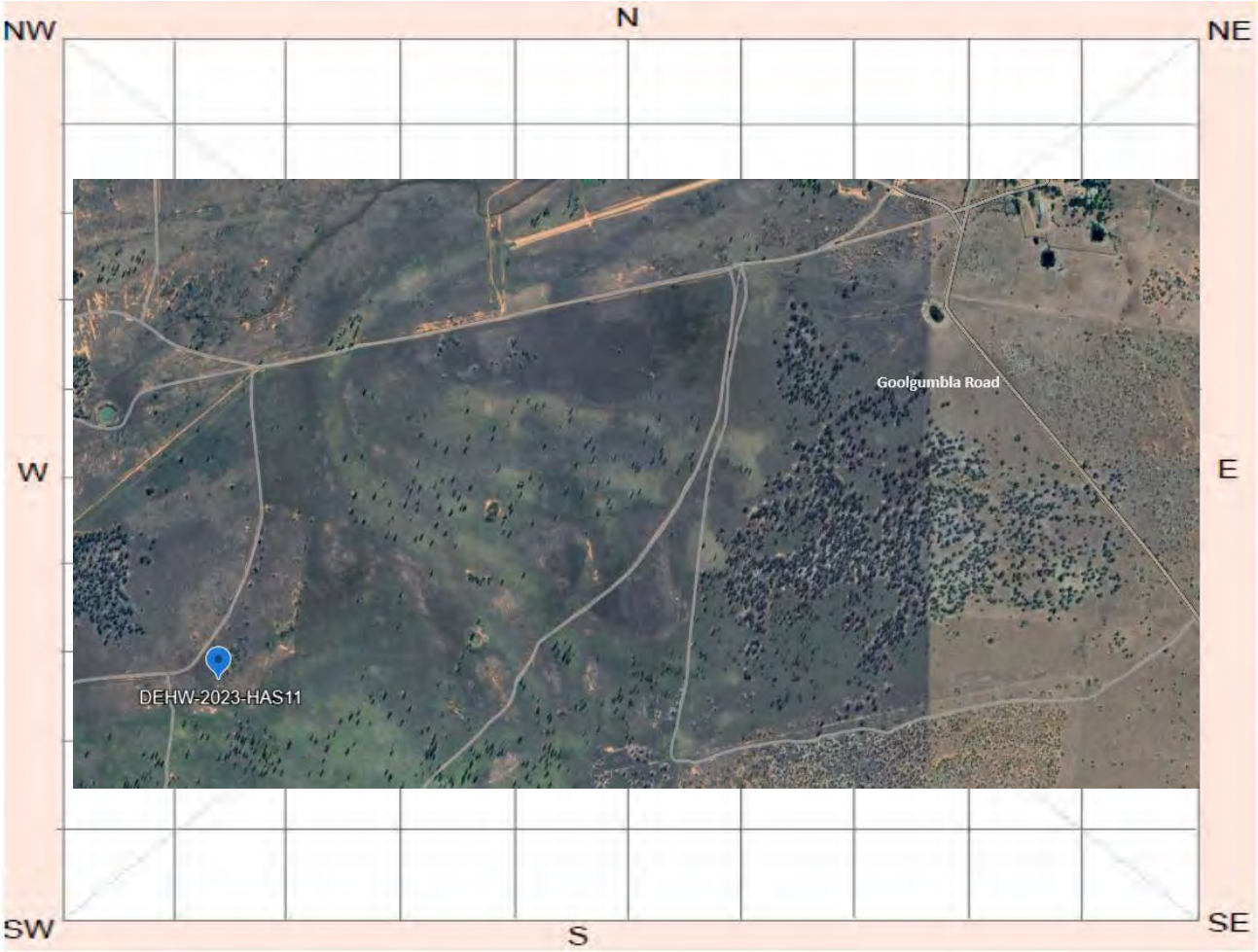
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 1200 **Primary Report:** Dinawan Energy Hub Wind ACHA

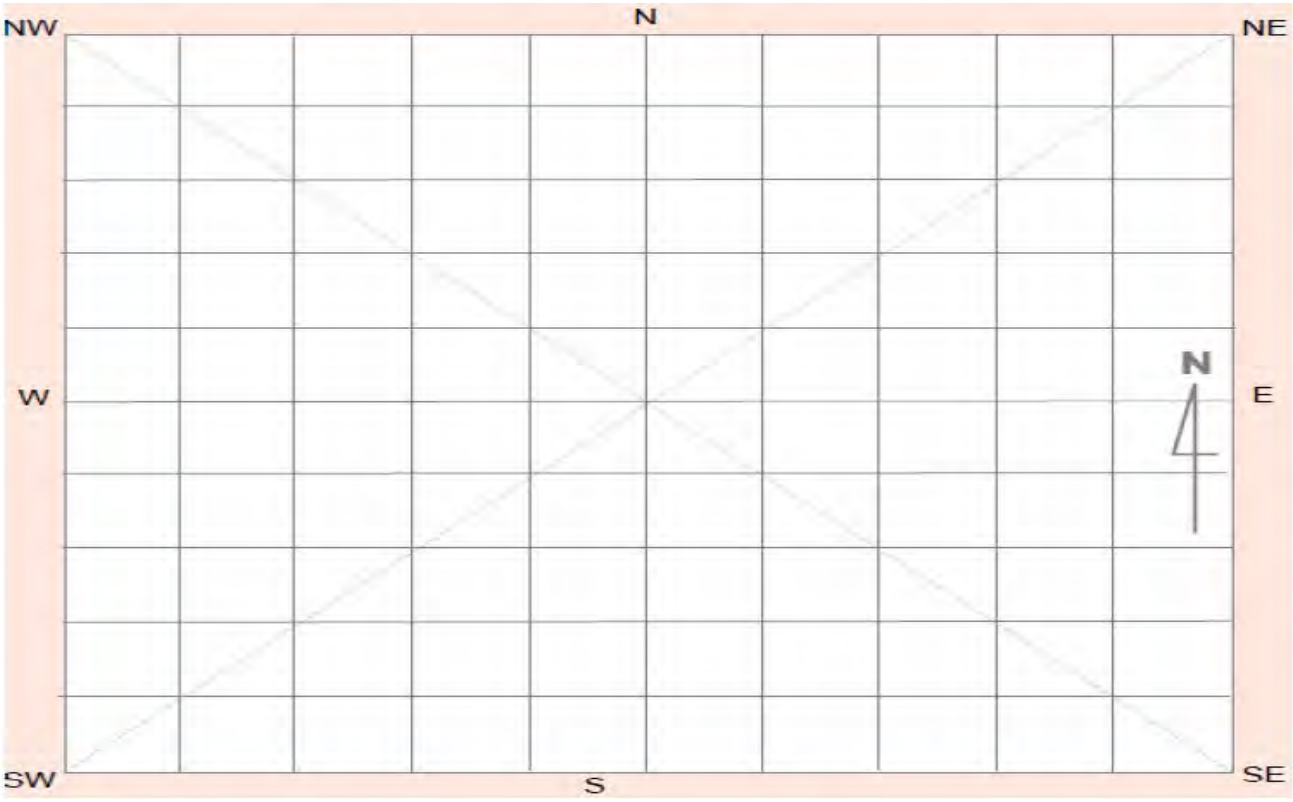
How to get to the site: Access site via Goolgumbla Road.

Other site information: Site situated on gilgai landscape measuring approximately 40 x 40m with exposure at 70% and visibility at 10%.

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	5	130	50				

Feature condition: Disturbed

Description:

Artefact scatter comprising silcrete (n=4) and quartz flakes (n=1) associated with the two eroded hearths located on rise of gilgai.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	2	130	50				

Feature condition: Disturbed

Description:

Eroded hearths identified associated with artefact scatter comprising silcrete (n=4) and quartz flakes (n=1), located on rise of gilgai.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

Site photographs



Description: Length of first hearths identified.



Description: Length of second hearth identified.



Description: Site location and condition of surrounding landscape. View north.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General: | Location:

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0163 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HAS12

Easting: 390345 **Northing:** 6126225 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

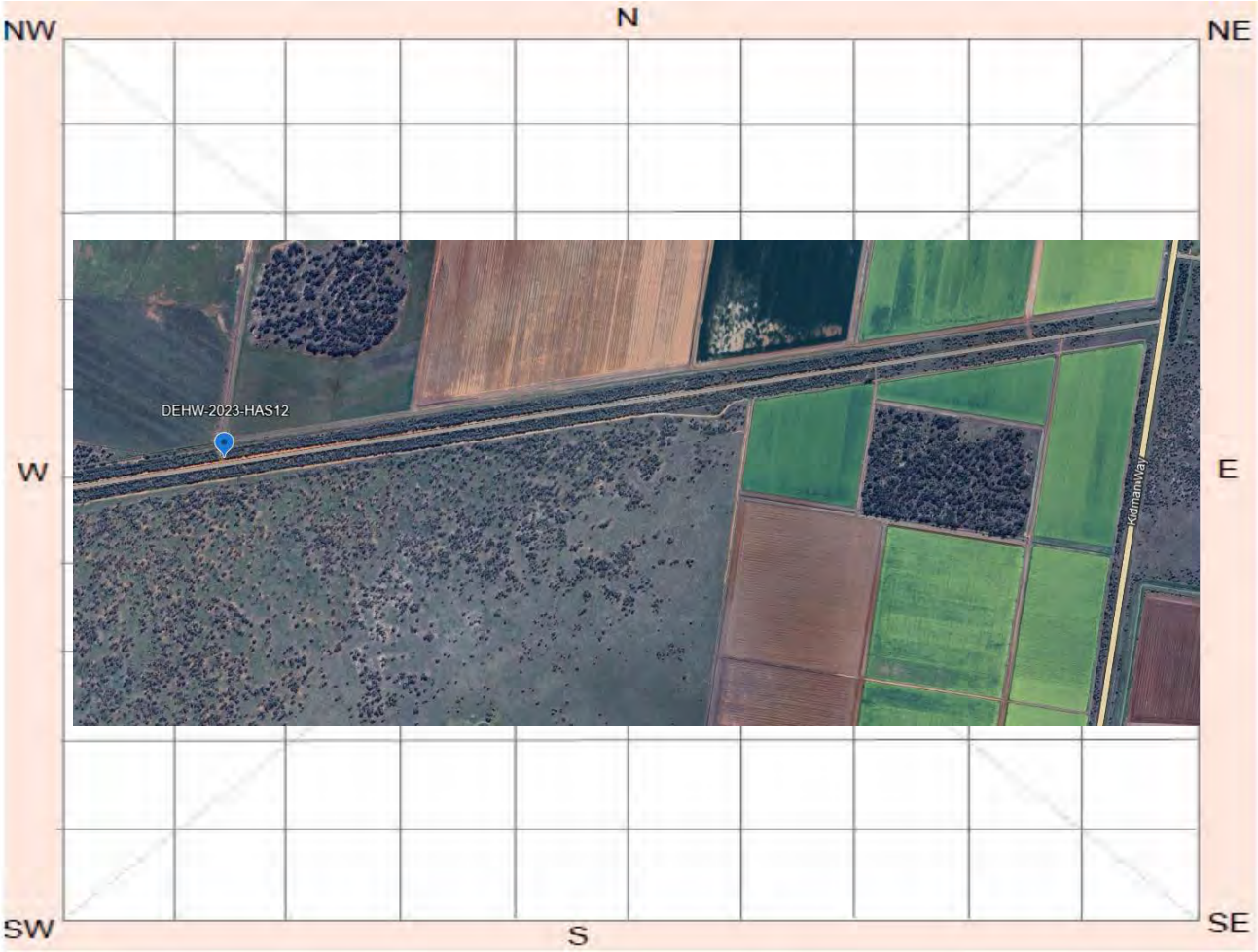
Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 20 **Primary Report:** Dinawan Energy Hub Wind ACHA

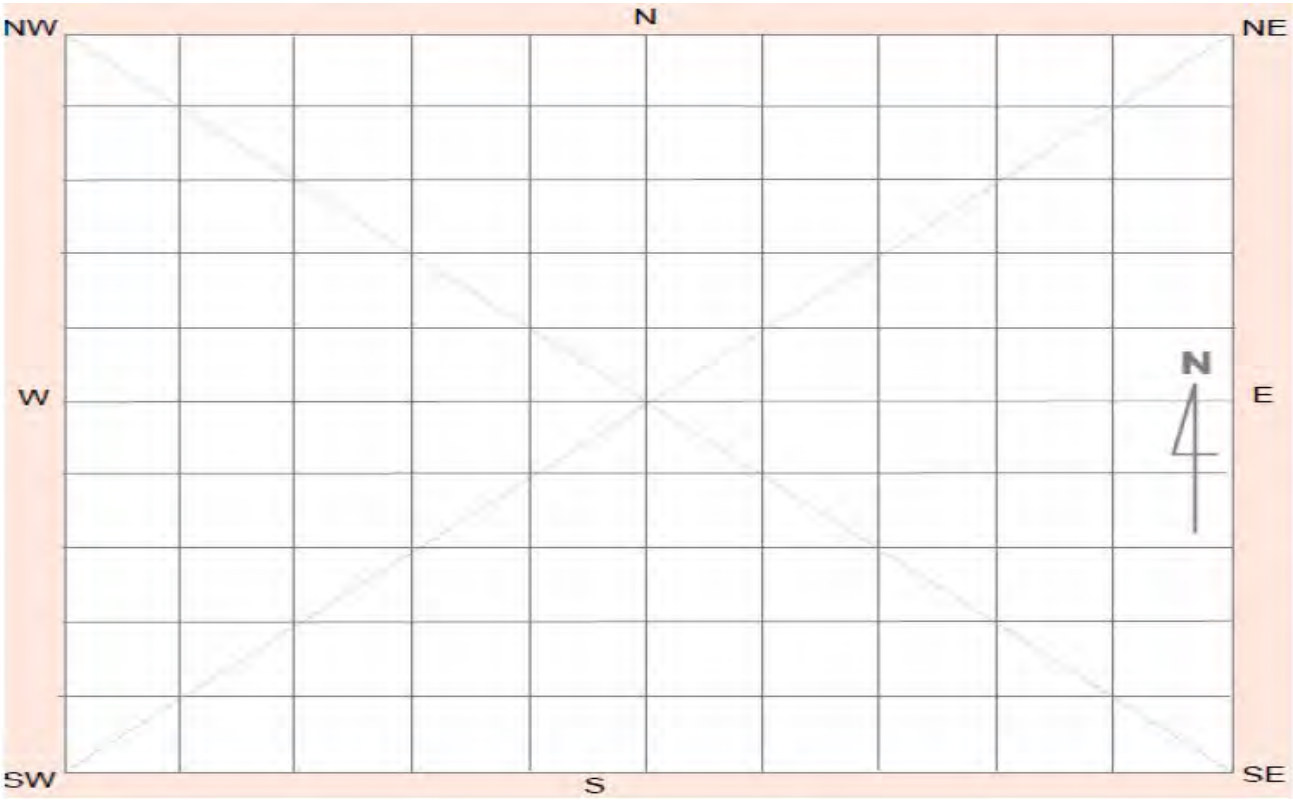
How to get to the site: Access site via Kidman Way

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scar Regrowth (cm)	Scar shape	Tree Species
1.	Artefact	5	130	2800				

Feature condition: Disturbed

Description:

Artefact scatter comprising silcrete flakes (n=4) and a singular quartz flake associated with two tentative hearths and an oven mound located on a road exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scar Regrowth (cm)	Scar shape	Tree Species
2.	Earth Mound	1	130	2800				

Feature condition: Disturbed

Description:

An oven mound associated with an artefact scatter comprising silcrete flakes (n=4) and a singular quartz flake and two tentative hearths located on a road exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scar Regrowth (cm)	Scar shape	Tree Species
3.	Hearth	2	130	2800				

Feature condition: Disturbed

Description:

Two tentative hearths associated with an artefact scatter comprising silcrete flakes (n=4) and a singular quartz flake and an oven mound located on a road exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

Site photographs



Description: Location of flake and condition of surrounding landscape. View north.



Description: Detailed close up of silcrete flake.



Description: Length of identified hearth.



Description: Location of hearth and condition of surrounding landscape. View north.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0162 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HAS13

Easting: 380363 **Northing:** 6124477 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Transport Corridor

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 1800 **Primary Report:** Dinawan Energy Hub Wind ACHA

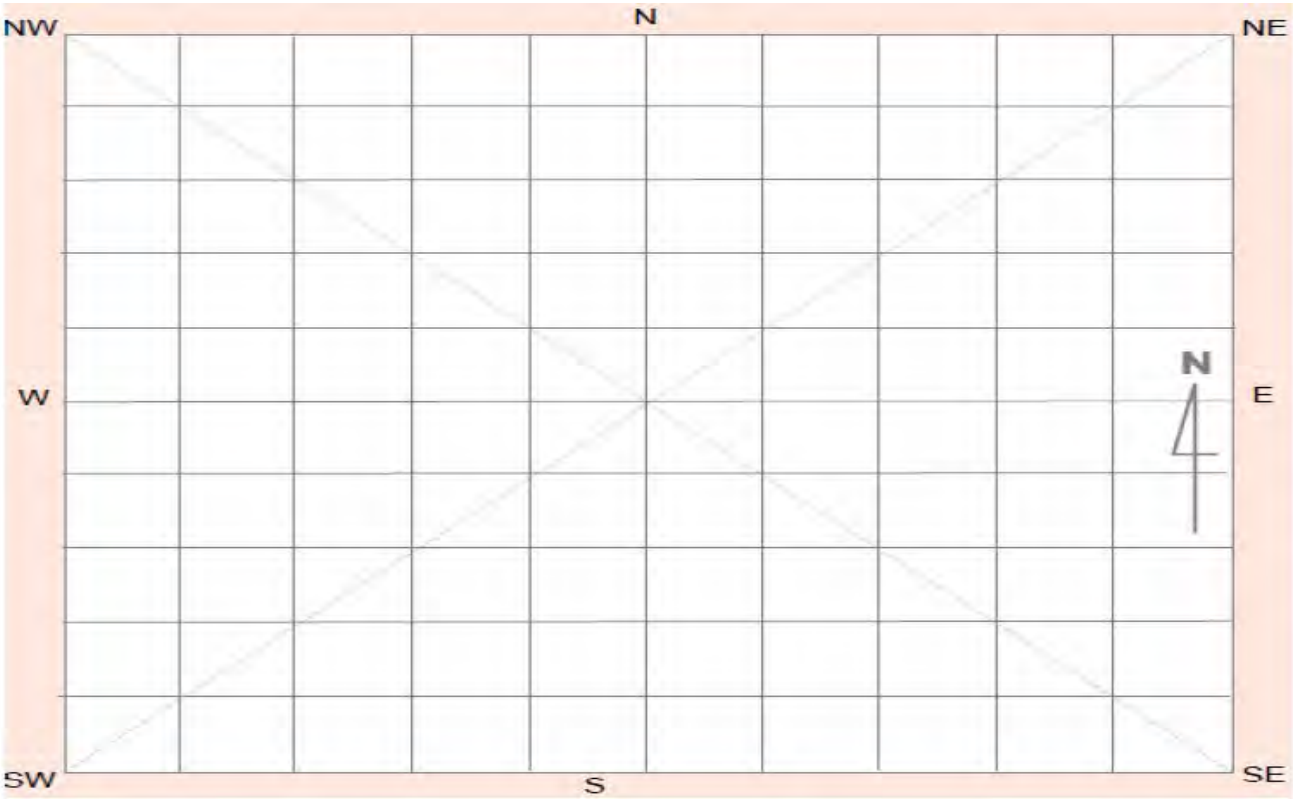
How to get to the site: Access site via Mclennons Bore Road.

Other site information: The site was identified in close proximity to AHIMS sites observed by Navin officer, #55-1-0053 and #55-1-0052

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	21	110	30				

Feature condition: Disturbed

Description:

Artefact scatter comprising of silcrete (n=8) and quartz flakes (n=13) associated with a tentative hearth situated on an erosion scar on an access road.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	1	110	30				

Feature condition: Disturbed

Description:

Tentative hearth associated with artefact scatter comprising of silcrete (n=8) and quartz flakes (n=13) situated on an erosion scar on an access road.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

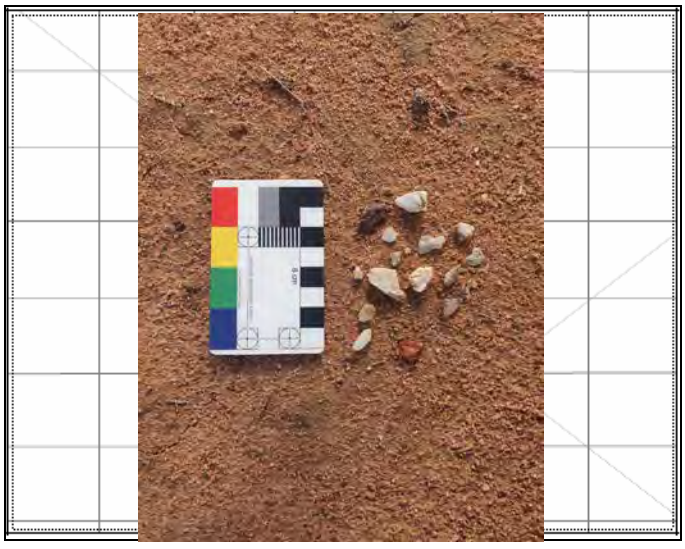
Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Detailed close up of silcrete and quartz flakes.



Description: Length of identified hearth.



Description: Location of flakes and condition of surrounding landscape. View north-east.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0161 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HASPAD1

Easting: 371756 **Northing:** 6123237 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Terrace **Vegetation:** Cleared

Distance to Water (m): 1050 **Primary Report:** Dinawan Energy Hub Wind ACHA

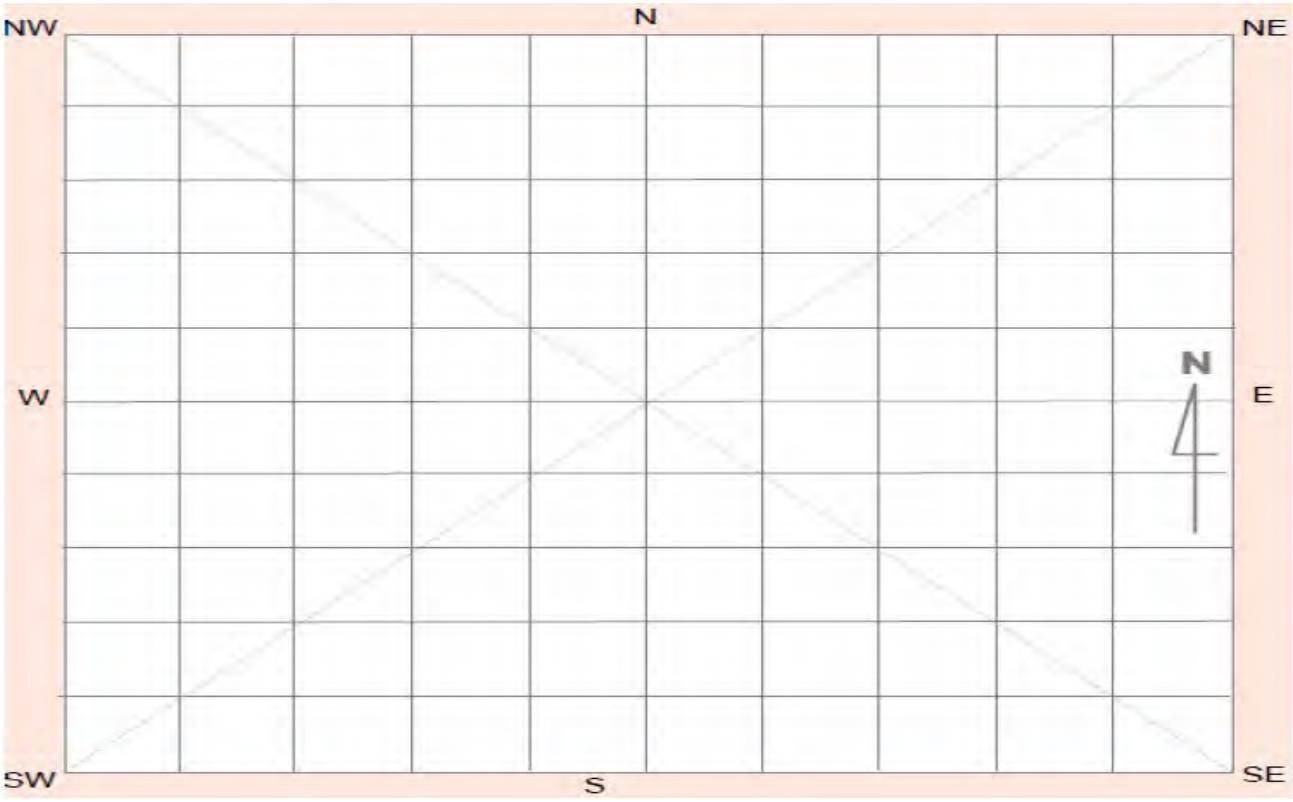
How to get to the site: Access site at the corner of Wilson Road and Mclennons Bore Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	61	350	40				

Feature condition: Disturbed

Description:

Artefact scatter and PAD comprising of 22 flaked pieces of silcrete and quartz, a quartzite Kulki percussion muller (Kulki-type pestle), a sandstone grinding stone fragment and a quartzite core located in proximity to a tentative hearth located on a terrace and road exposure, near an ephemeral depression.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	1	350	40				

Feature condition: Disturbed

Description:

Tentative hearth associated with an artefact scatter and PAD comprising of 22 flaked pieces of silcrete and quartz, a quartzite Kulki percussion muller (Kulki-type pestle), a sandstone grinding stone fragment and a quartzite core located on a terrace and road exposure, near an ephemeral depression.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.	Potential Archaeological Deposit		350	40				

Feature condition: Disturbed

Description:

PAD associated with tentative hearth and artefact scatter comprising of 22 flaked pieces of silcrete and quartz, a quartzite Kulki percussion muller (Kulki-type pestle), a sandstone grinding stone fragment and a quartzite core located on a terrace and road exposure, near an ephemeral depression.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

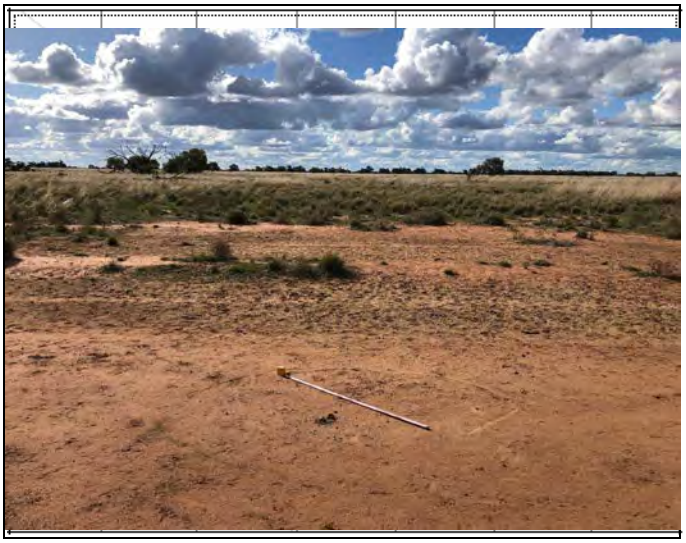
Site photographs



Description: Detailed close up of silcrete and quartz flakes.



Description: Length of hearth identified.



Description: Location of hearth and condition of surrounding landscape. View north.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General: | Location:

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0160 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HASPAD2

Easting: 375700 **Northing:** 6124332 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

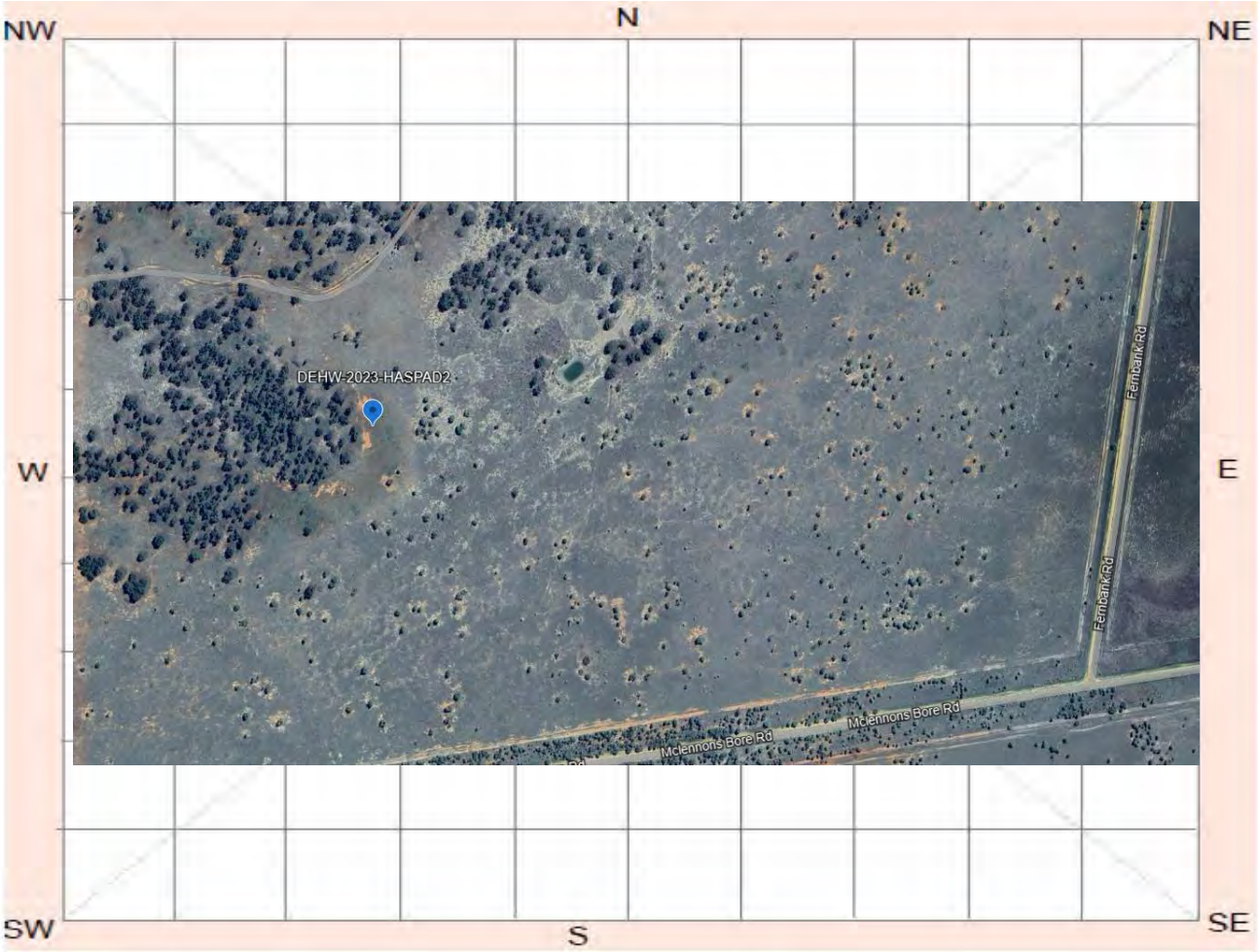
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 1800 **Primary Report:** Dinawan Energy Hub Wind ACHA

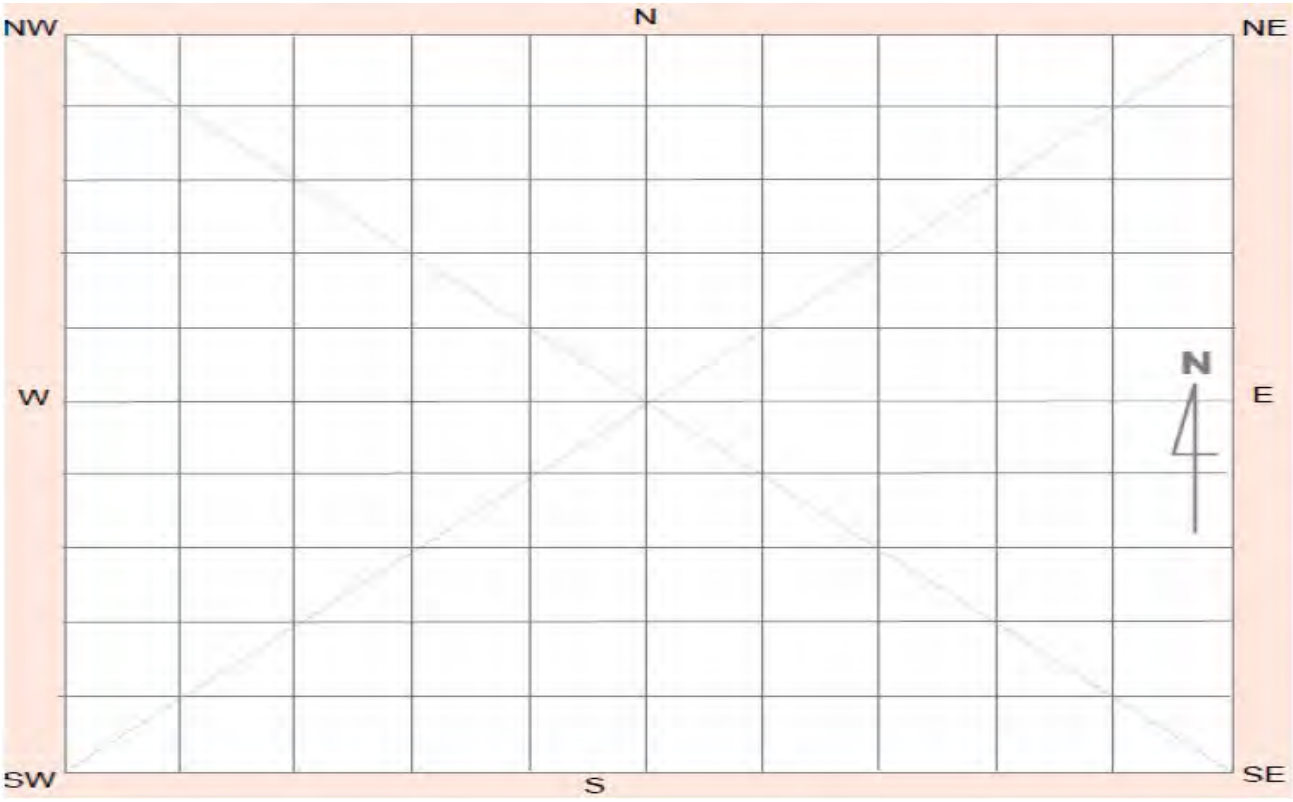
How to get to the site: Access site via Mclennons Bore Road and Fernbank Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	5	170	140				

Feature condition: Disturbed

Description:

Artefact scatter comprising quartz flakes (n=4) and one quartzite flake associated with three potential hearths with PAD on mound surrounding east side, located on erosion scald, on a lunette by gilgai.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	3	170	140				

Feature condition: Disturbed

Description:

Three potential hearths associated with an artefact scatter comprising quartz flakes (n=4) and one quartzite flake with PAD on mound surrounding east side, located on erosion scald, on a lunette by gilgai.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.	Potential Archaeological Deposit		140	170				

Feature condition: Disturbed

Description:

PAD on mound surrounding east side associated with three potential hearths and an artefact scatter comprising quartz flakes (n=4) and one quartzite flake located on erosion scald, on a lunette by gilgai.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Detailed close up of flakes.



Description: Length of identified hearth.



Description: Location of hearth and condition of surrounding landscape. View north.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 49-4-0237 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HASPAD3

Easting: 363304 **Northing:** 6140613 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 2500 **Primary Report:** Dinawan Energy Hub Wind ACHA

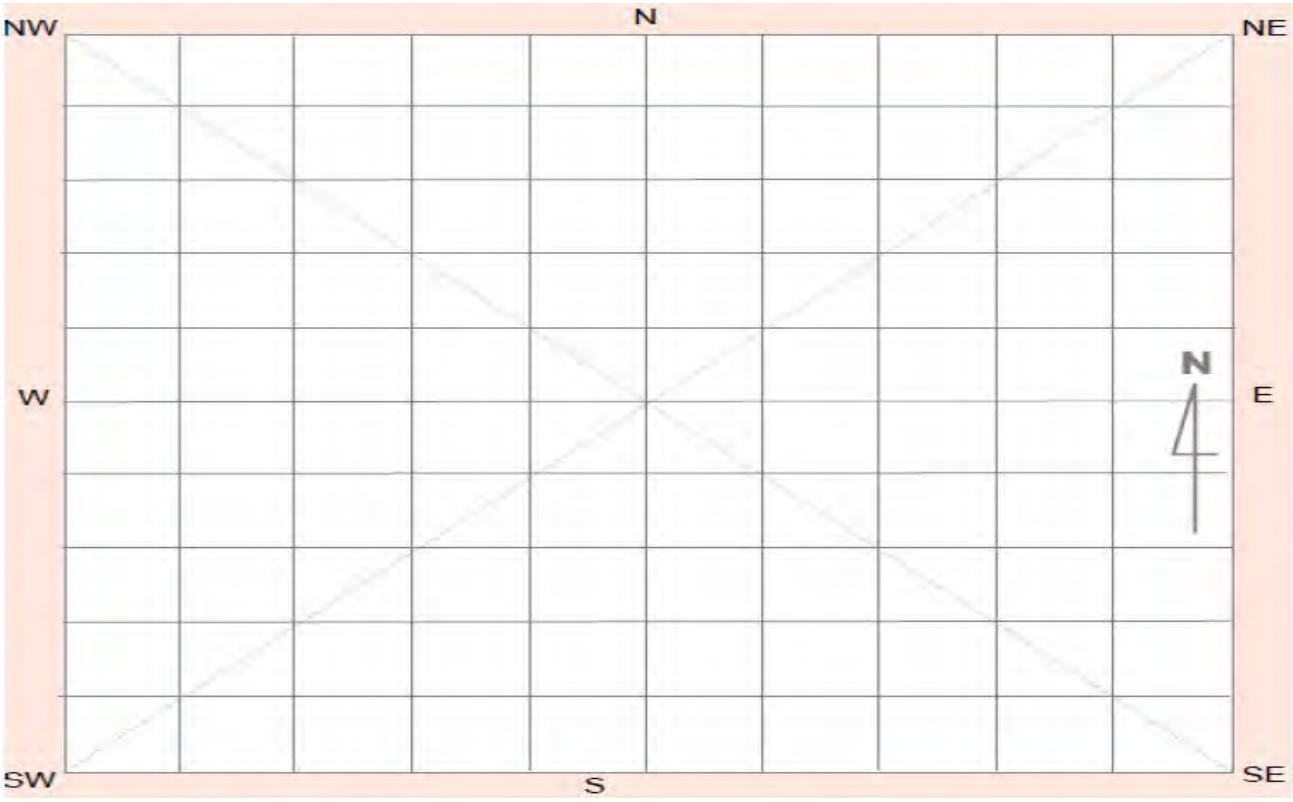
How to get to the site: Access site via Four Corners Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	2	350	100				

Feature condition: Disturbed

Description:

Artefact scatter comprising silcrete flake and a quartz flake associated with PAD and two hearth identified with one measuring approx.. 2x0.7m, with another approx.1.5x0.6m, located on scald exposures.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	2	350	100				

Feature condition: Disturbed

Description:

Two hearth identified with one measuring approx.. 2x0.7m, with another approx.1.5x0.6m associated with artefact scatter and PAD comprising silcrete flake and a quartz flake, located on scald exposures.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.	Potential Archaeological Deposit		350	100				

Feature condition: Disturbed

Description:

PAD associated with artefact scatter comprising silcrete flake and a quartz flake and two hearth identified with one measuring approx.. 2x0.7m, with another approx.1.5x0.6m, located on scald exposures.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Detailed close up of quartz flake.



Description: Length of hearth identified.



Description: Width of hearth identified.



Description: Location of hearth and condition of surrounding landscape. View south.

Site restrictions

Do you want to Restrict this site?:

Restriction type:

Gender	General	Location
N/A		

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0264 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HASST1

Easting: 356482 **Northing:** 6129754 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Floodplain **Land Use:** Pastoral/Grazing

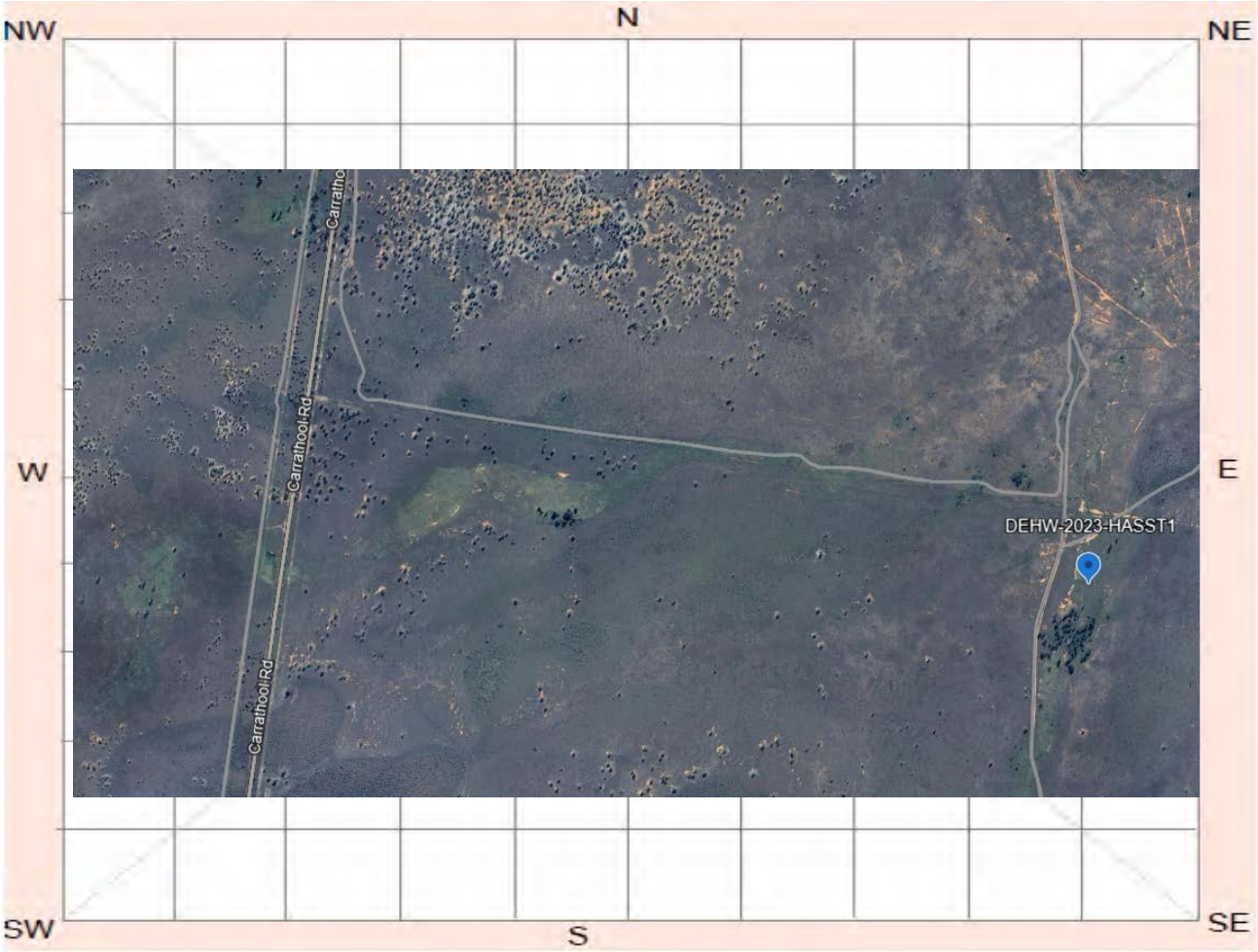
Land Form Unit: Plain **Vegetation:** Isolated clumps of trees

Distance to Water (m): 950 **Primary Report:** Dinawan Energy Hub Wind ACHA

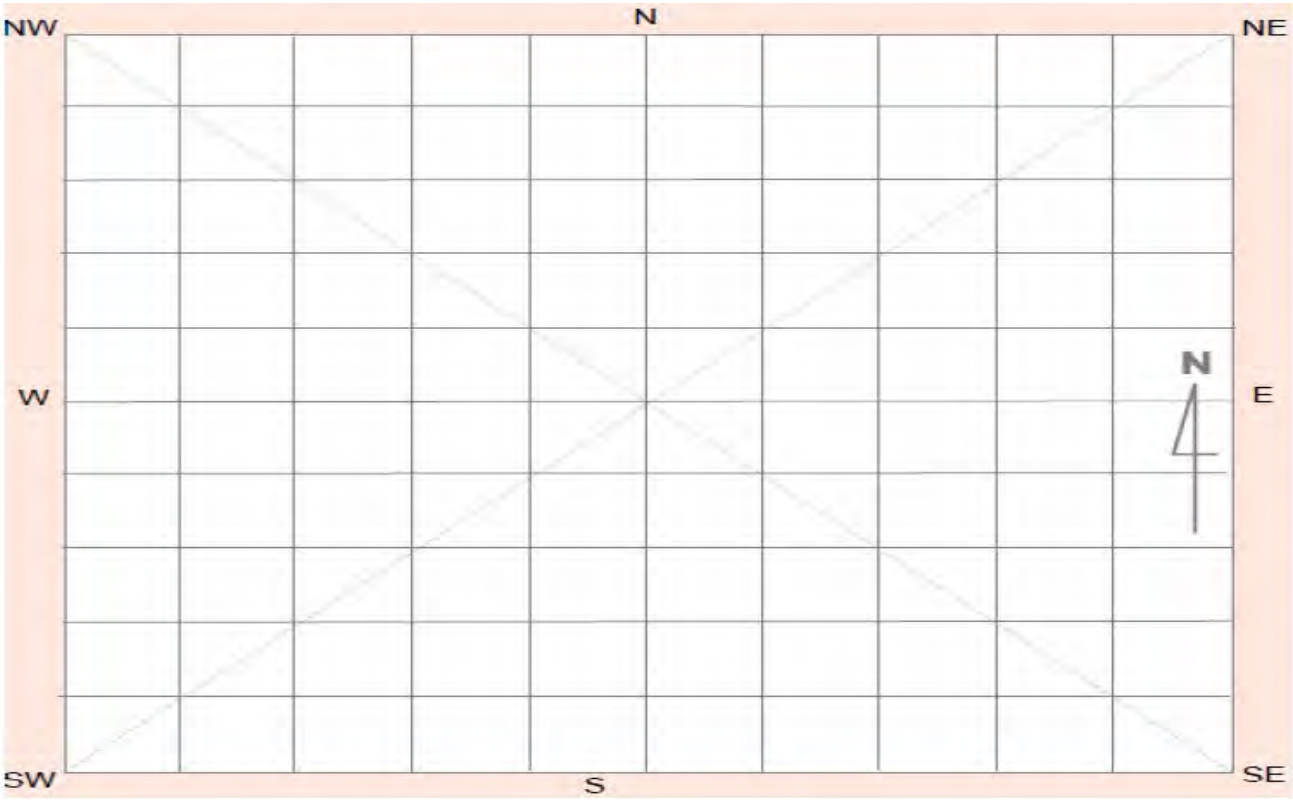
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Good

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	10	650	230				

Feature condition: Good

Description:

Artefact scatter comprising silcrete flakes (n=7), quartz flakes (n=2) and a single quartzite flake associated with a culturally modified tree, four identified hearths with one containing two heat treated silcrete flakes still imbedded within.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	4	650	230				

Feature condition: Good

Description:

Four hearths identified with one measuring 0.8x0.6m, which contains two heat treated silcrete flakes still imbedded within. A culturally modified tree and an artefact scatter comprising silcrete flakes (n=7), quartz flakes (n=2), and a single quartzite flake were also observed.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.	Modified Tree	1	54	33	7	10	Rectangular	

Feature condition: Good

Description:

Identified a culturally modified tree with scar ~70cm from the ground, associated with four hearths and artefact scatter comprising silcrete flakes (n=7), quartz flakes (n=2), and a single quartzite flake.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

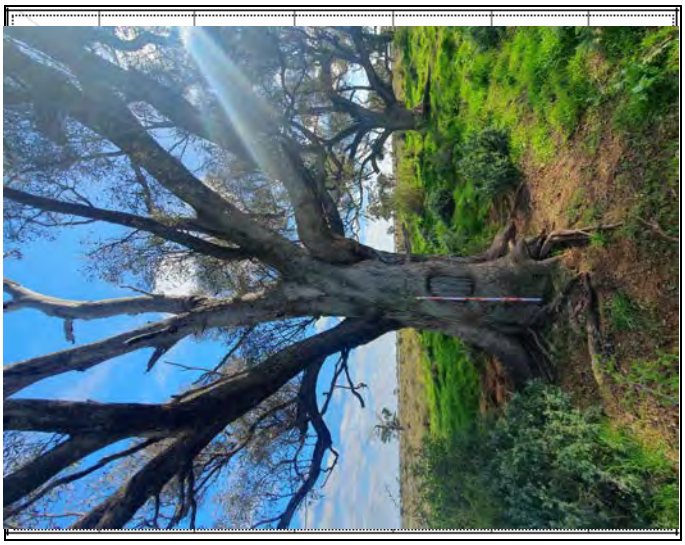
Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Location of modified tree and condition of surrounding landscape.



Description: Length of identified hearth.



Description: Width of identified hearth.



Description: Location of hearth and condition of surrounding landscape. View south-east.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 49-4-0236 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HASST2

Easting: 367441 **Northing:** 6126672 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Service Corridor

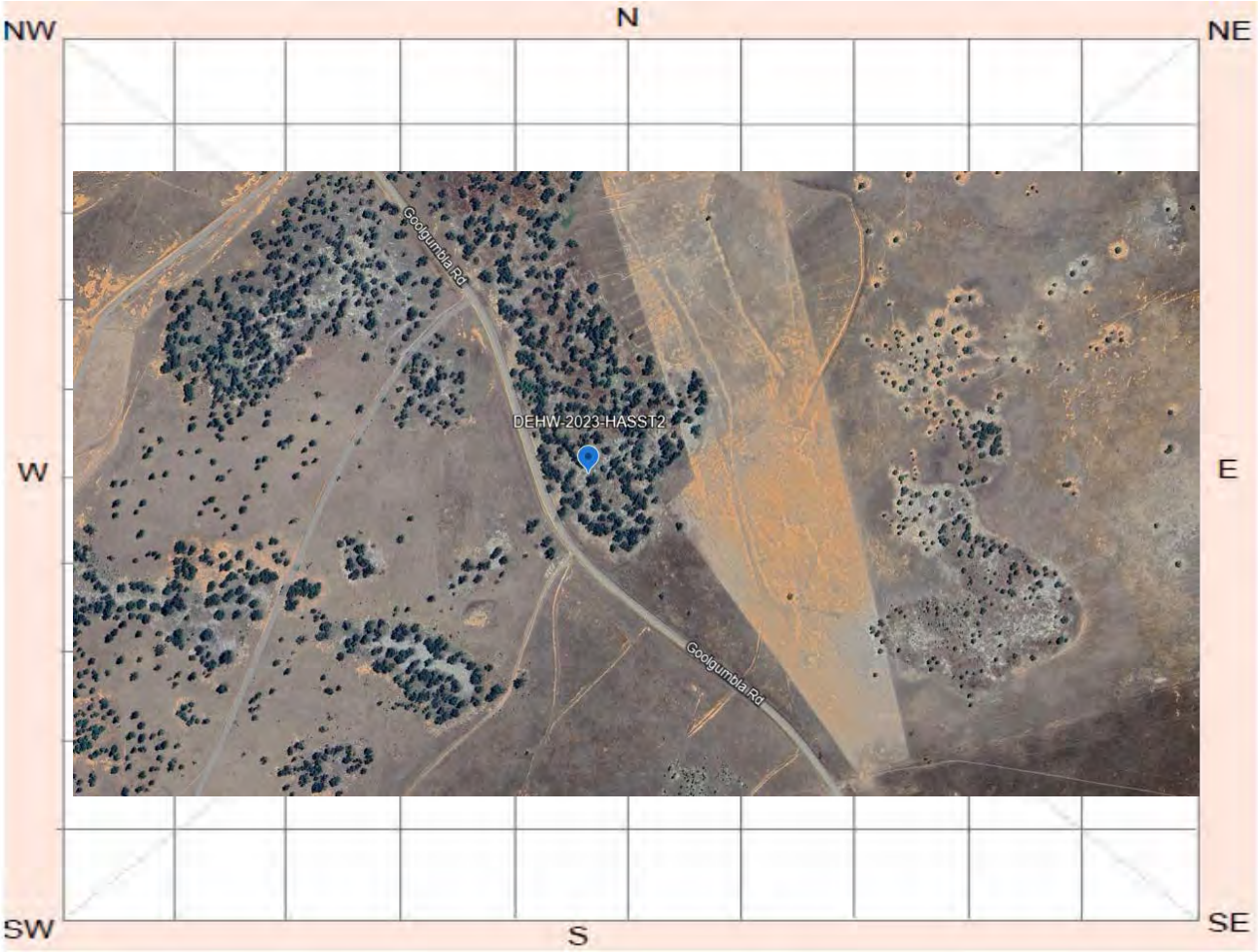
Land Form Unit: Plain **Vegetation:** Isolated clumps of trees

Distance to Water (m): 2600 **Primary Report:** Dinawan Energy Hub Wind ACHA

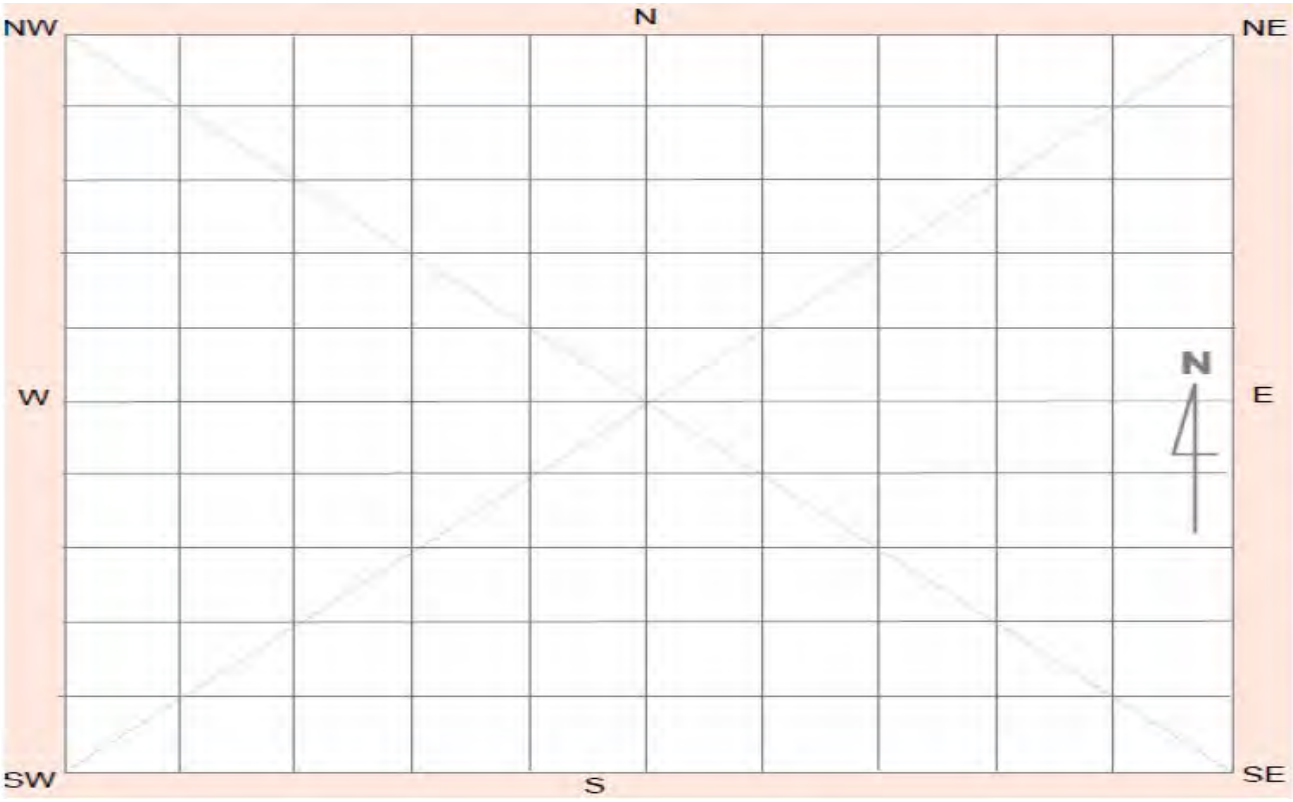
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1.	Artefact	6	420	220				

Feature condition: Disturbed

Description:

Artefact scatter comprising quartz flakes (n=5), silcrete flakes (n=1) associated with ten tentative hearths, five oven mounds and a singular culturally modified tree identified in ephemeral depression.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.	Earth Mound	5	420	220				

Feature condition: Disturbed

Description:

Five oven mounds identified in close proximity to ten tentative hearths, a singular culturally modified tree and an artefact scatter comprising quartz flakes (n=5), silcrete flakes (n=1), identified in ephemeral depression.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.	Hearth	10	420	220				

Feature condition: Disturbed

Description:

Ten tentative hearths identified in ephemeral depression associated a singular culturally modified tree, five oven mounds and an artefact scatter comprising quartz flakes (n=5), silcrete flakes (n=1), identified in ephemeral depression. Clay balls were largely disperse across the site potentially indicating evidence of flooding in the greater region.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.	Modified Tree	1	1.7	40	5	10	Elongated	Other Eucalypt

Feature condition: Good

Description:

Singular culturally modified tree associated with ten tentative hearths, five oven mounds and artefact scatter comprising quartz flakes (n=5), silcrete flakes (n=1), identified in ephemeral depression,

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

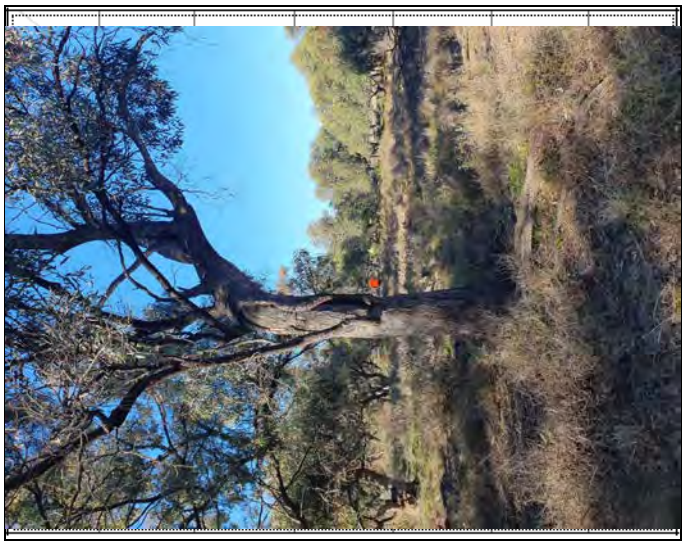
Feature condition:

Description:

Site photographs



Description: Detailed close up of culturally modified eucalypt tree.



Description: Location of culturally modified tree and condition of surrounding landscape.



Description: Location of one oven mound and condition of the surrounding landscape. View south.



Description: Length of identified hearth.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 49-4-0235 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HIF1

Easting: 364374 **Northing:** 6135649 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

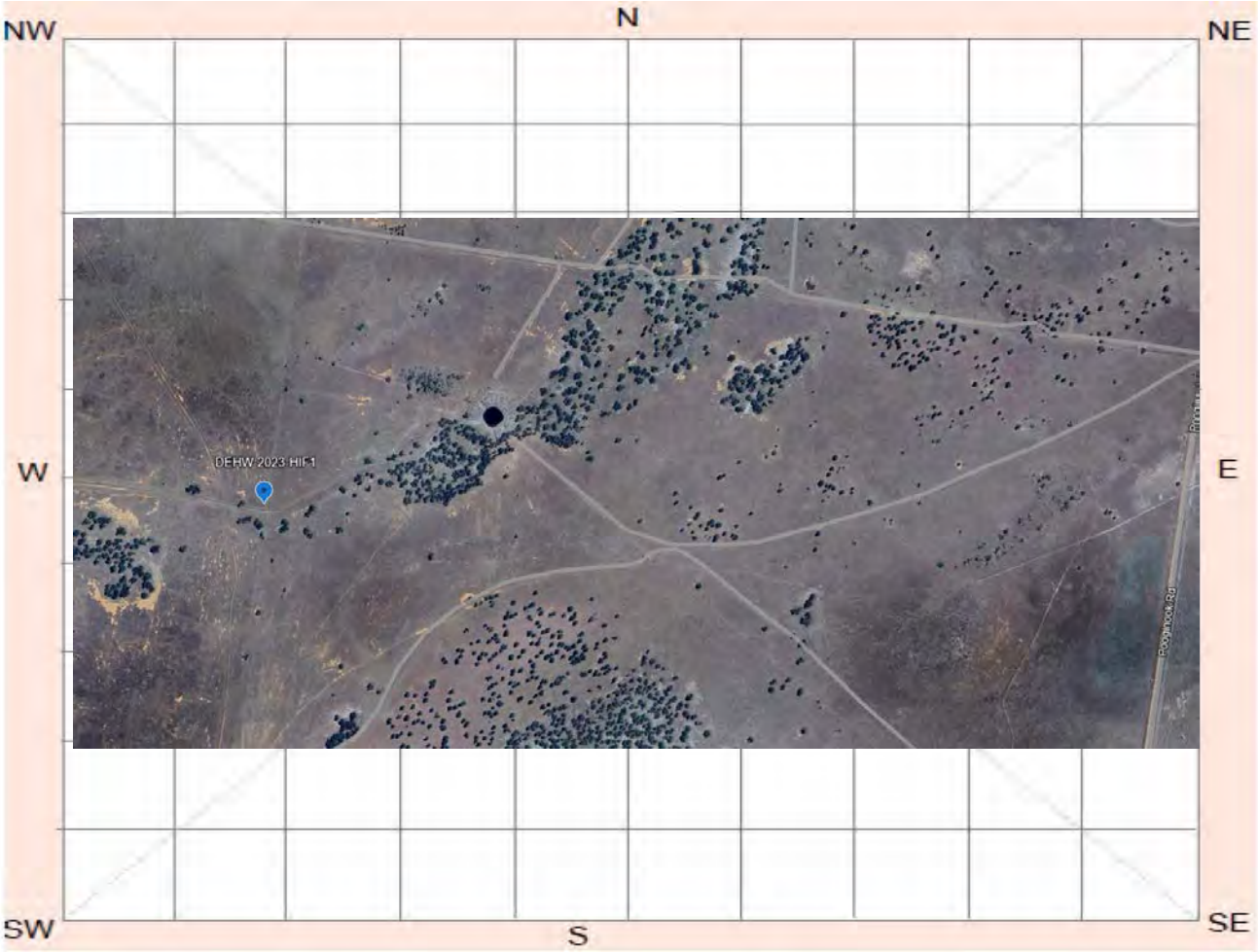
Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 2400 **Primary Report:** Dinawan Energy Hub Wind ACHA

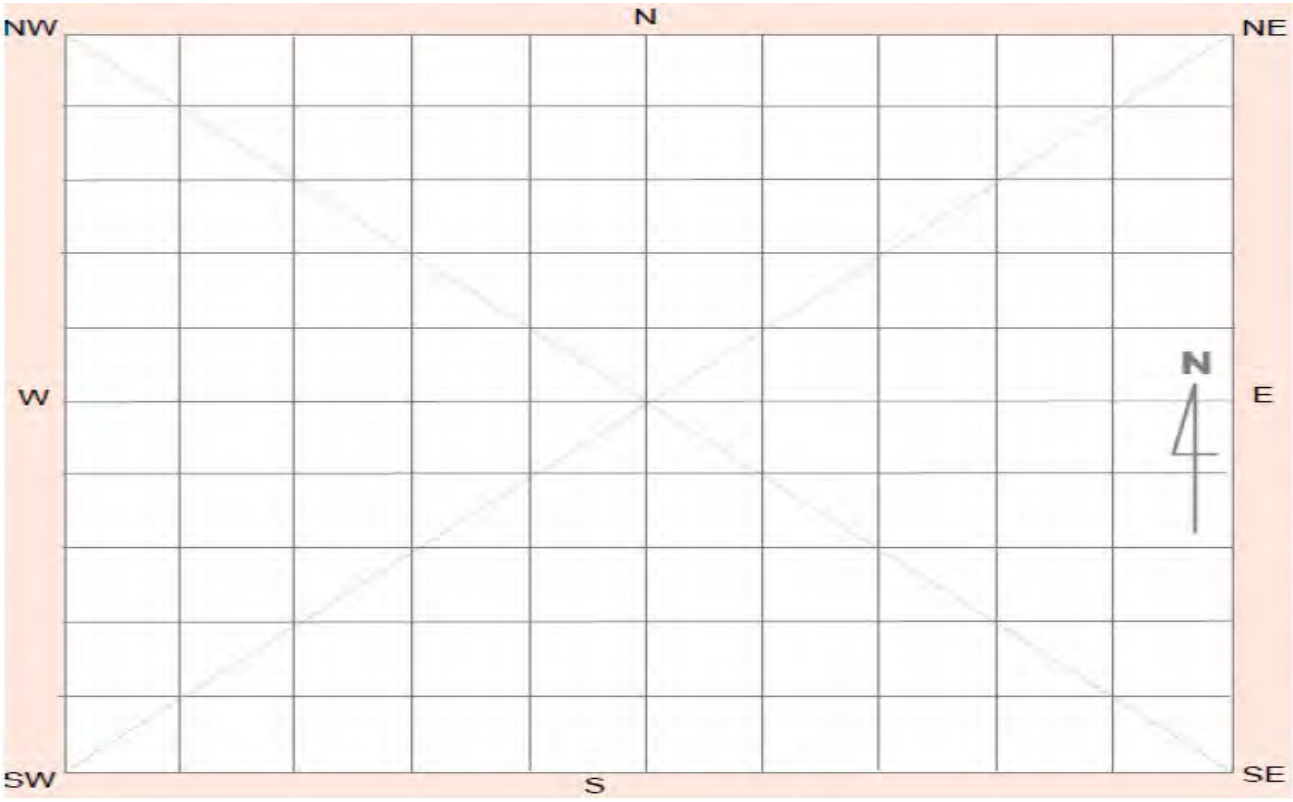
How to get to the site: Access site via Pooginook Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	1	55	50				

Feature condition: Disturbed

Description:

Isolated quartz flake associated with tentative hearth with large clay balls located on scald exposure.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2. Hearth	1	55	50				

Feature condition: Disturbed

Description:

Tentative hearth identified with large clay balls associated with an isolated quartz flake located on scald exposure

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Detailed close up of quartz flake.



Description: Length of identified hearth.



Description: Width of identified hearth.



Description: Hearth location and condition of surrounding landscape. View north.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0285 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HIF2

Easting: 358514 **Northing:** 6136524 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Isolated clumps of trees

Distance to Water (m): 500 **Primary Report:** Dinawan Energy Hub Wind ACHA

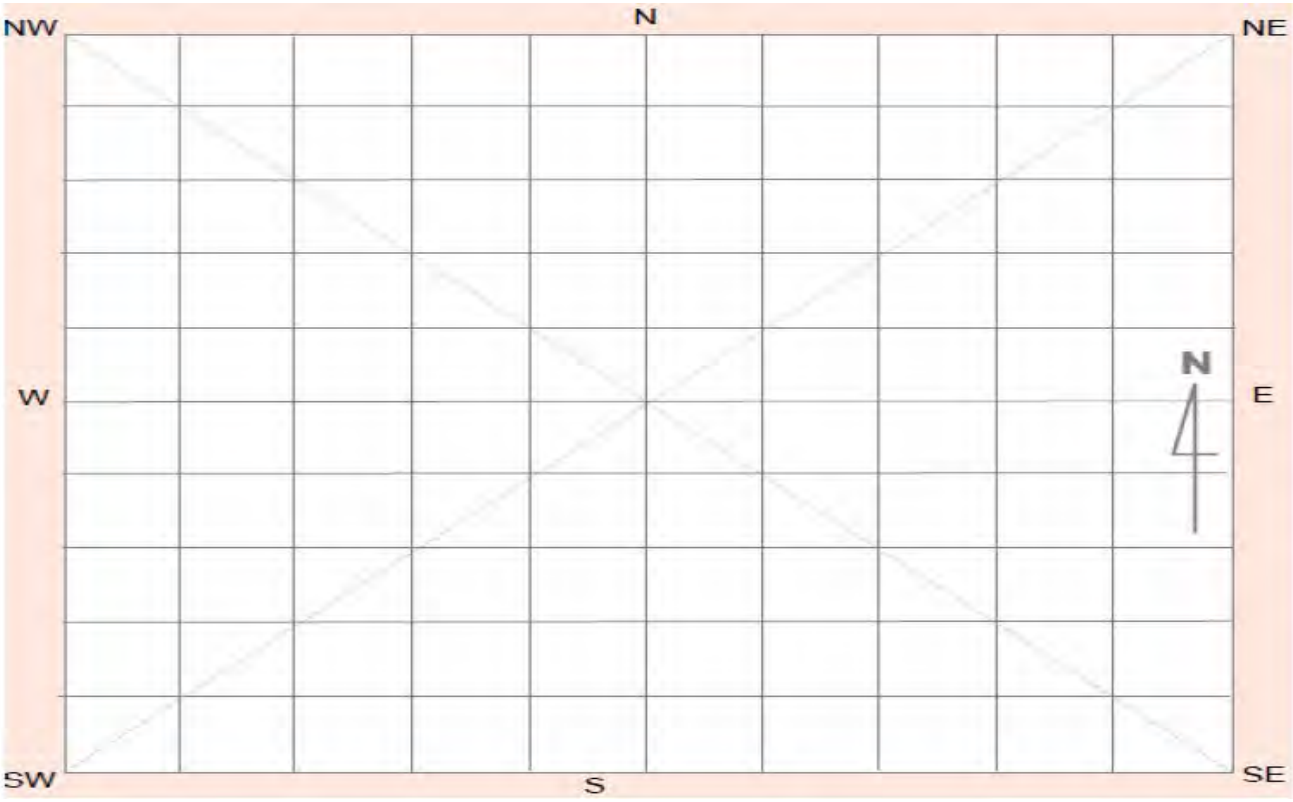
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	1	170	125				

Feature condition: Disturbed

Description:

One quartz flake located on cattle track associated with clay nodules located in proximity.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	1	170	125				

Feature condition: Disturbed

Description:

Clay nodules found in close proximity to one quartz flake located on cattle track

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

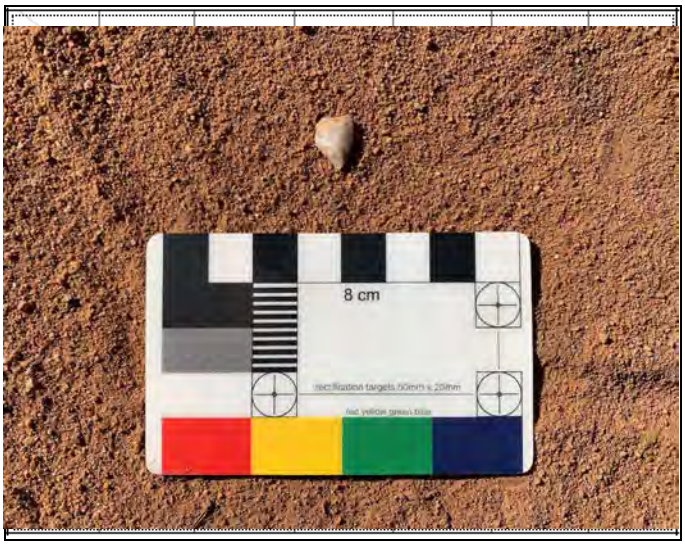
Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

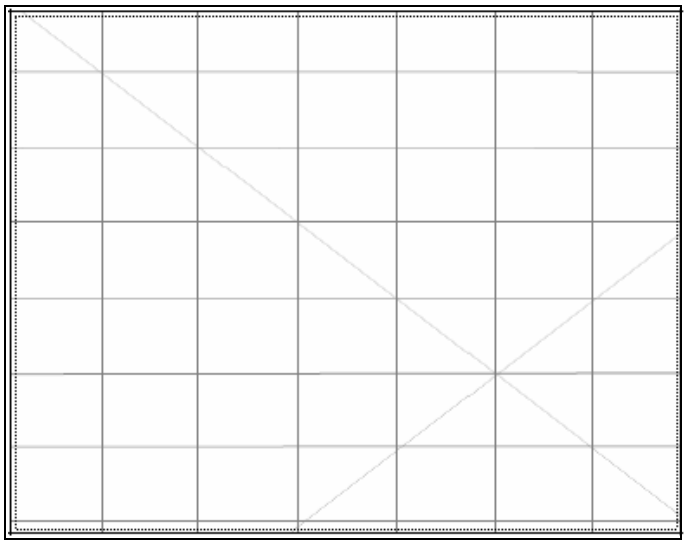
Site photographs



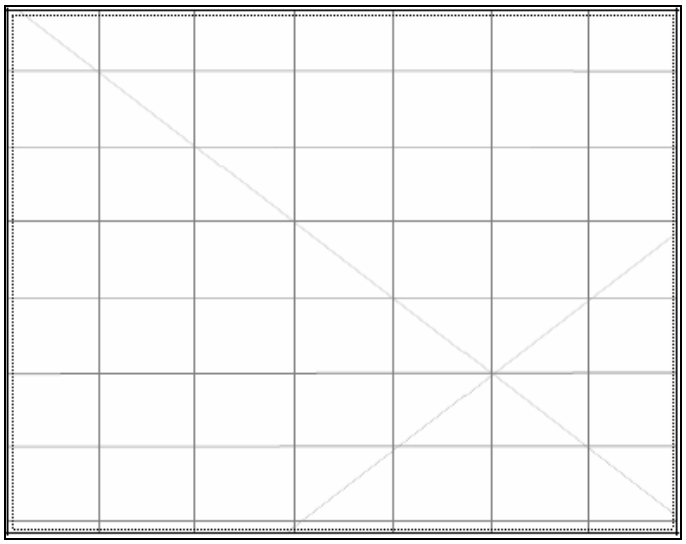
Description: Detailed close up of quartz flake.



Description: Site location and condition of surrounding landscape.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0167 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HIF3

Easting: 382177 **Northing:** 6122804 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Transport Corridor

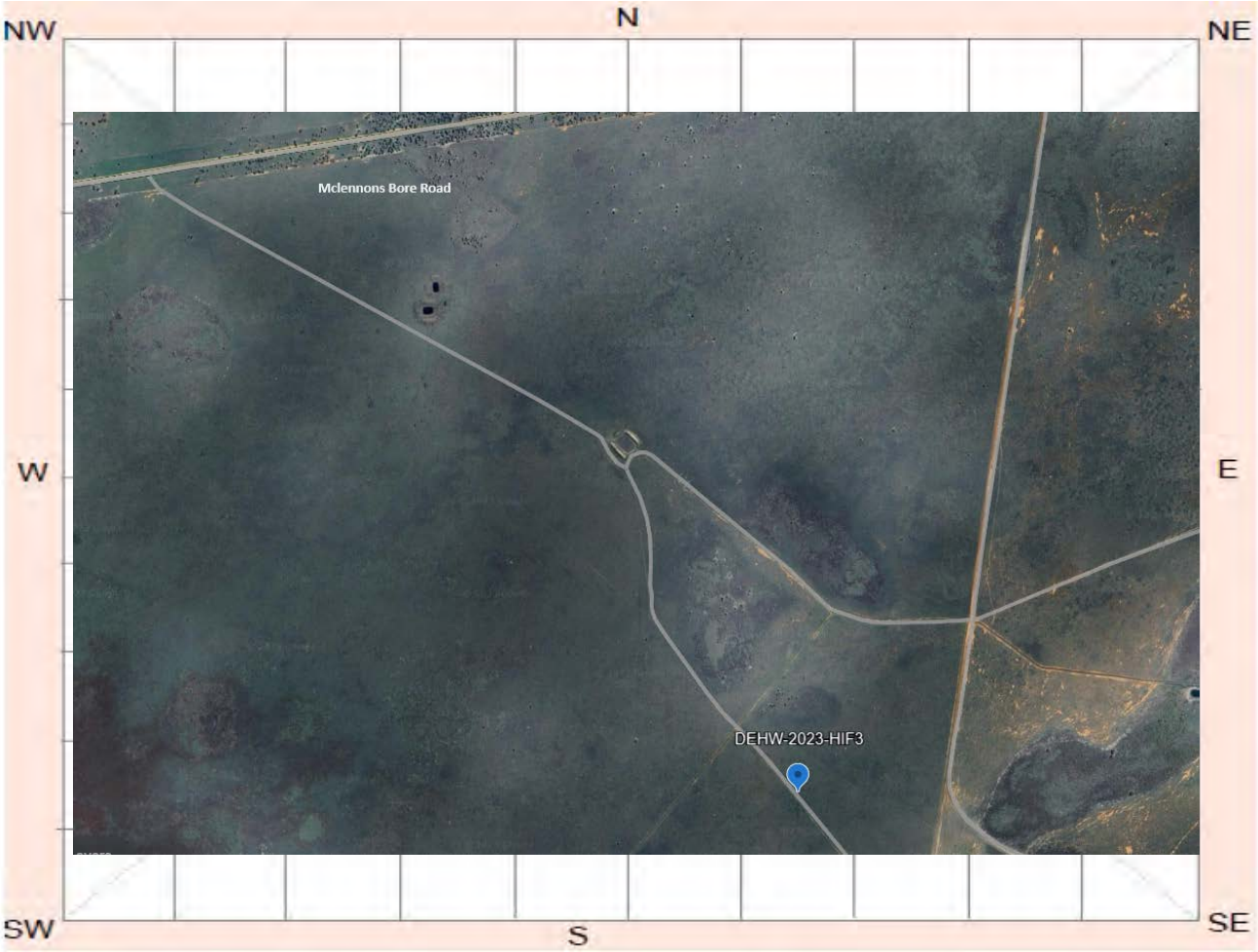
Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 400 **Primary Report:** Dinawan Energy Hub Wind ACHA

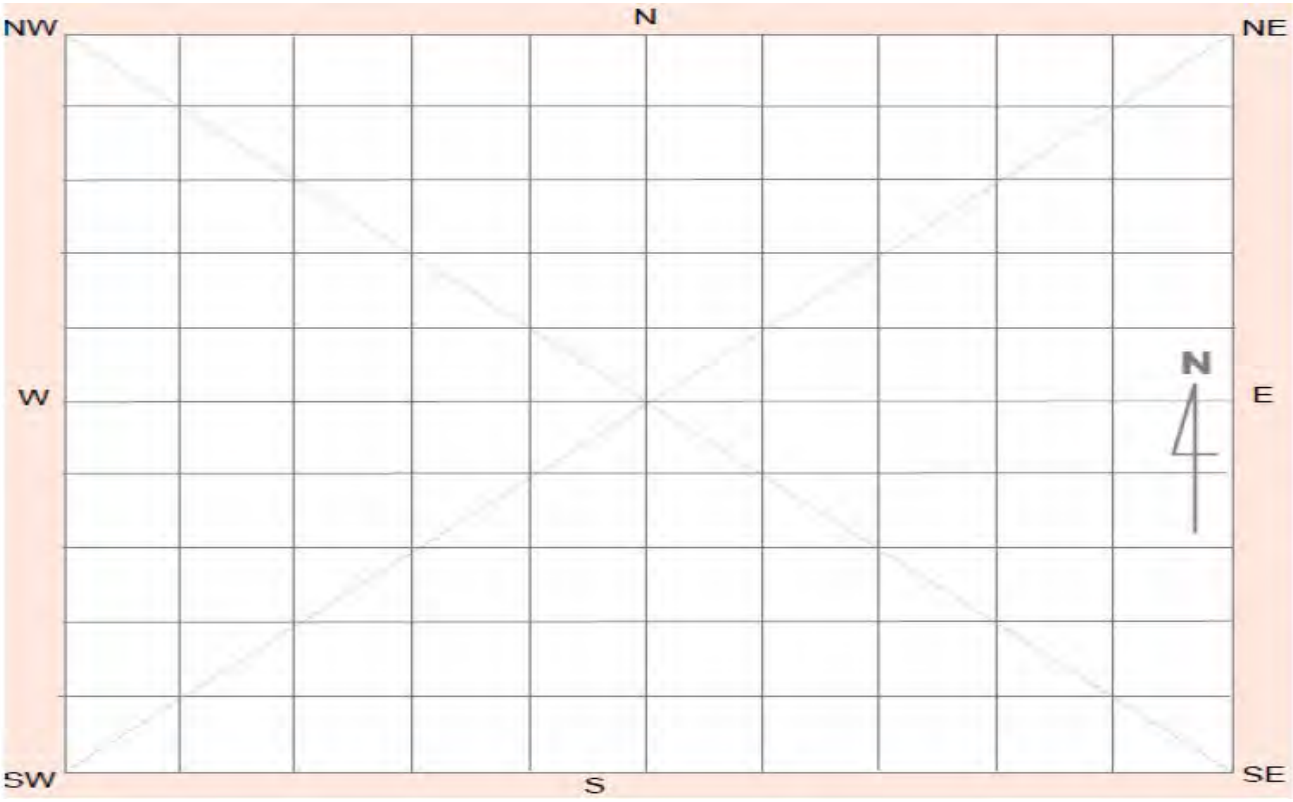
How to get to the site: Access site via Mclennons Bore Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	1	45	30				

Feature condition: Disturbed

Description:

Isolated quartz flake associated with tentative hearth approx. 250mm wide by 350mm wide., with slight curvature evident. Located on a vehicle track in proximity to ephemeral watercourse.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	1	45	30				

Feature condition: Disturbed

Description:

Tentative hearth approx. 250mm wide by 350mm wide., with slight curvature evident associated with isolated quartz flake. Located on a vehicle track in proximity to ephemeral watercourse.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Length of identified hearth.



Description: Width of identified hearth.



Description: Detailed close up of quartz flake.



Description: Location of hearth and condition of surrounding landscape. View east.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location

N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0284 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HIF4

Easting: 358044 **Northing:** 6129023 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 560 **Primary Report:** Dinawan Energy Hub Wind ACHA

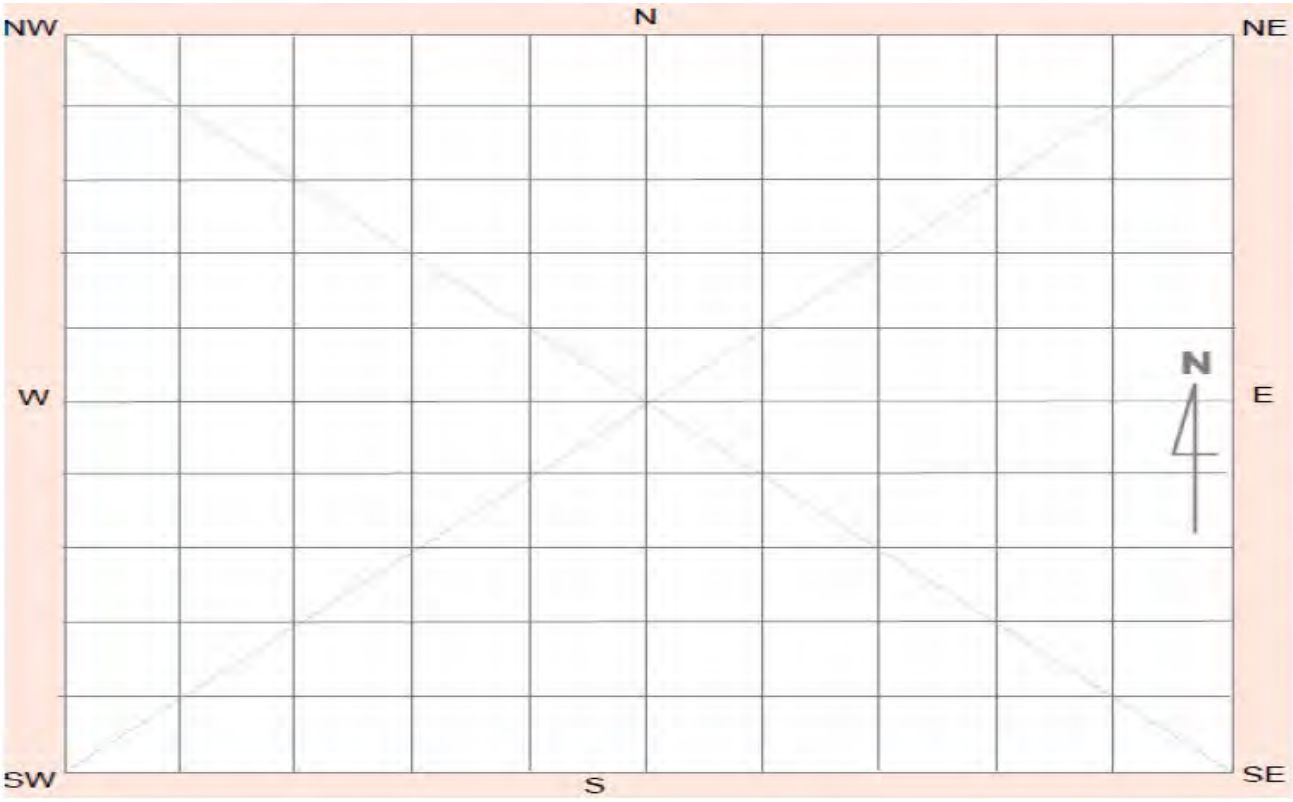
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Stock Damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	1	180	40				

Feature condition: Disturbed

Description:

Isolated quartz flake identified associated with three hearths and a tentative hearth located on cattle track in proximity to fence line.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	4	180	40				

Feature condition: Disturbed

Description:

Three hearths identified measuring: (1) ~1.2x2m, (2) ~1.5x1.2m and (3) ~1.2x1.4m, with a tentative hearth measuring 0.5x0.3m, associated with an isolated quartz flake located on cattle track in prox. to fence line.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

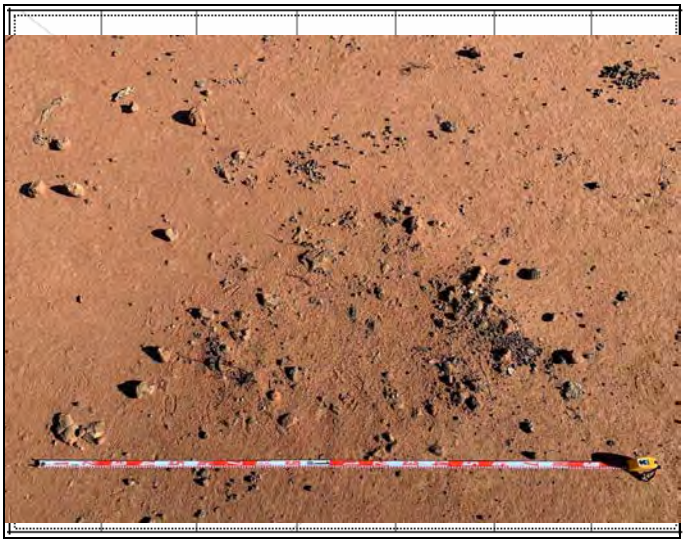
Site photographs



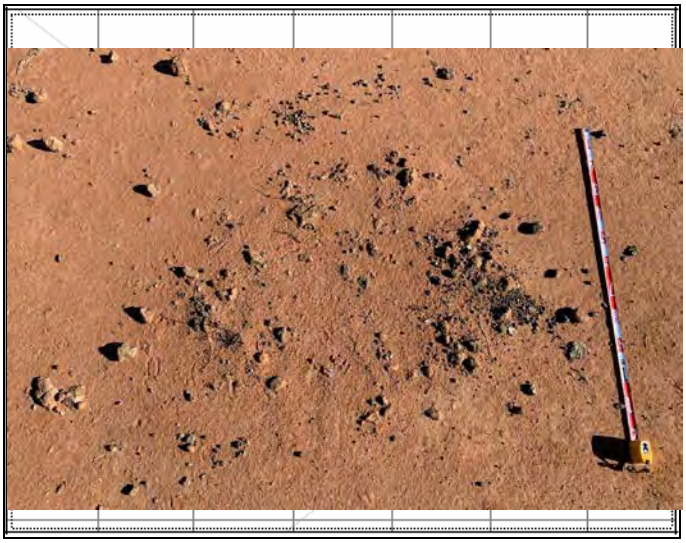
Description: Detailed close up of quartz flake.



Description: Location of flake and condition of surrounding landscape. View east.



Description: Length of identified hearth.



Description: Width of identified hearth.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General: | Location:

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0283 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-HIF5

Easting: 357414 **Northing:** 6133955 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Terrace **Vegetation:** Open Forest

Distance to Water (m): 10 **Primary Report:** Dinawan Energy Hub Wind ACHA

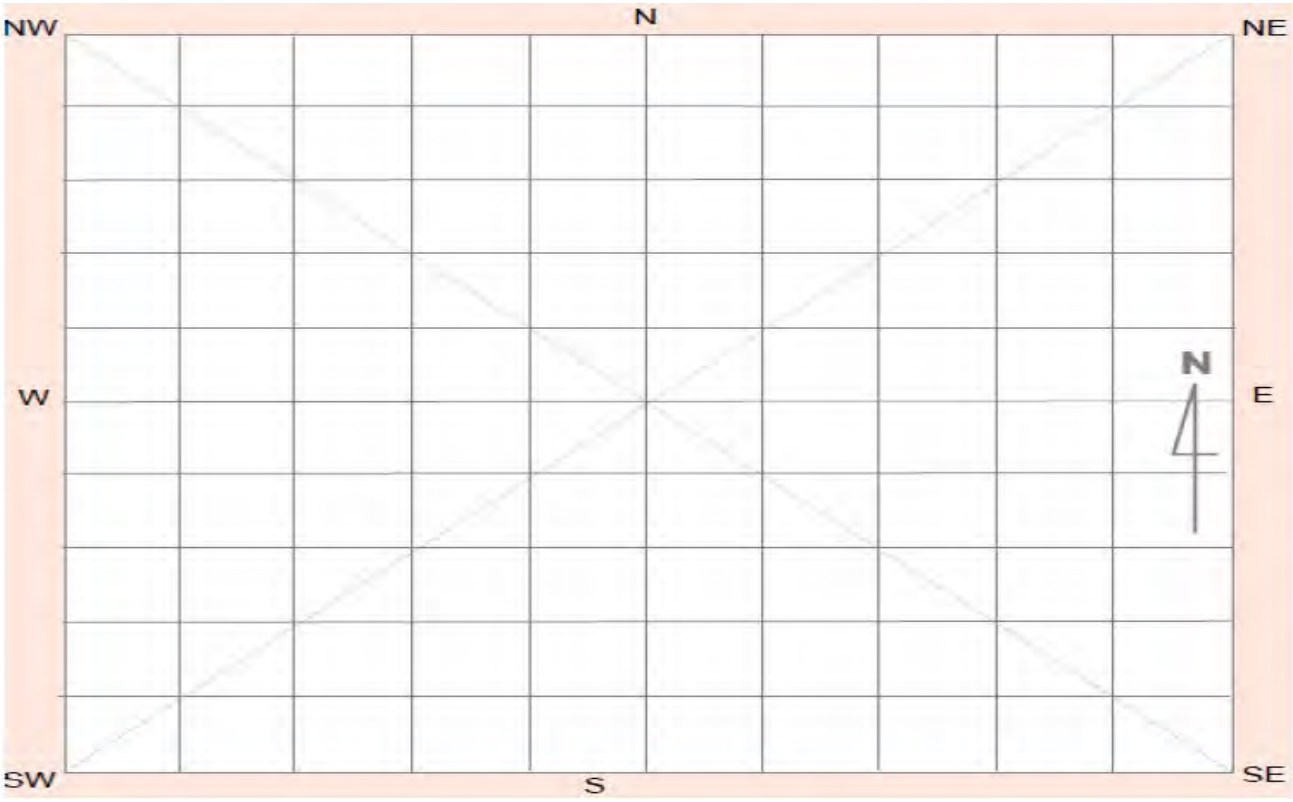
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	1	430	250				

Feature condition: Disturbed

Description:

Tentative isolated quartz flake identified in association with two tentative eroded hearths in close proximity to native trees.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Hearth	2	430	250				

Feature condition: Disturbed

Description:

Two tentative eroded hearths identified in association with tentative isolated quartz flake in close proximity to native trees.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Detailed sloe up of quartz flake.



Description: Length of identified hearth.



Description: Site location of flake and condition of surrounding landscape. View south-east.



Description: Location of hearth and condition of surrounding landscape. View west.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General: | Location:

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0282 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IF1

Easting: 361464 **Northing:** 6128374 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

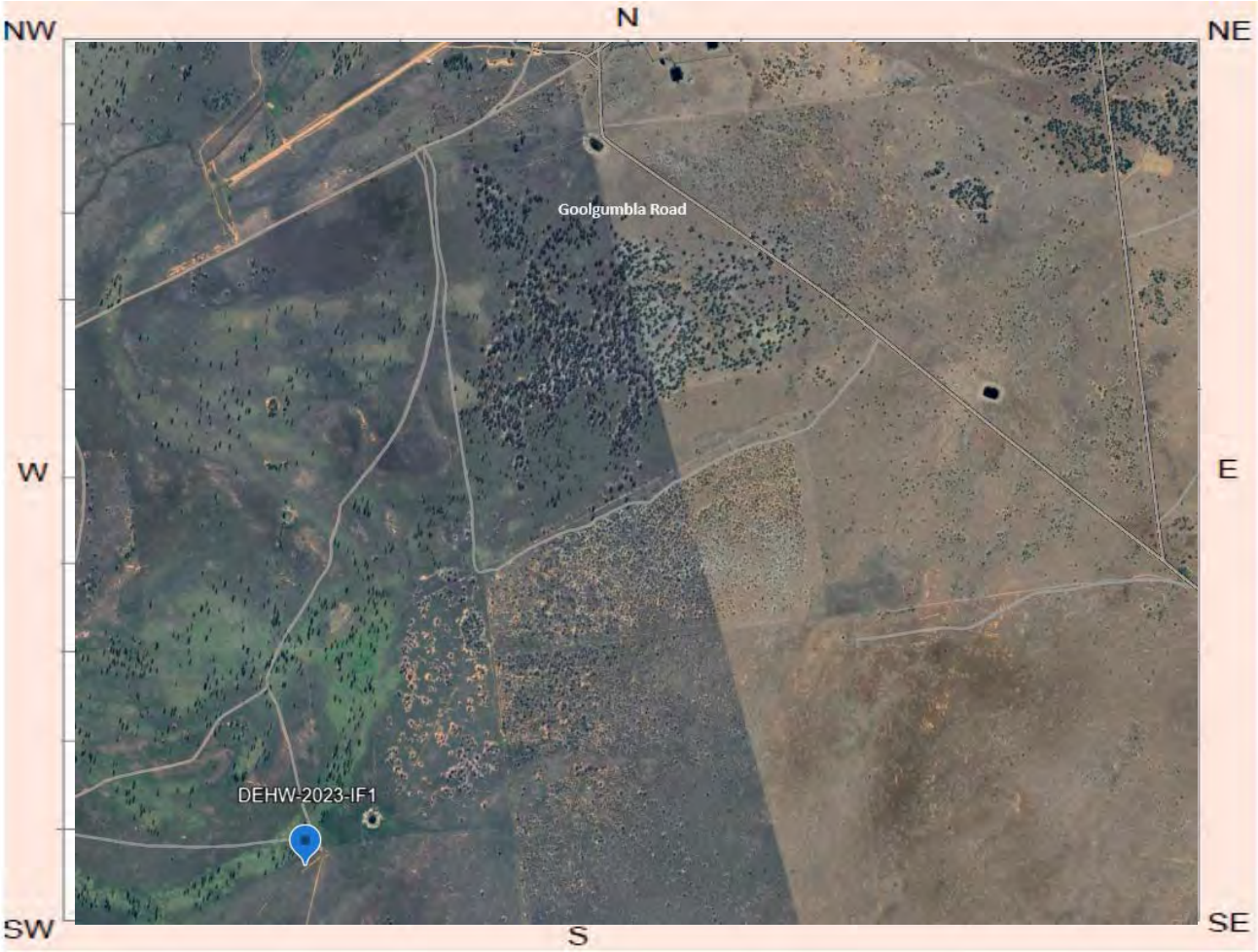
Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 1700 **Primary Report:** Dinawan Energy Hub Wind ACHA

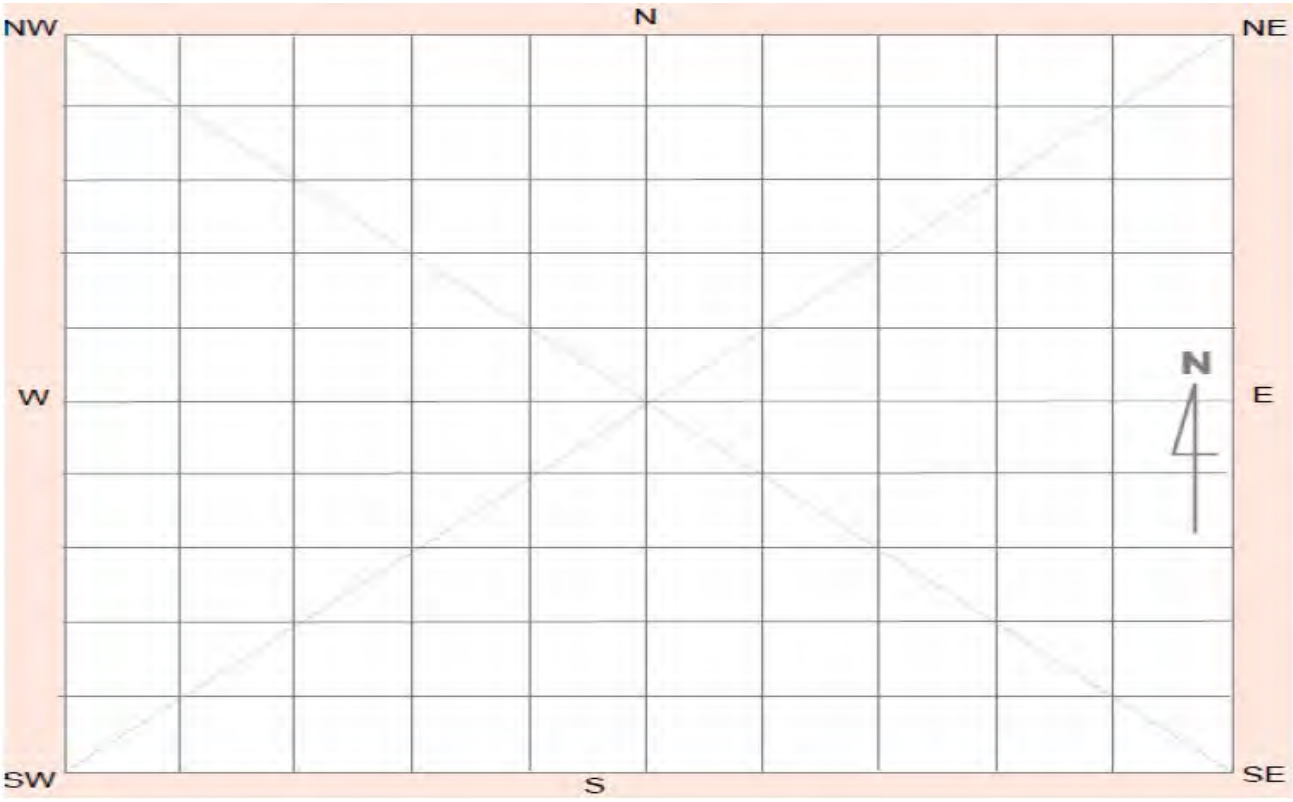
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1. Artefact	1	1	1				

Feature condition: Disturbed

Description:

One yellow silcrete complete flake with hinge termination and retouch on lateral margin situated on a vehicle access track.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

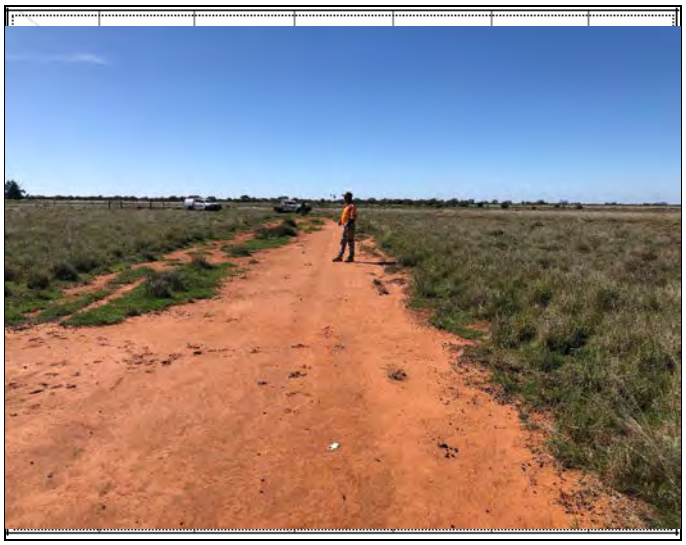
Feature condition:

Description:

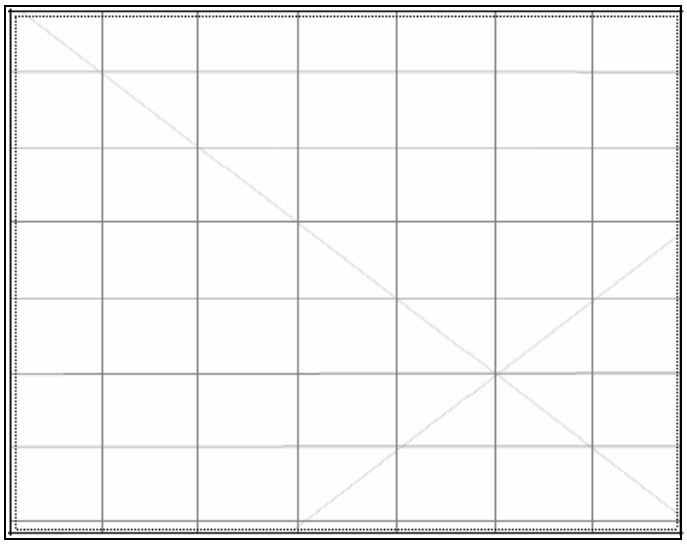
Site photographs



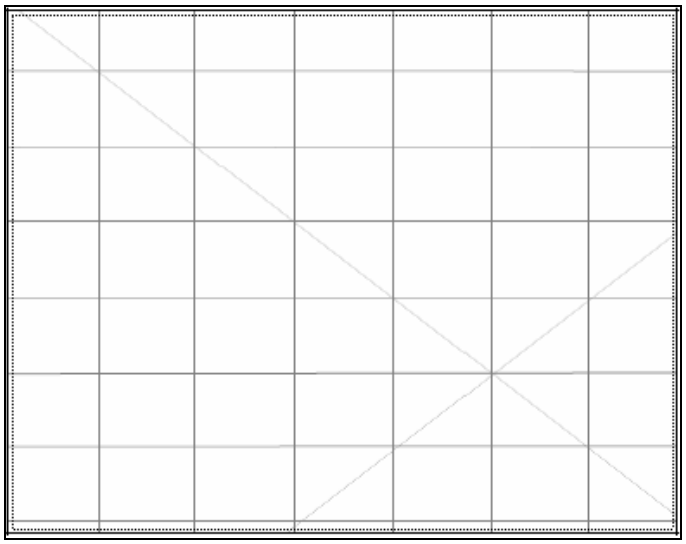
Description: Detailed close up of yellow silcrete flake.



Description: Location of flake and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0281 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IF2

Easting: 360720 **Northing:** 6128743 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

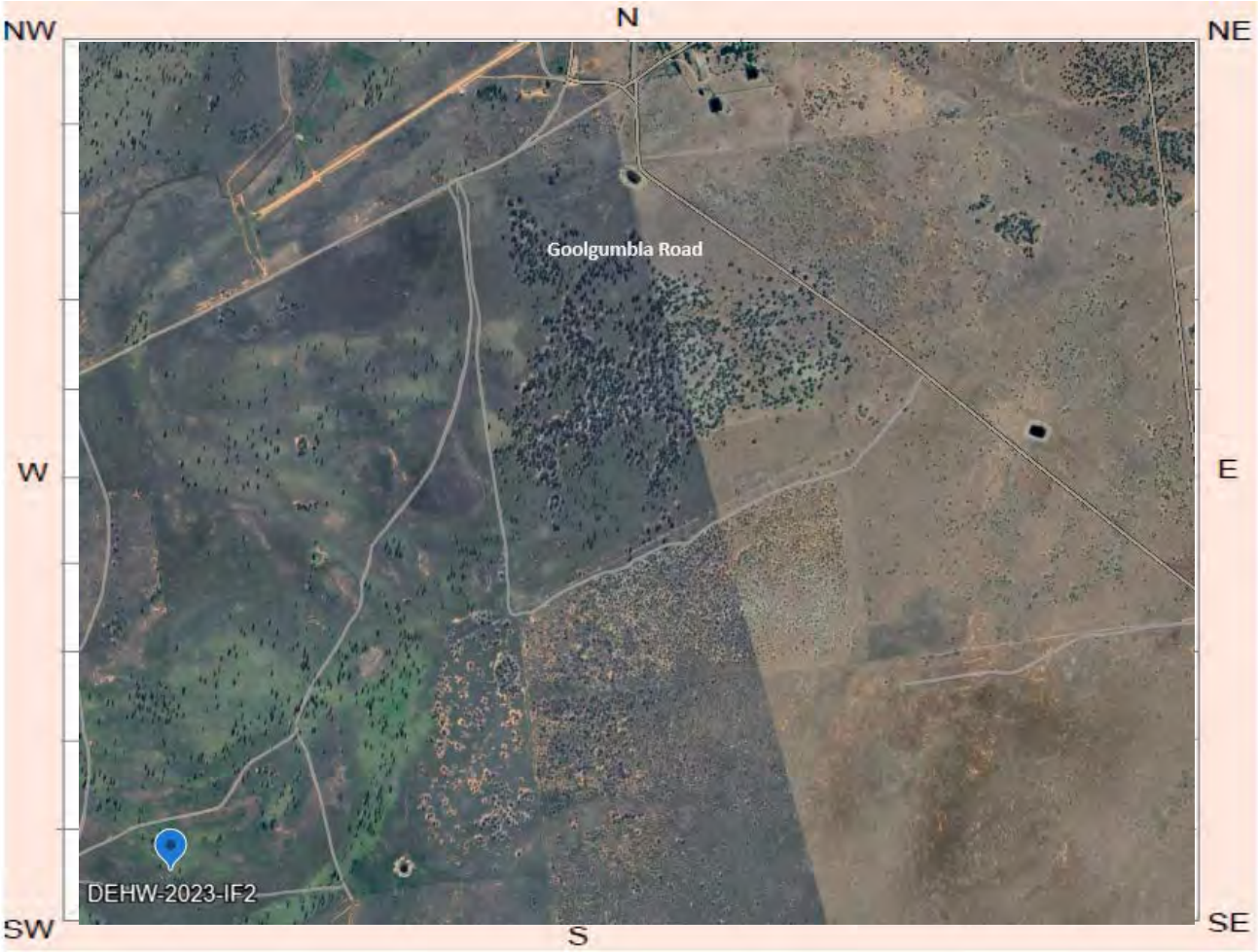
Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 1700 **Primary Report:** Dinawan Energy Hub Wind ACHA

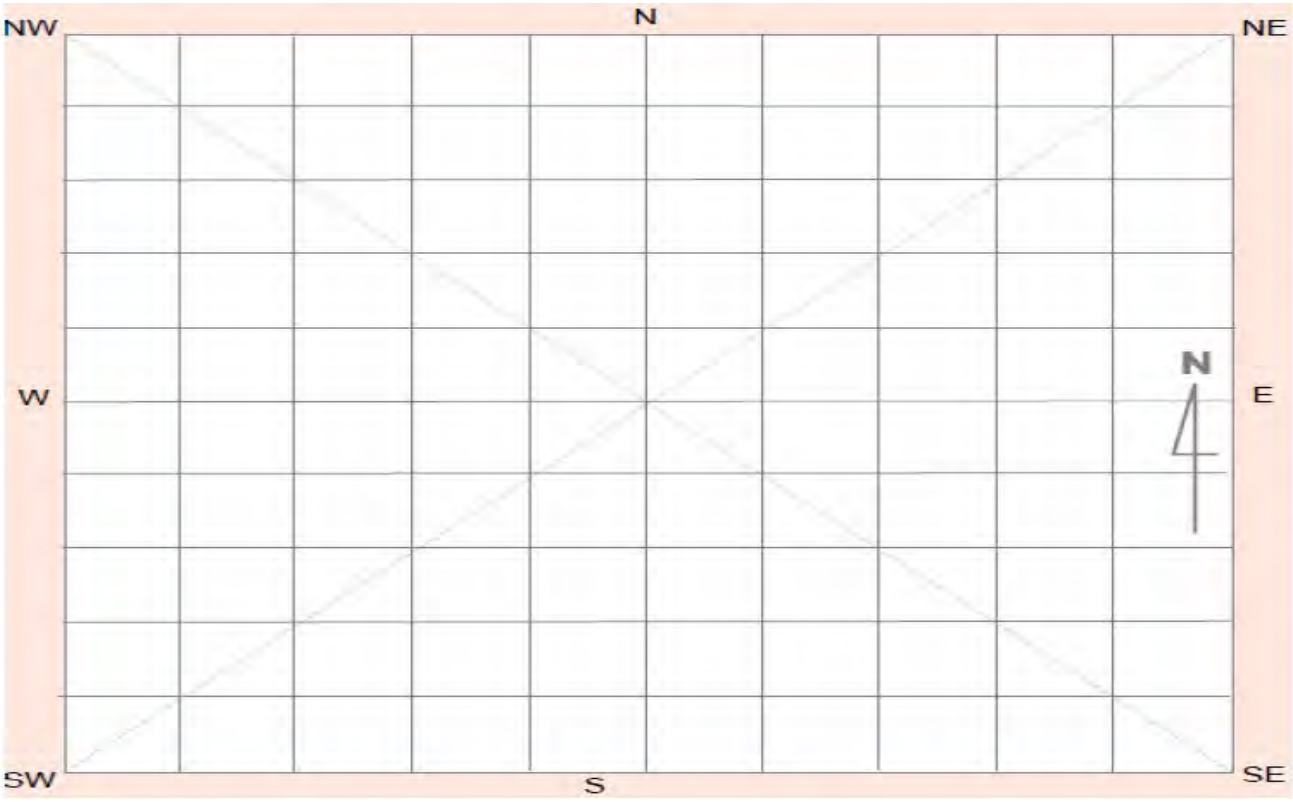
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	1	1	1				

Feature condition: Disturbed

Description:

One complete quartzite flake located on an erosion scar in close proximity to gilgai.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

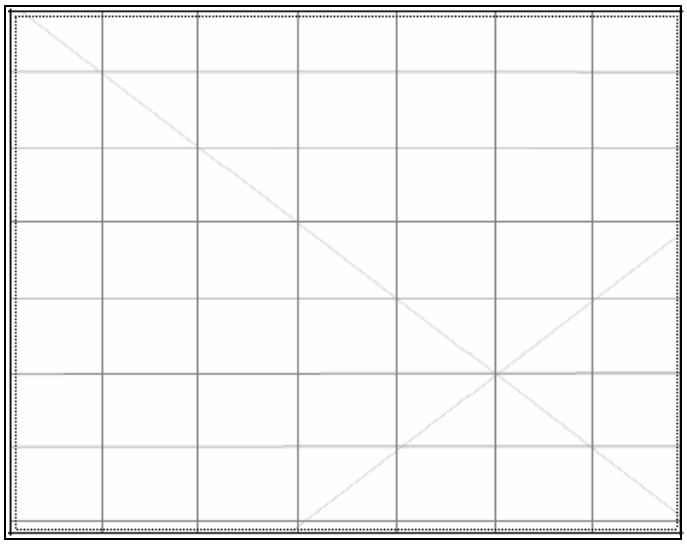
Site photographs



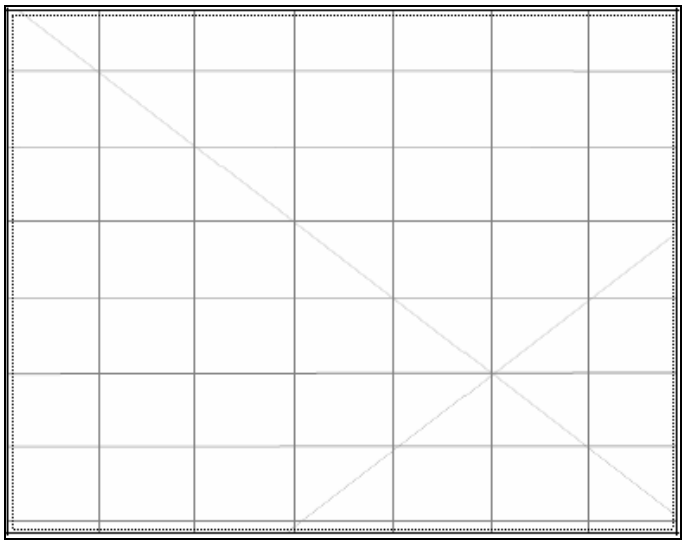
Description: Detailed close up of quartzite flake.



Description: Location of flake and condition of surrounding landscape. View south-east.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0280 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IF3

Easting: 355607 **Northing:** 6139751 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 150 **Primary Report:** Dinawan Energy Hub Wind ACHA

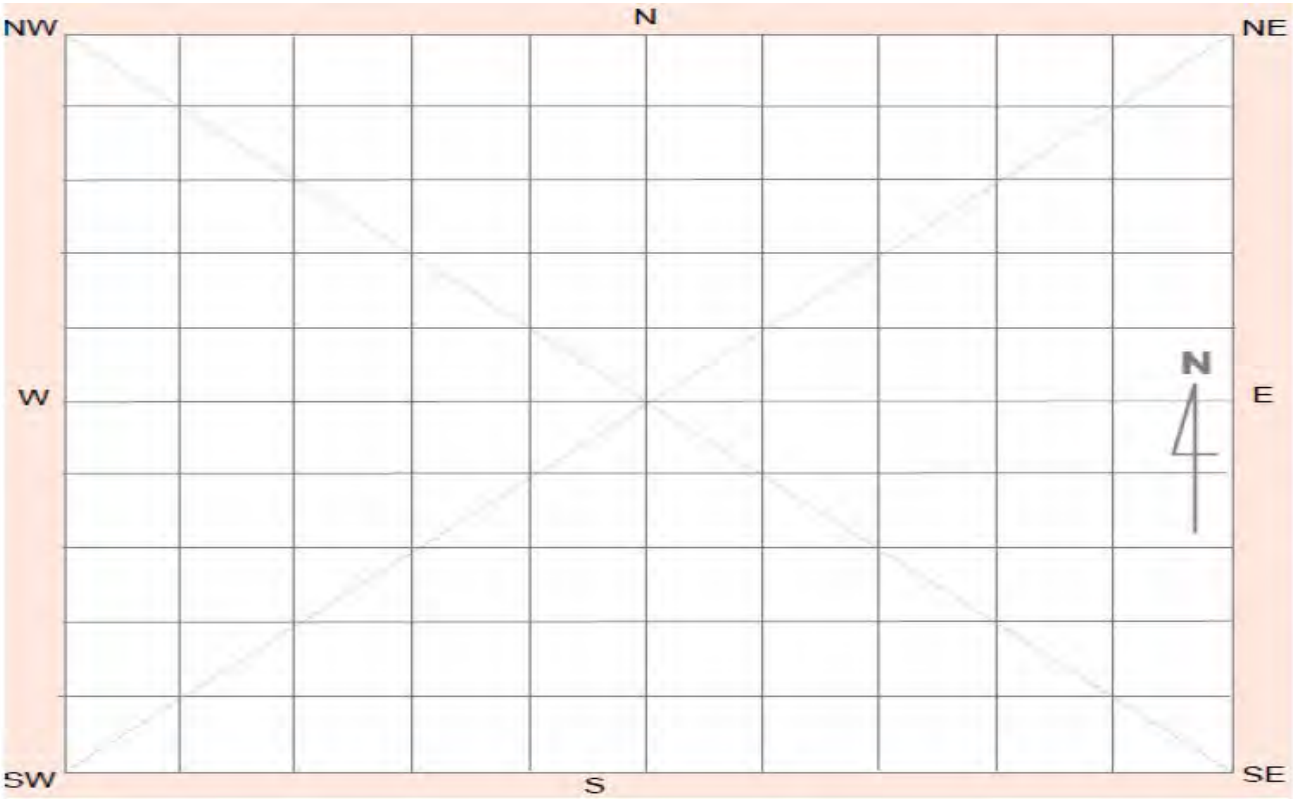
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	1	1	1				

Feature condition: Disturbed

Description:

One tentative quartz flake (blade), located on a scald exposure in close proximity to ephemeral wetland.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

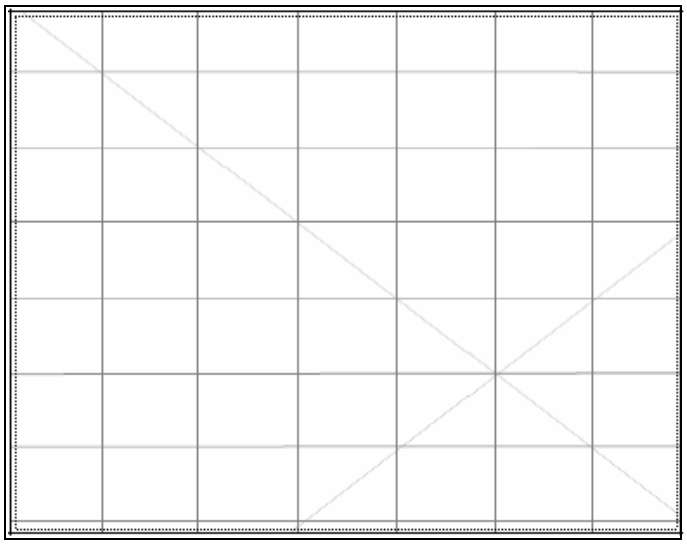
Site photographs



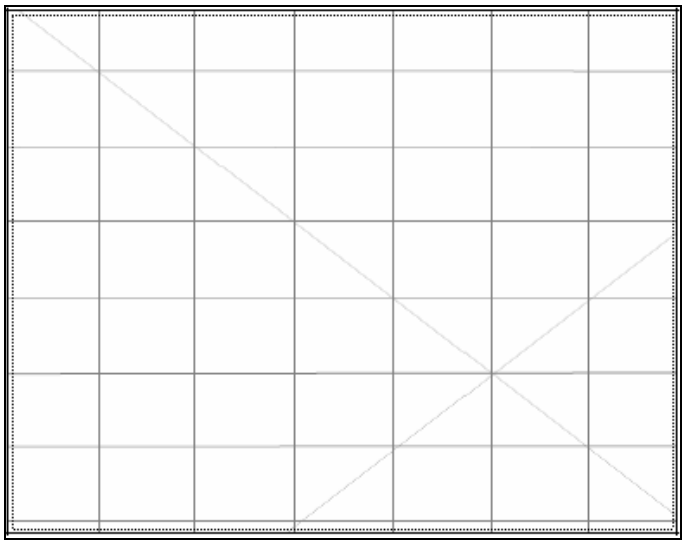
Description: Detailed close up of quartz flake.



Description: Location of flake and condition of surrounding landscape. View west.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0279 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IF4

Easting: 358131 **Northing:** 6126108 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

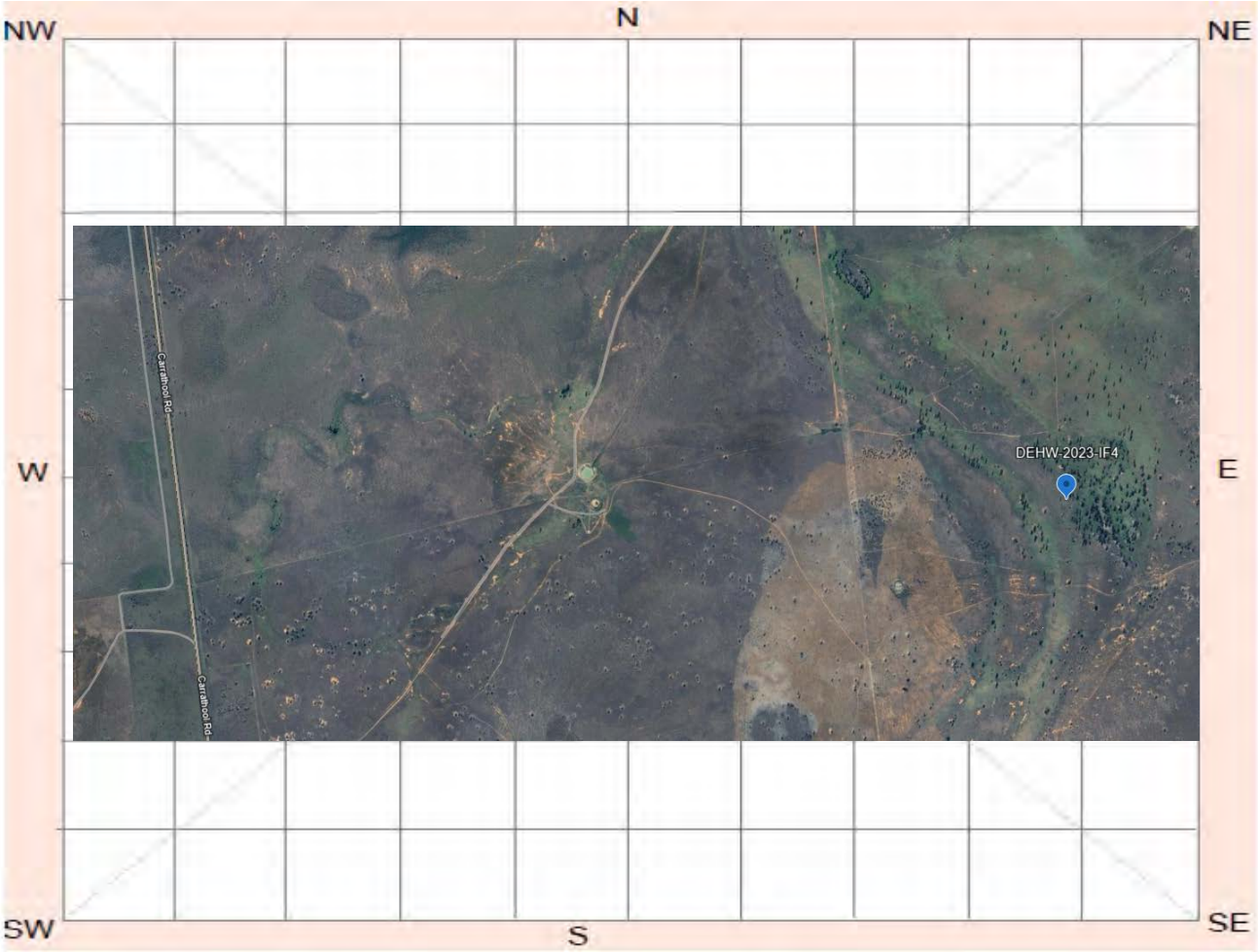
Land Form Unit: Plain **Vegetation:** Isolated clumps of trees

Distance to Water (m): 2400 **Primary Report:** Dinawan Energy Hub Wind ACHA

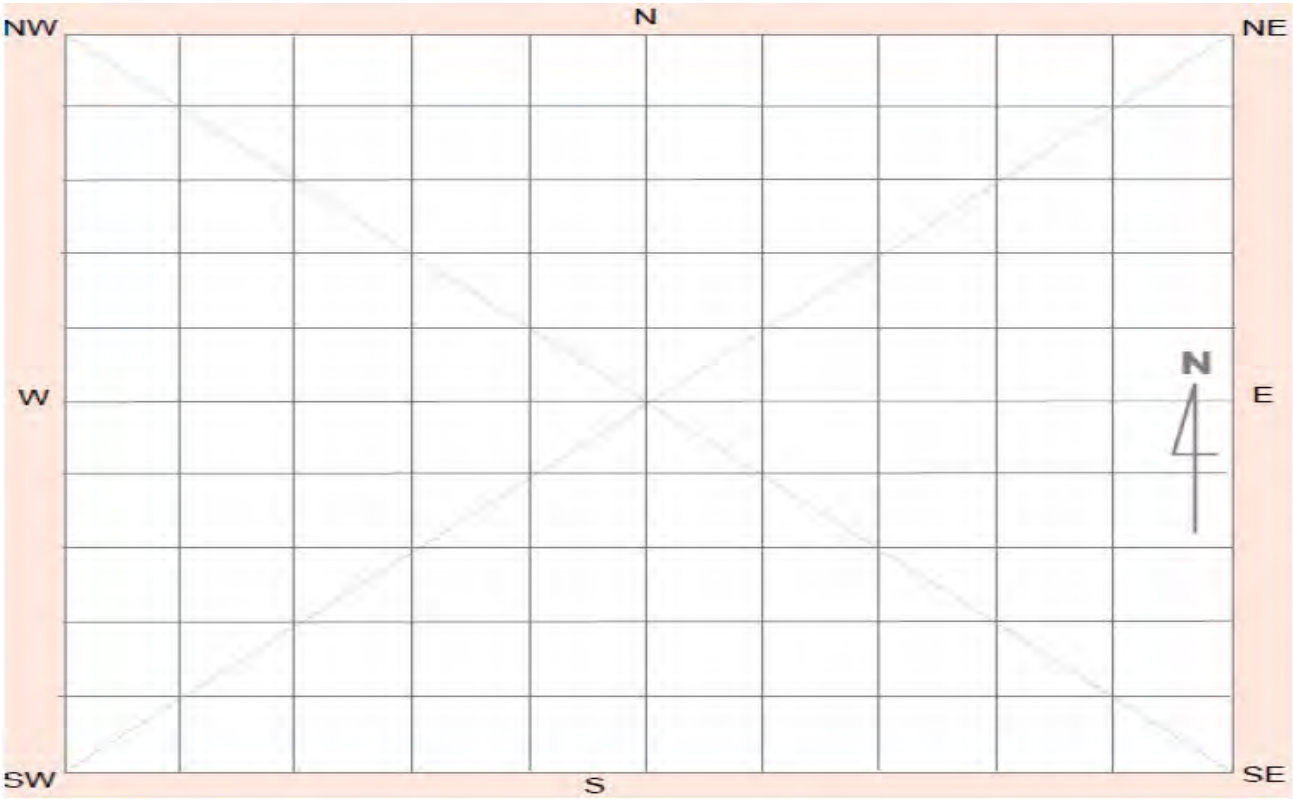
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open

Site condition: Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	1	1	1				

Feature condition: Disturbed

Description:

Singular silcrete flake identified on scald exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

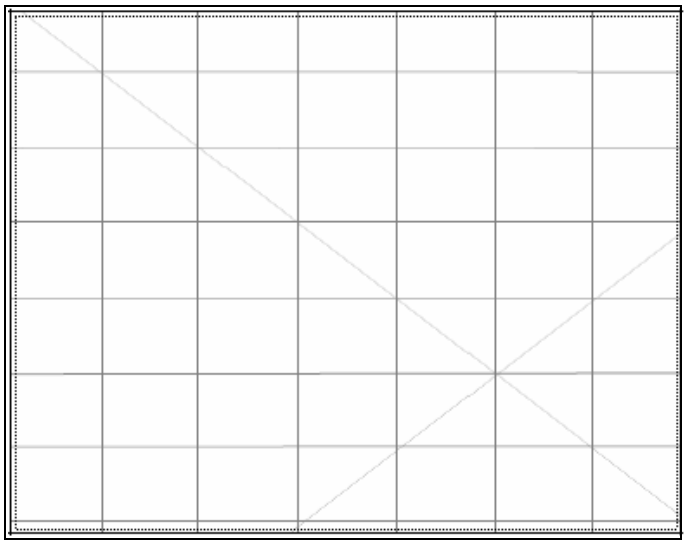
Site photographs



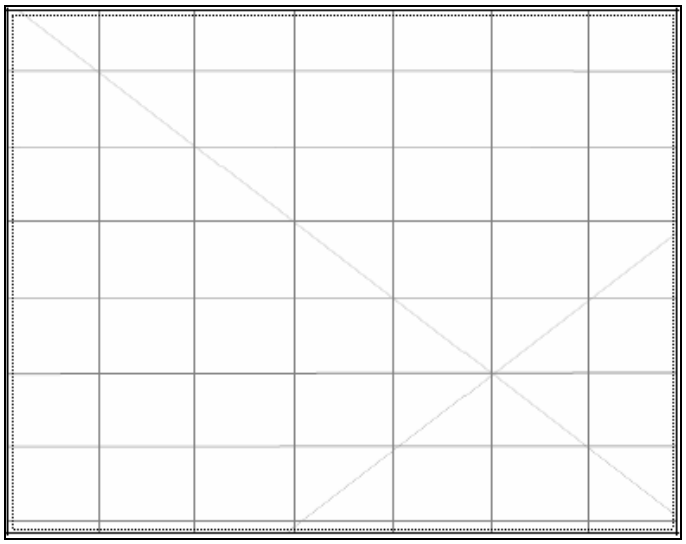
Description: Detailed close up of silcrete flake.



Description: Location of flake and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 49-4-0241 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IF5

Easting: 377558 **Northing:** 6127107 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

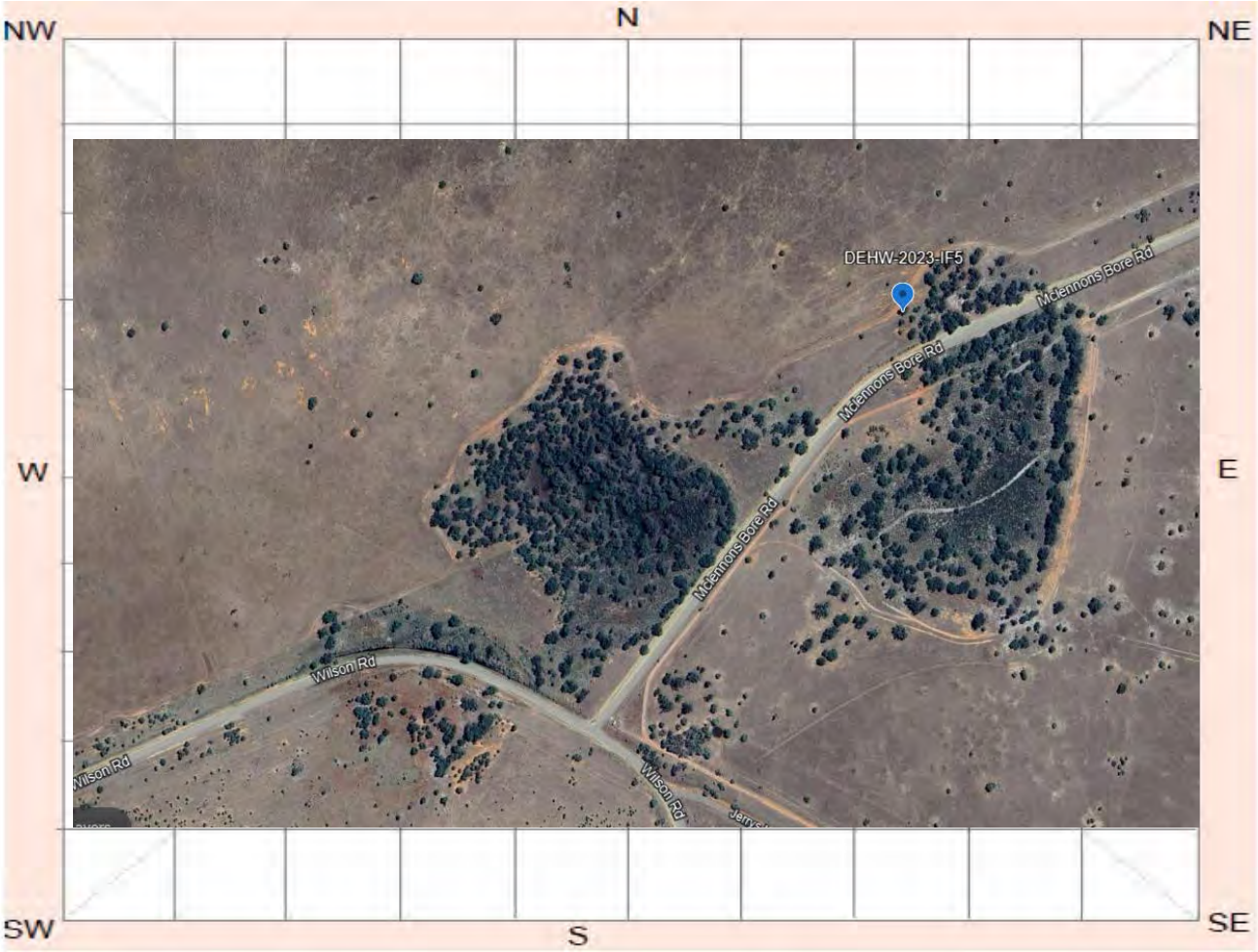
Land Form Unit: Lagoon **Vegetation:** Grasslands

Distance to Water (m): 1100 **Primary Report:** Dinawan Energy Hub Wind ACHA

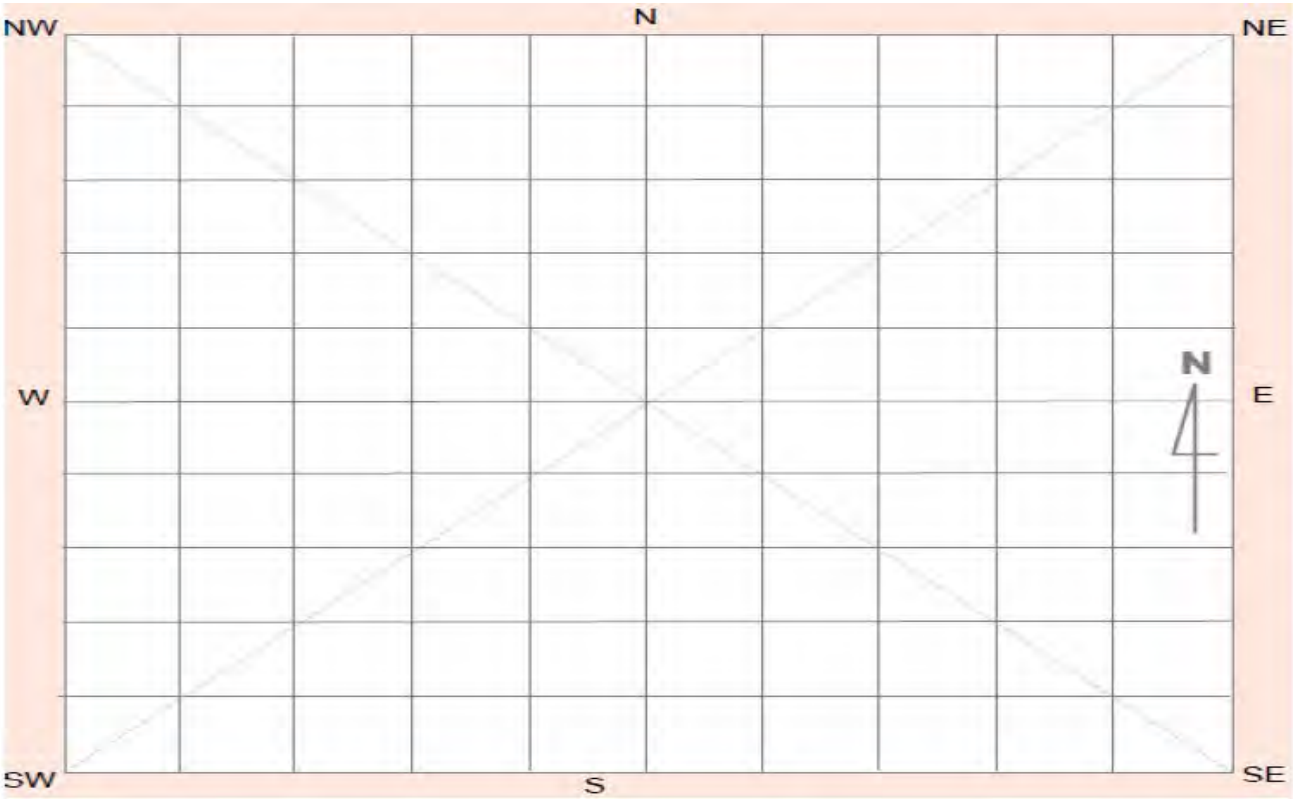
How to get to the site: Access site via Mclennons Bore Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1. Artefact	1	1	1				

Feature condition: Disturbed

Description:

Singular silcrete core identifying signs of potential heat treatment, located on a gilgai in proximity to ephemeral wetland.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

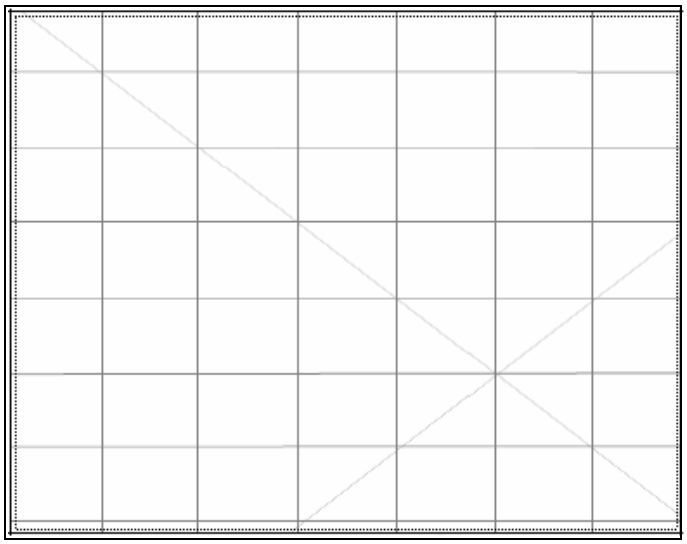
Site photographs



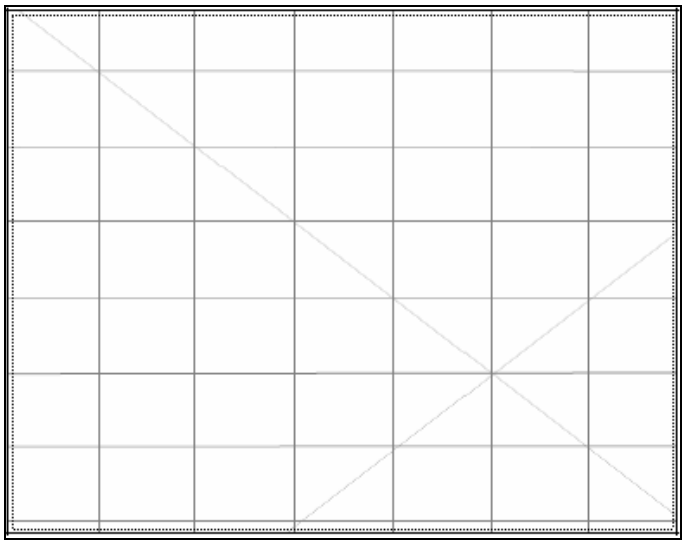
Description: Detailed close up of silcrete core.



Description: Location of site and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0278 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IF6

Easting: 353399 **Northing:** 6126295 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Floodplain **Land Use:** Farming Intensive

Land Form Unit: Plain **Vegetation:** Isolated clumps of trees

Distance to Water (m): 2300 **Primary Report:** Dinawan Energy Hub Wind ACHA

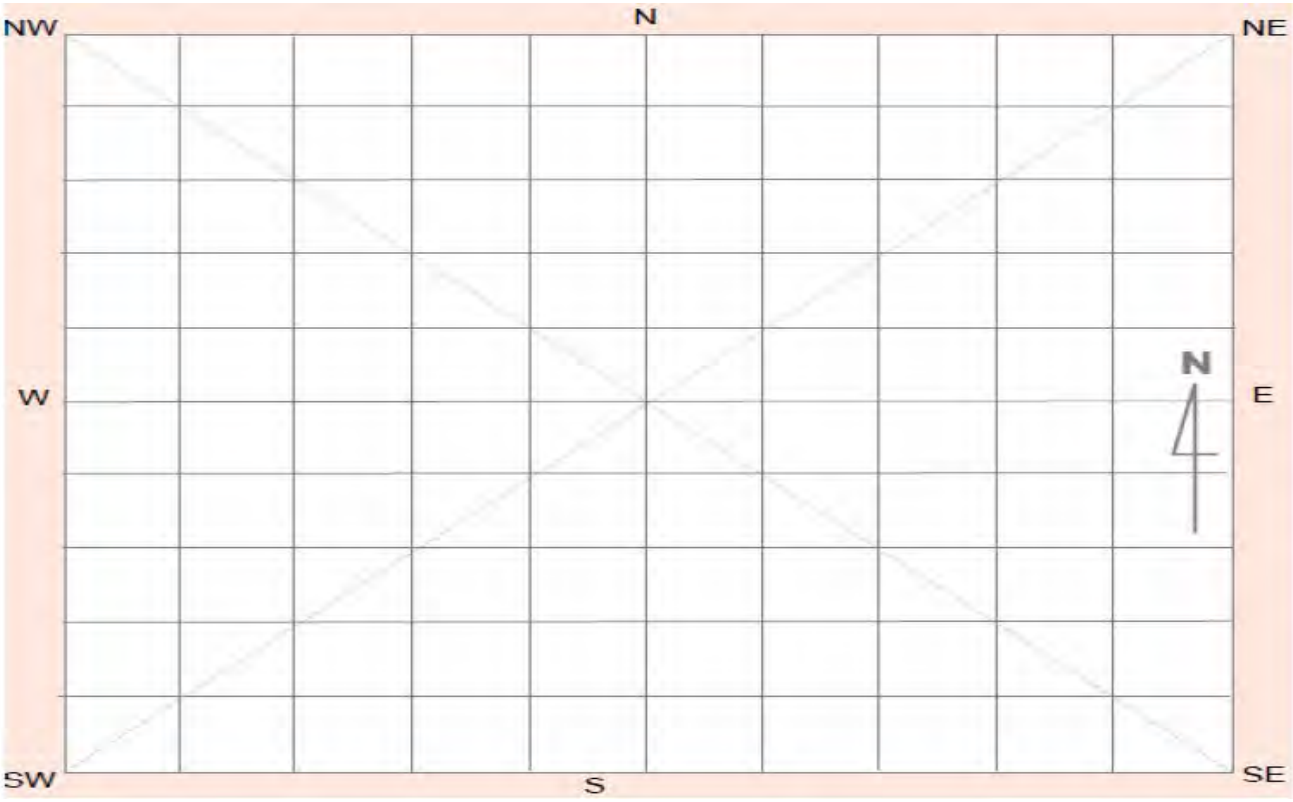
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	1	1	1				

Feature condition: Disturbed

Description:

Tentative grinding stone fragment comprising brown/ purple material potentially sandstone or quartzite, or a conglomerate of materials associated with nearby paleochannels. The fragment was identified on a scald exposure.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

Feature condition:

Description:

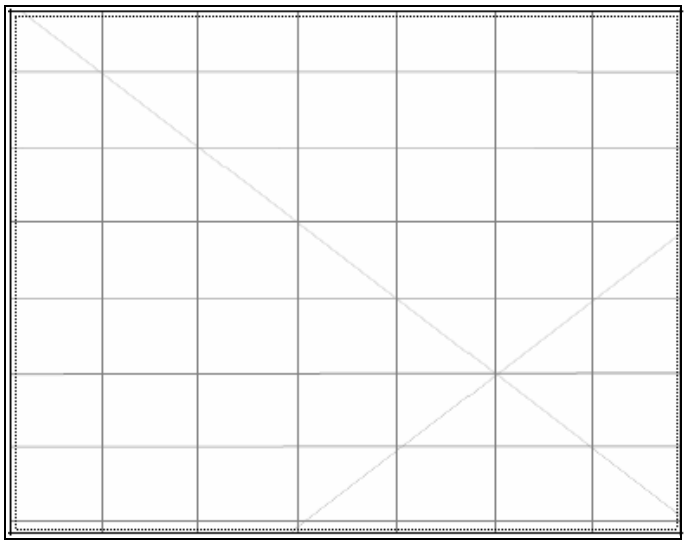
Site photographs



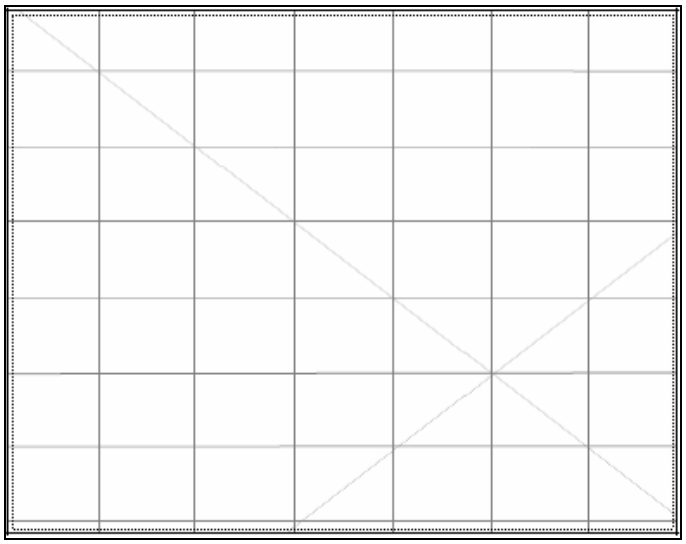
Description: Detailed close up of grinding stone fragment.



Description: Location of grinding fragment and condition of surrounding landscape. View north-east.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0166 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IF7

Easting: 375284 **Northing:** 6121153 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

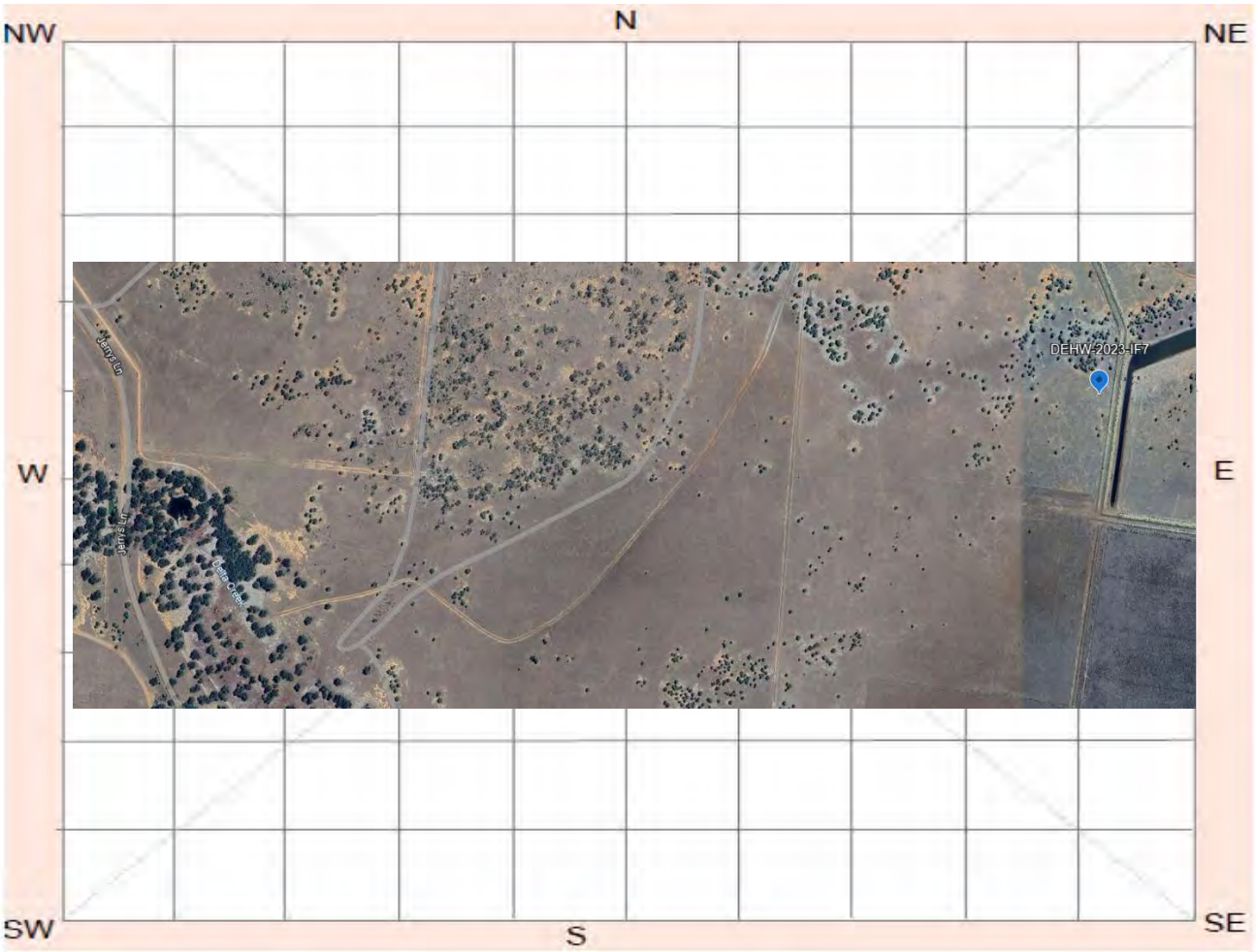
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 120 **Primary Report:** Dinawan Energy Hub Wind ACHA

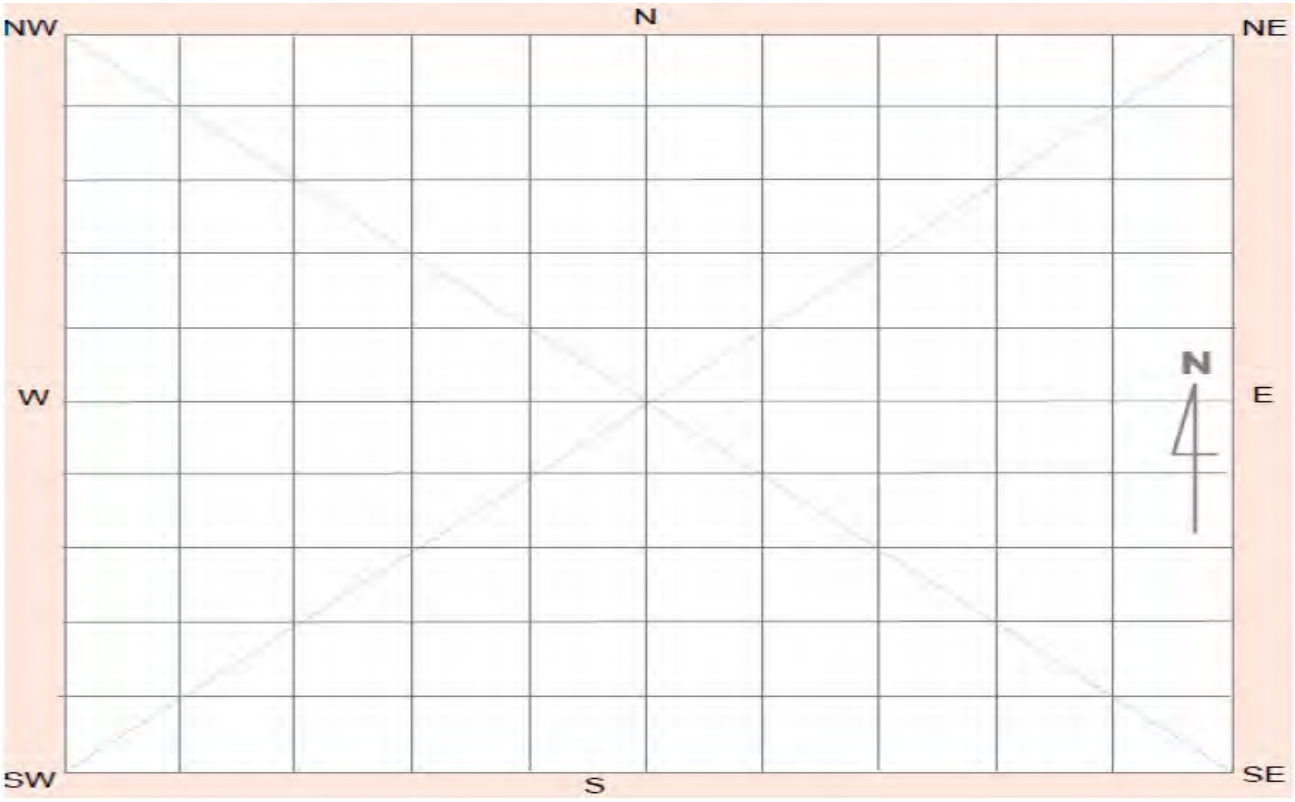
How to get to the site: Access site via Jerrys Lane.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Stock Damage

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	1	1	1				

Feature condition: Disturbed

Description:

Grinding stone fragment, polished surfaces on both sides located on cattle track exposure.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

Feature condition:

Description:

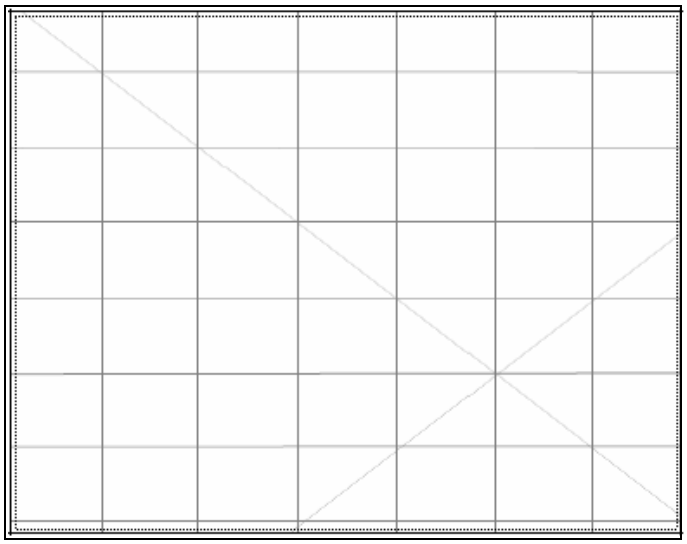
Site photographs



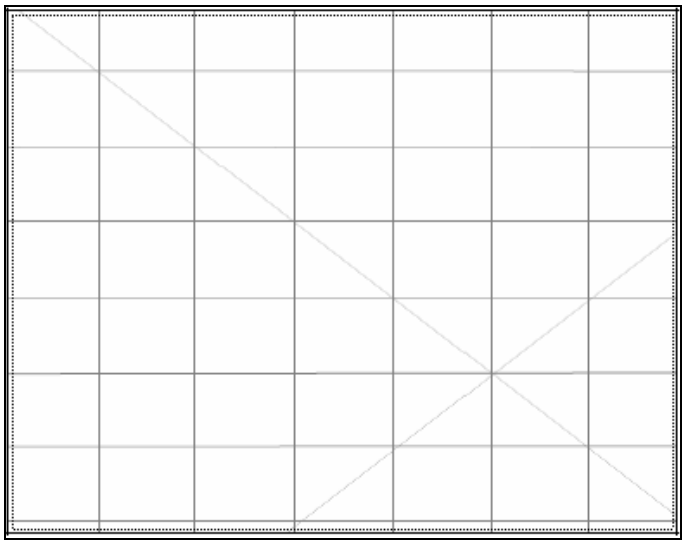
Description: Detailed close up of grinding stone fragment.



Description: Location of fragment and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 49-4-0240 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IF8

Easting: 364225 **Northing:** 6135135 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

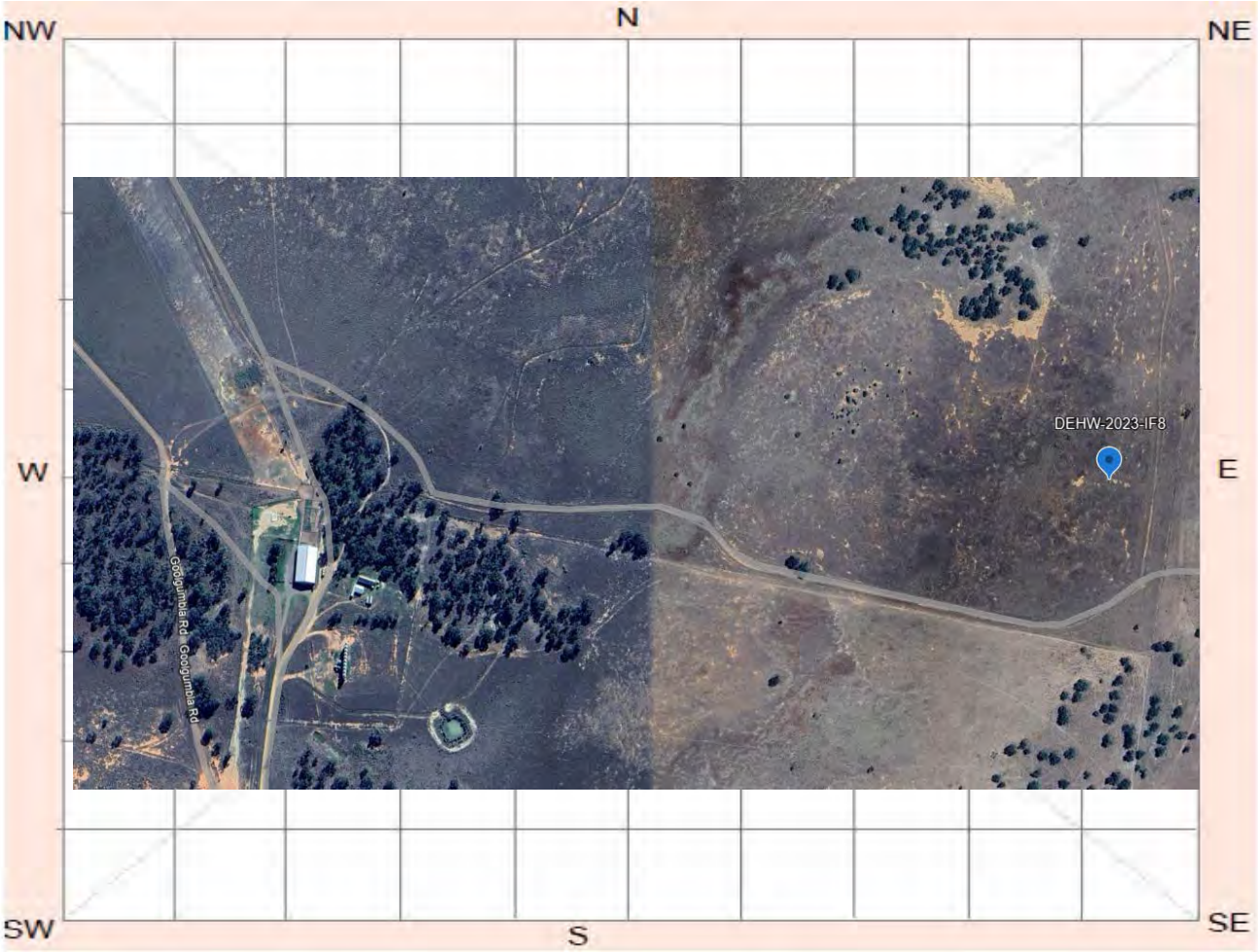
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 1800 **Primary Report:** Dinawan Energy Hub Wind ACHA

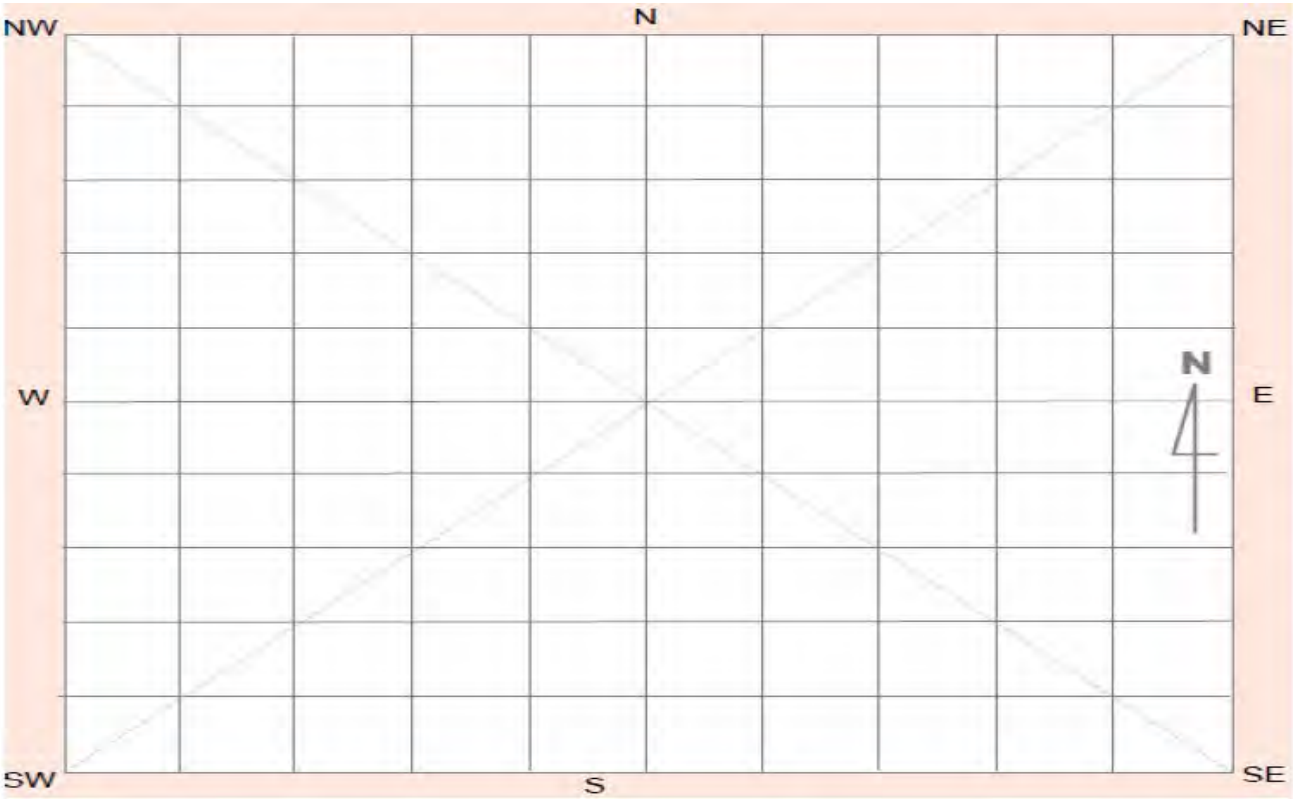
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	1	1	1				

Feature condition: Disturbed

Description:

One tentative mudstone flake identified on a scald exposure.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

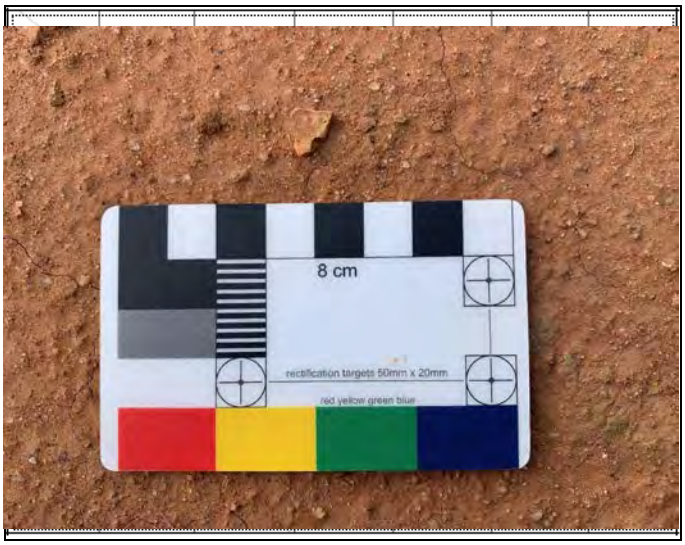
Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

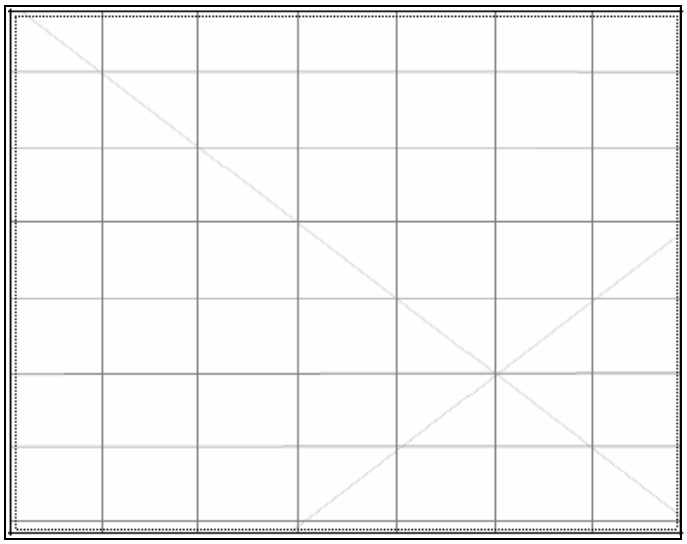
Site photographs



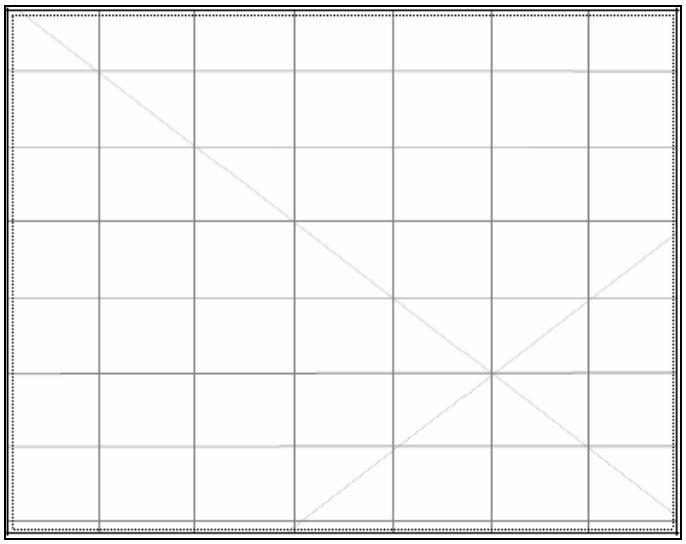
Description: Detailed close up of mudstone flake.



Description: Location of flake and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 49-4-0239 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IF9

Easting: 363921 **Northing:** 6134191 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

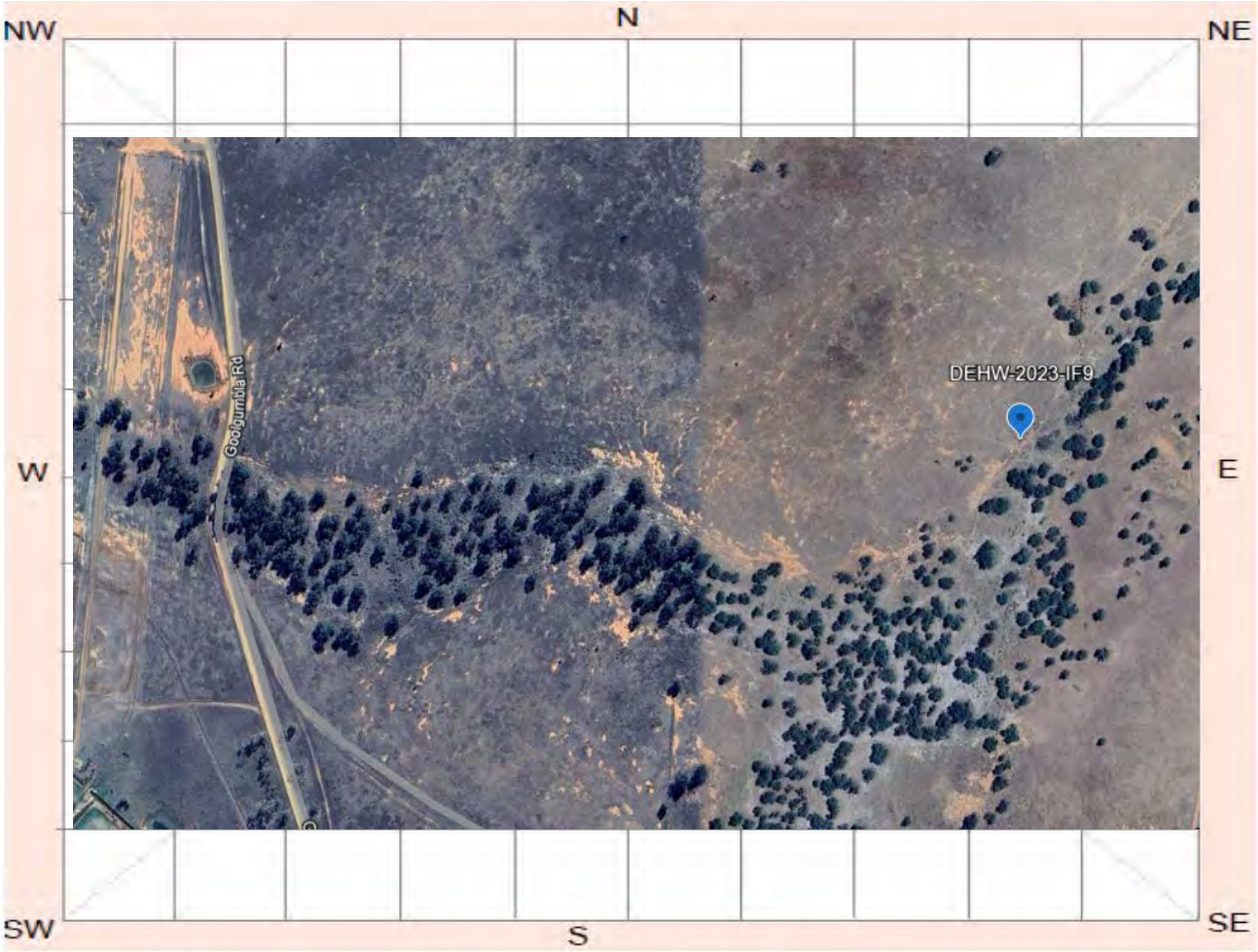
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 1000 **Primary Report:** Dinawan Energy Hub Wind ACHA

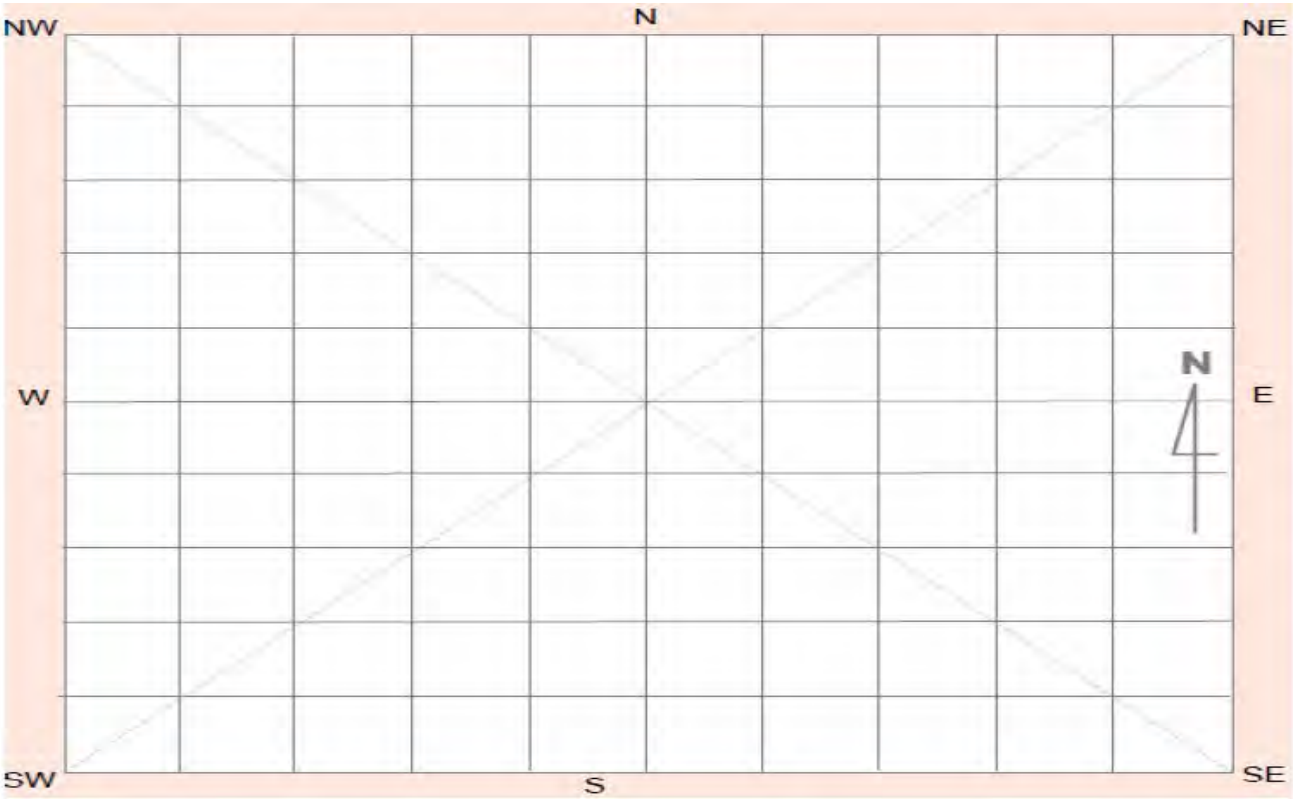
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	1	1	1				

Feature condition: Disturbed

Description:

Single tentative quartz flake located on a scald exposure.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

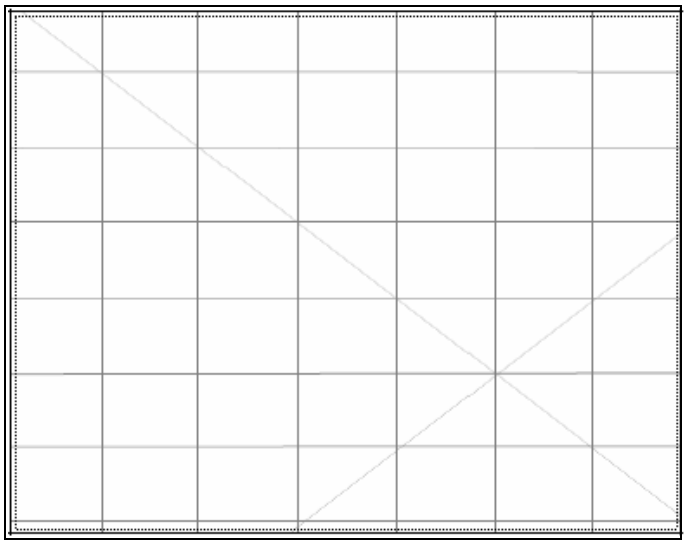
Site photographs



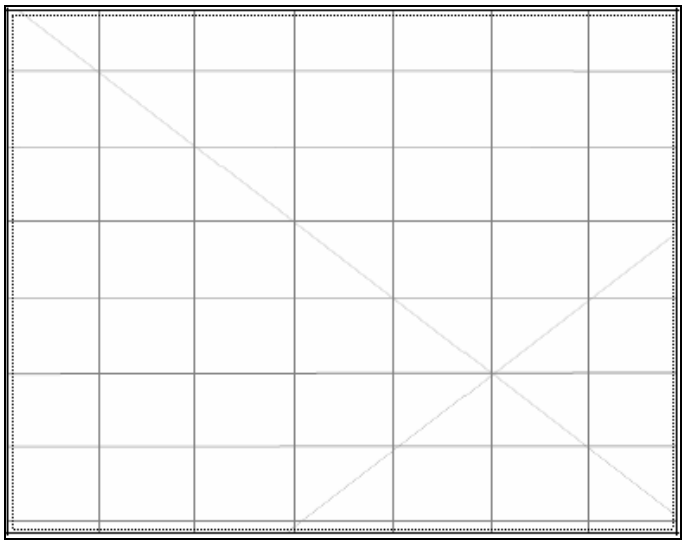
Description: Location of flake and condition of surrounding landscape. View north.



Description: Detailed close up of tentative quartz flake.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0277 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IF10

Easting: 358423 **Northing:** 6137169 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

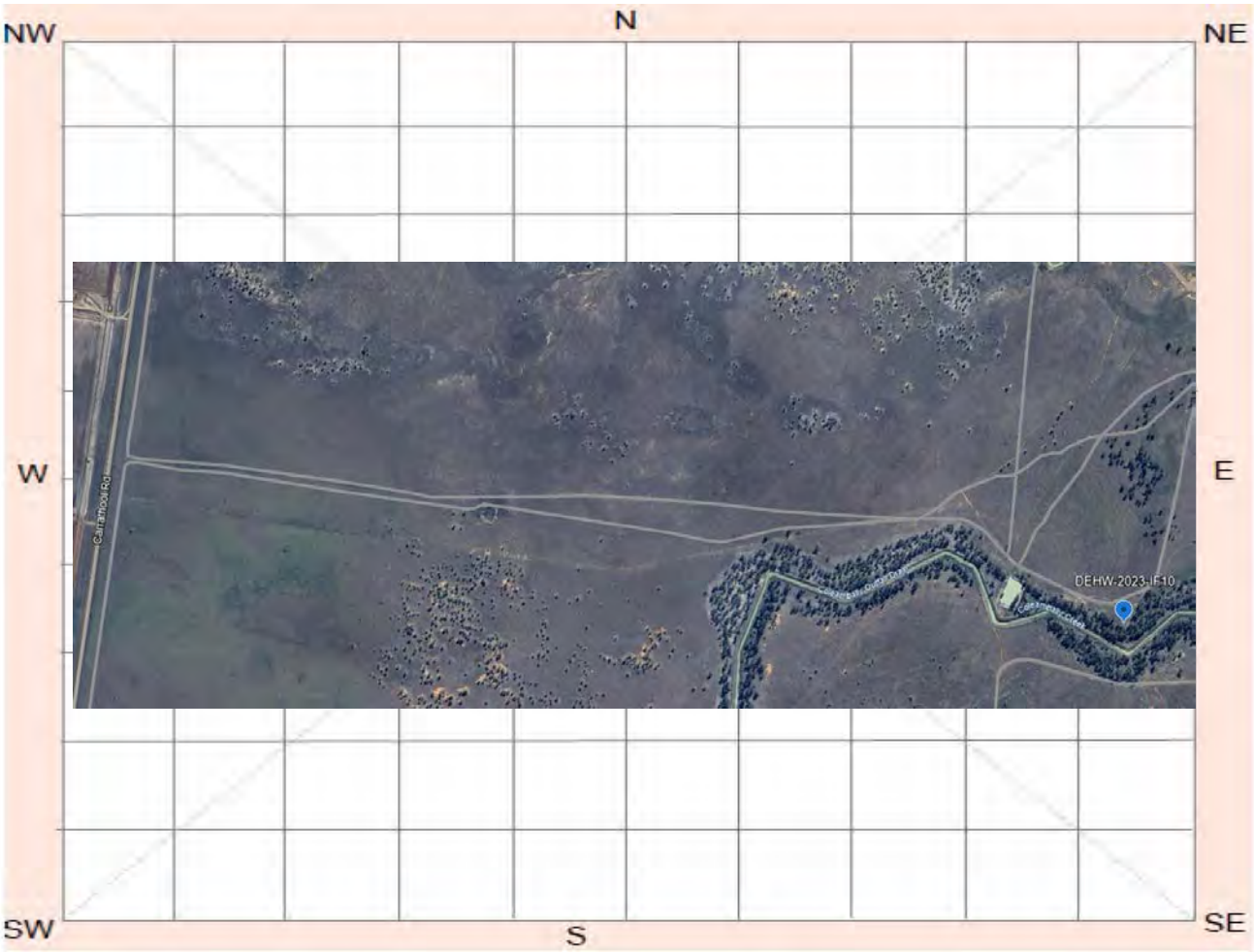
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 50 **Primary Report:** Dinawan Energy Hub Wind ACHA

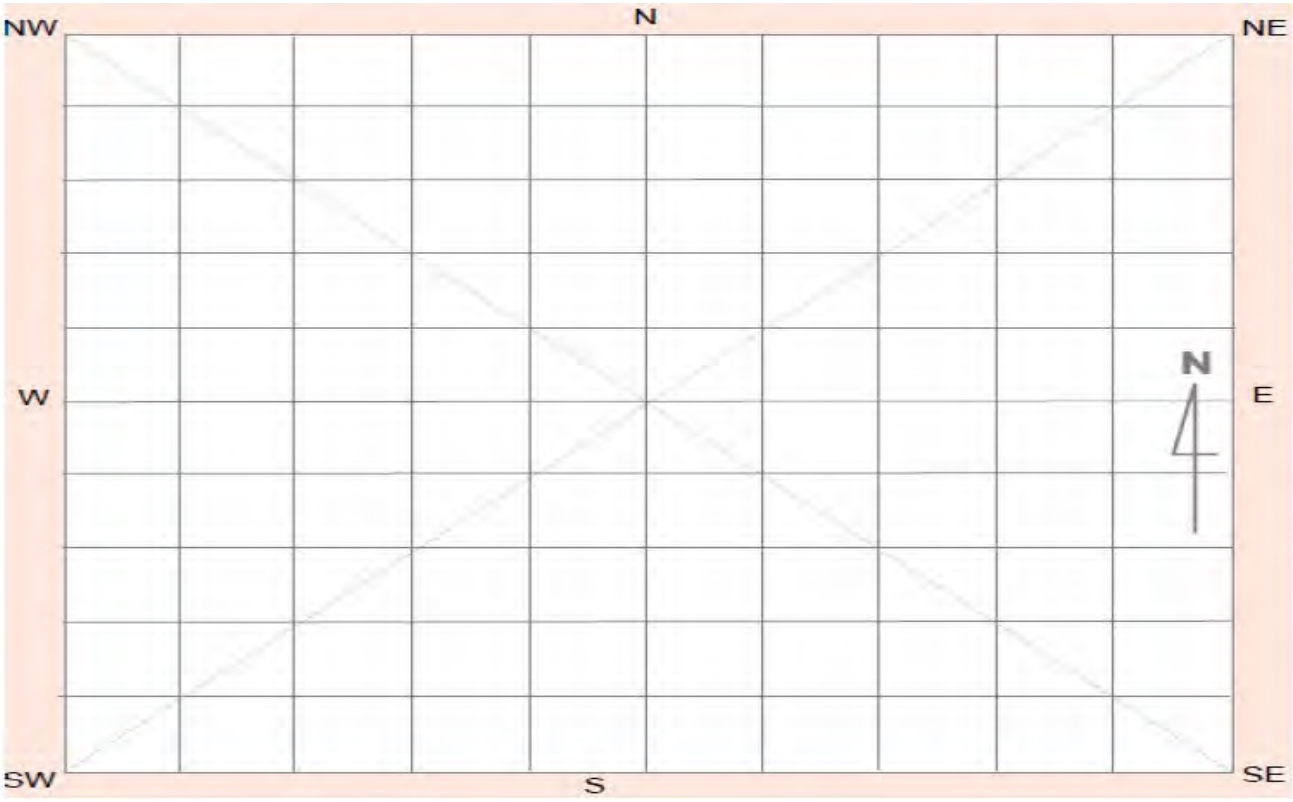
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	1	1	1				

Feature condition: Disturbed

Description:

One quartz flake located on scald exposure in proximity to Buhdaani Buhdaani, a medicinal plant known as 'Old man sneeze weed'.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

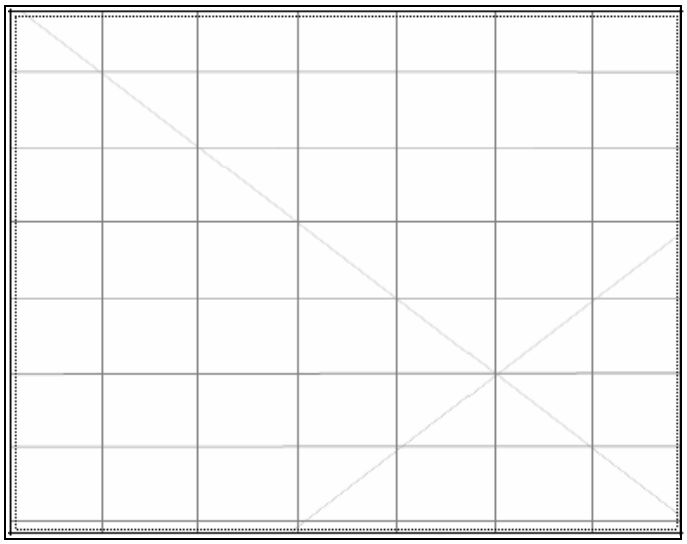
Site photographs



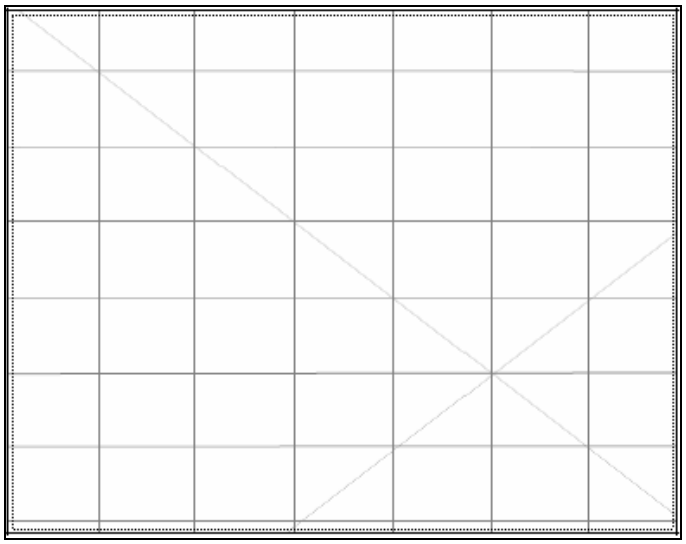
Description: Detailed close up of quartz flake.



Description: Location of flake and condition of surrounding landscape. View east.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0276 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IF11

Easting: 361790 **Northing:** 6140726 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 1700 **Primary Report:** Dinawan Energy Hub Wind ACHA

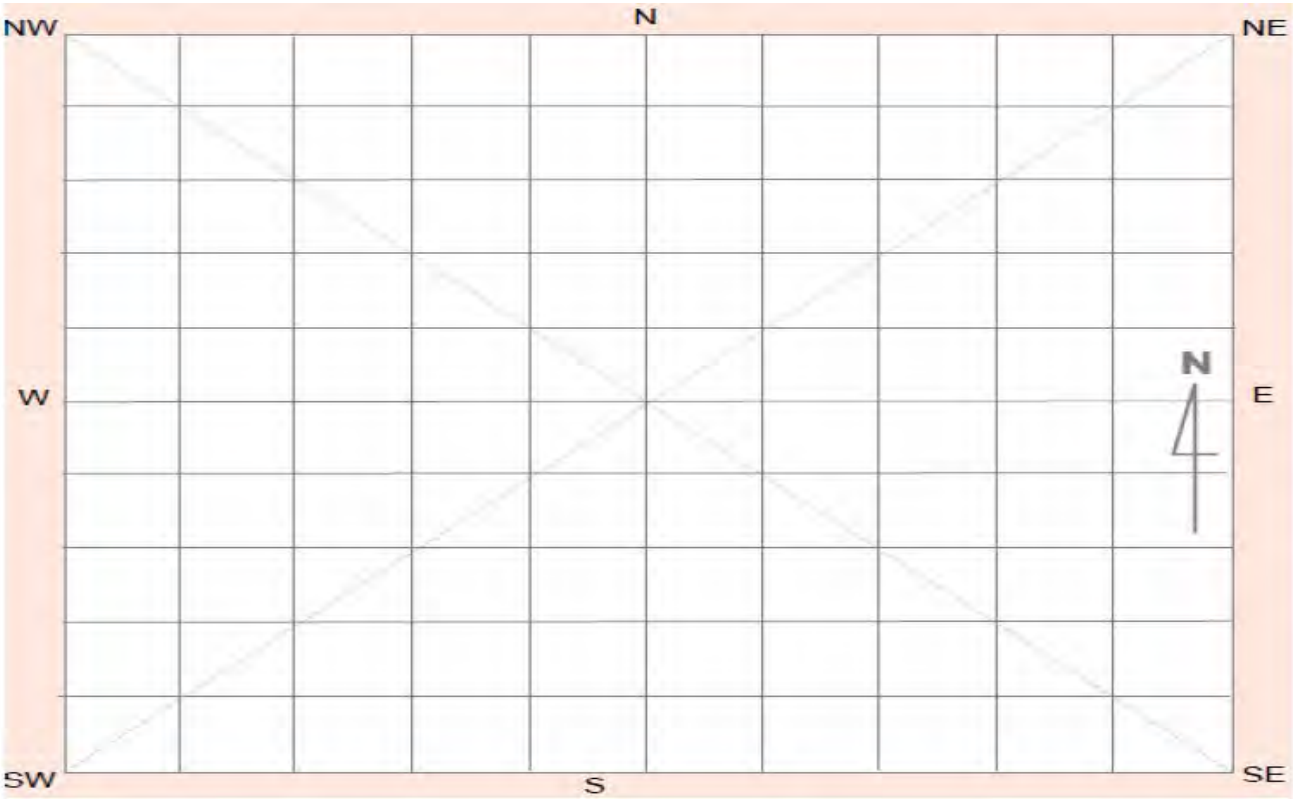
How to get to the site: Access site via Four Corners Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	1	1	1				

Feature condition: Disturbed

Description:

One tentative quartz flake located on scald exposure.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

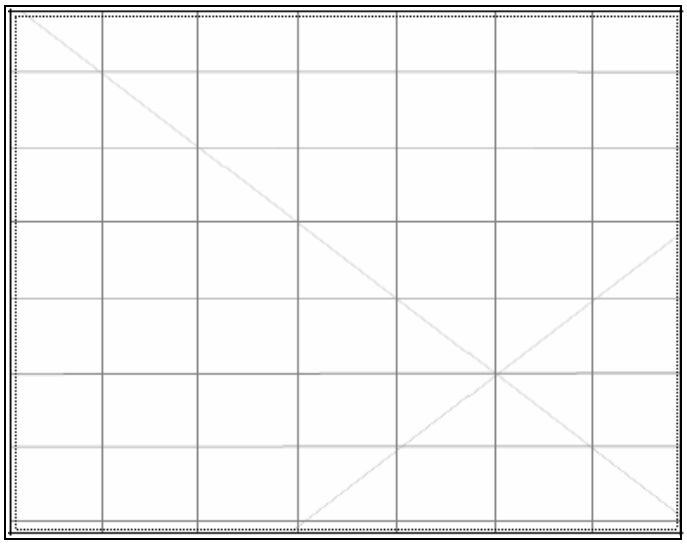
Site photographs



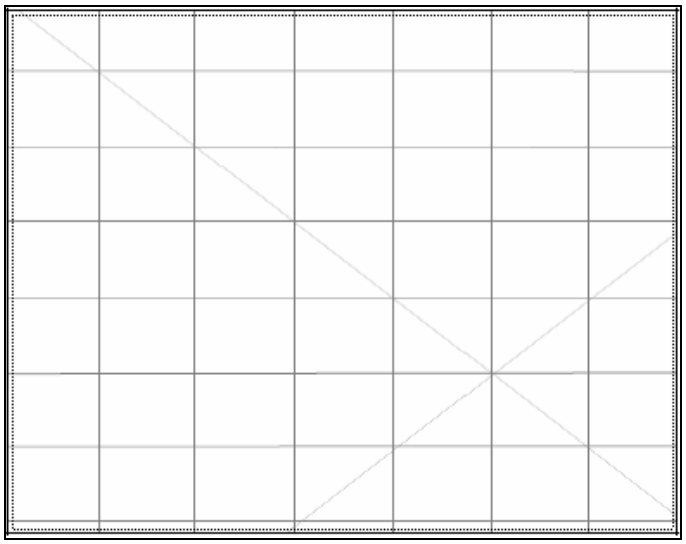
Description: Detailed close up of tentative quartz flake.



Description: Location of flake and condition of surrounding landscape. View west.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0275 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IF12

Easting: 356175 **Northing:** 6139996 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 500 **Primary Report:** Dinawan Energy Hub Wind ACHA

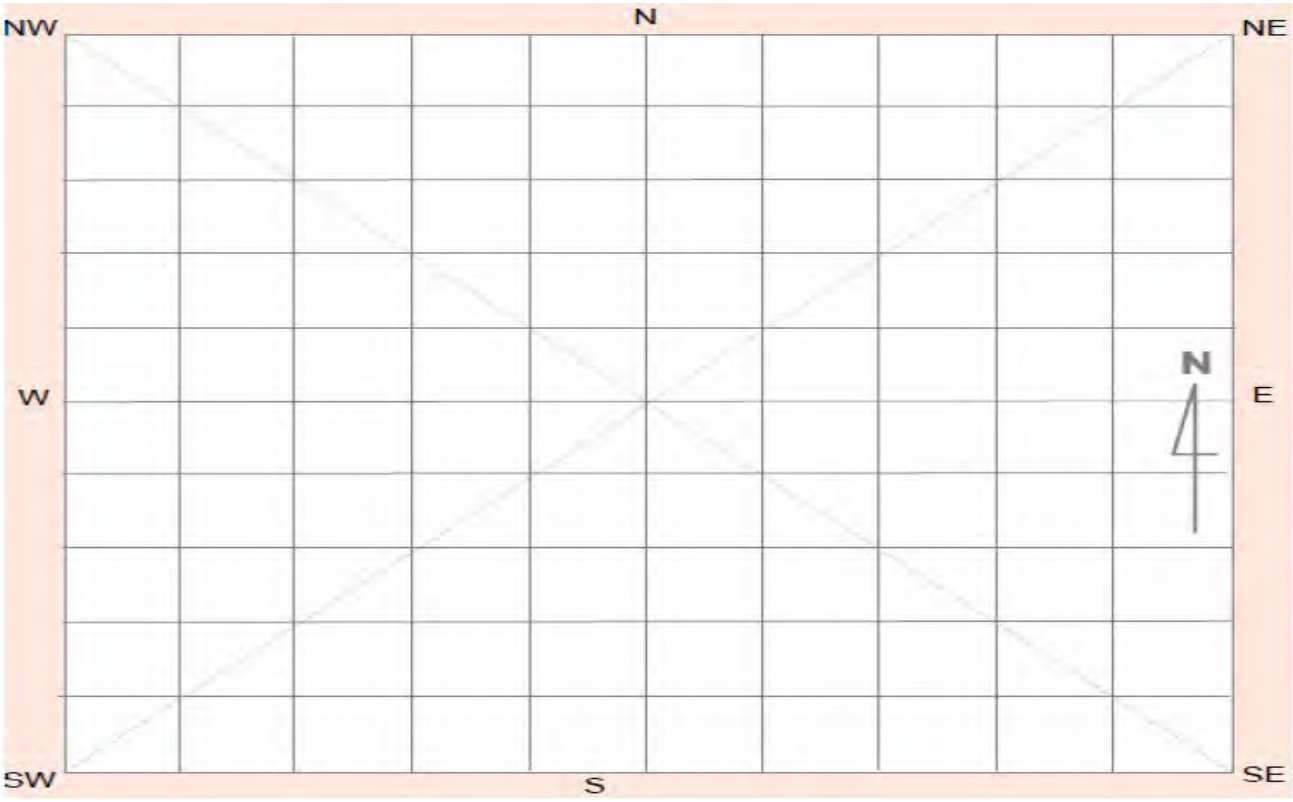
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1.	Artefact	1	1	1				

Feature condition: Disturbed

Description:

One silcrete flake, located on scald exposure parallel to fence line.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

Feature condition:

Description:

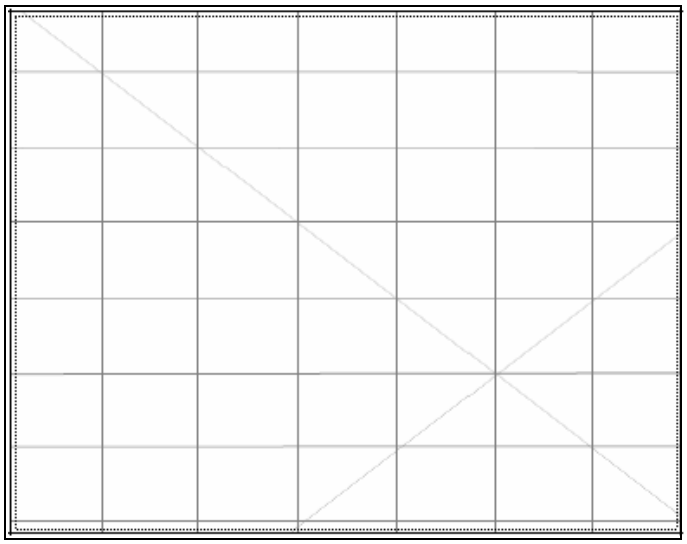
Site photographs



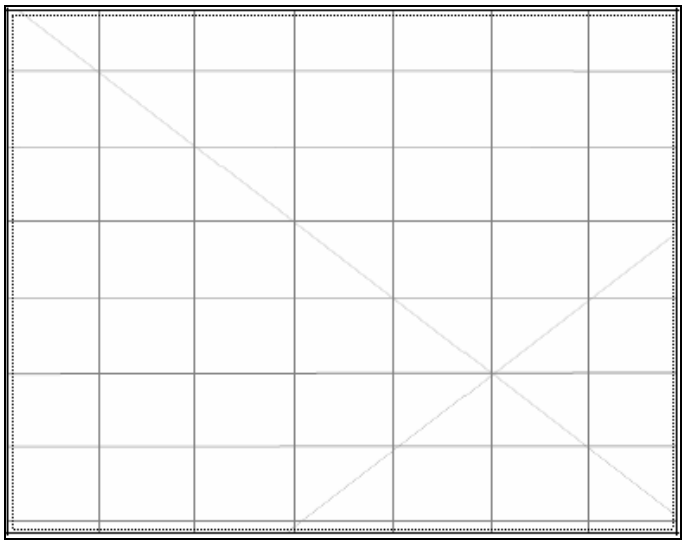
Description: Detailed close up of silcrete flake.



Description: Location of flake and condition of surrounding landscape.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 49-4-0238 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IF13

Easting: 375874 **Northing:** 6127968 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Low Intensity

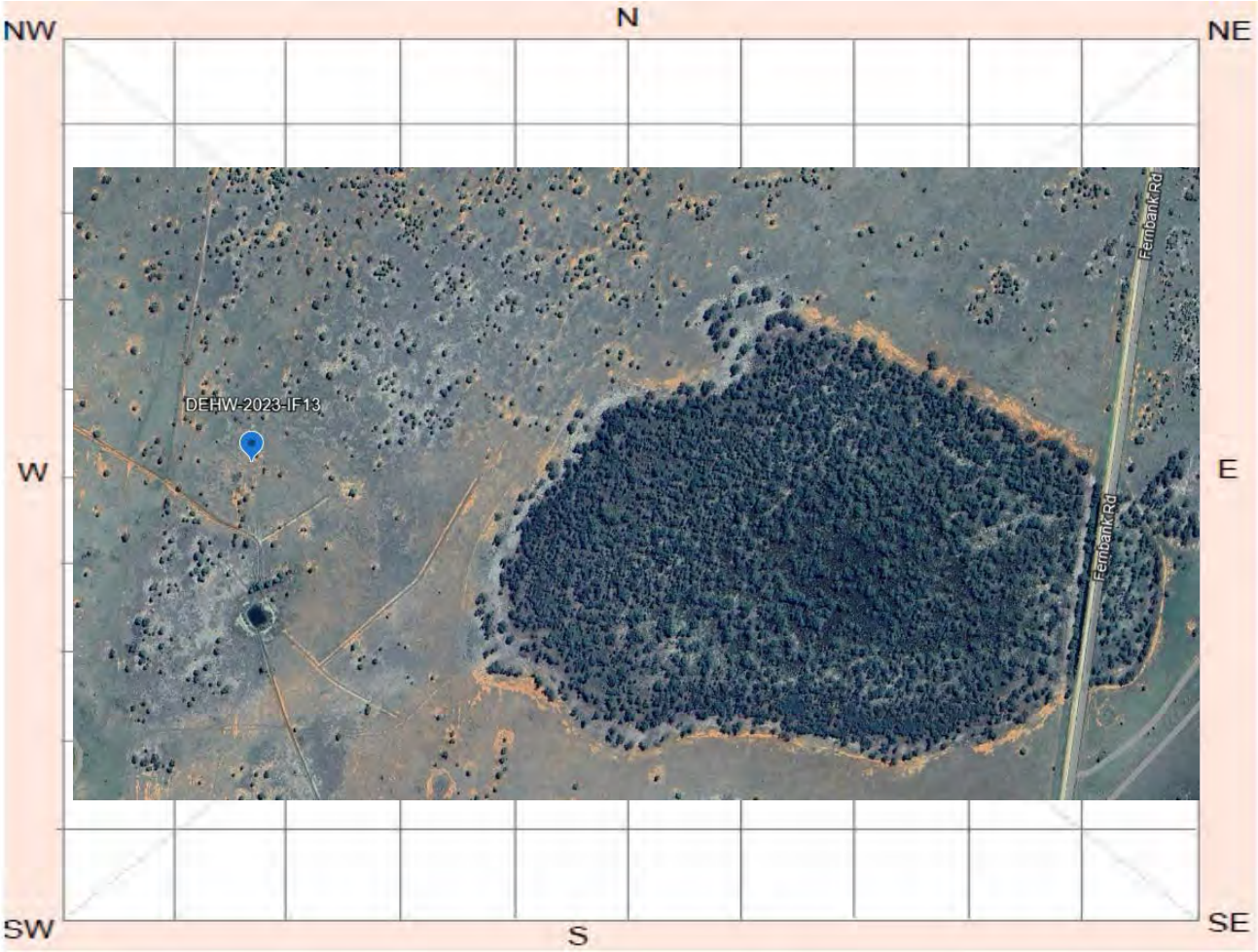
Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 440 **Primary Report:** Dinawan Energy Hub Wind ACHA

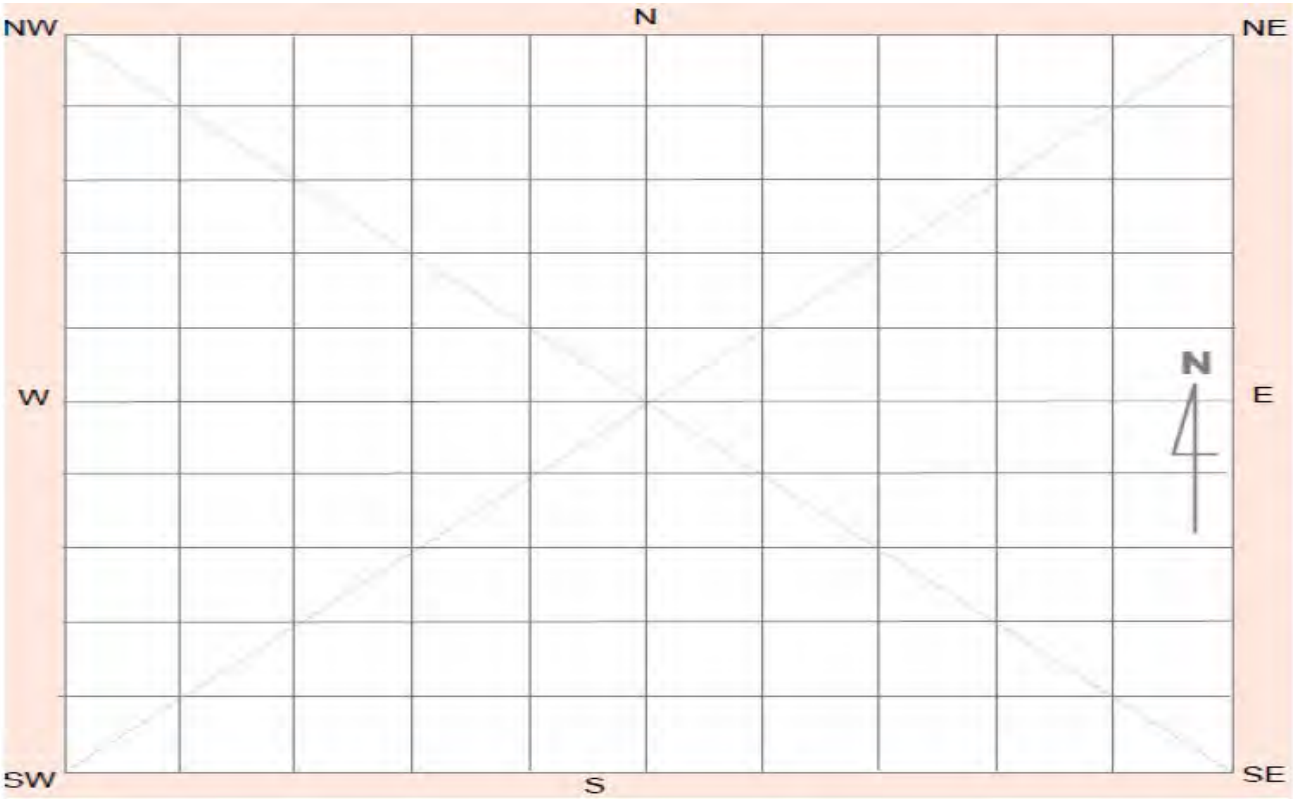
How to get to the site: Access site via Fernbank Road.

Other site information: The landscape shows potential signs of laser levelling across the site area.

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	1	1	1				

Feature condition: Disturbed

Description:

Quartz core with evident bulb of percussion with three negative flake scars.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

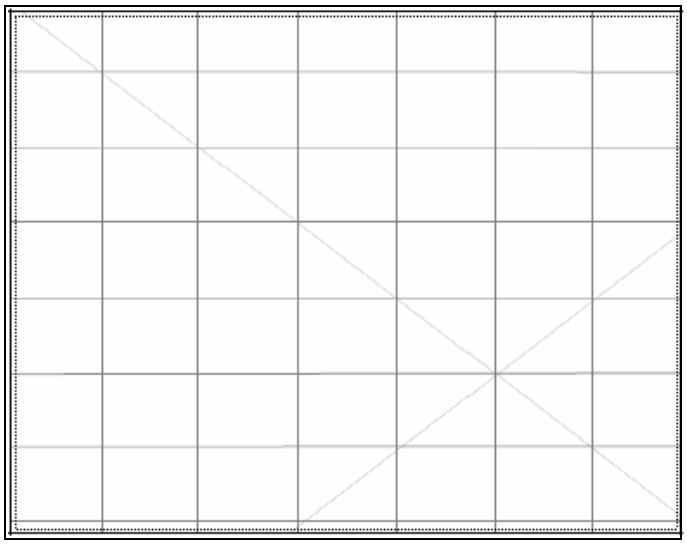
Site photographs



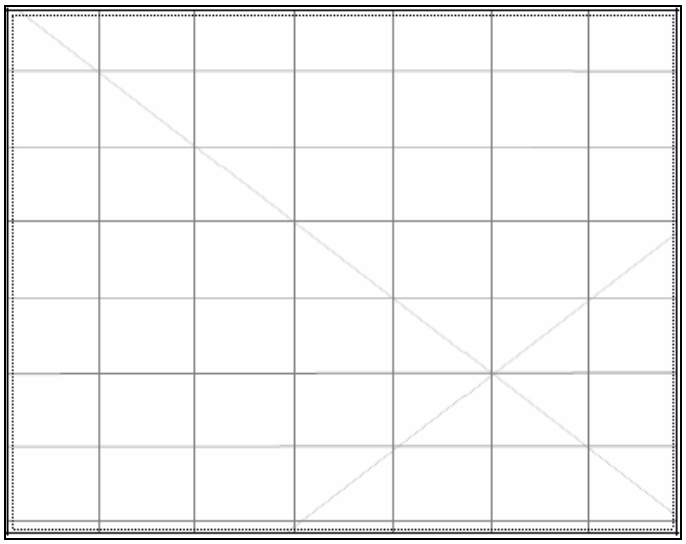
Description: Detailed close up of quartz core.



Description: Location of core and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0142 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IF14

Easting: 372337 **Northing:** 6123261 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Farming Intensive

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 1050 **Primary Report:** Dinawan Energy Hub Wind ACHA

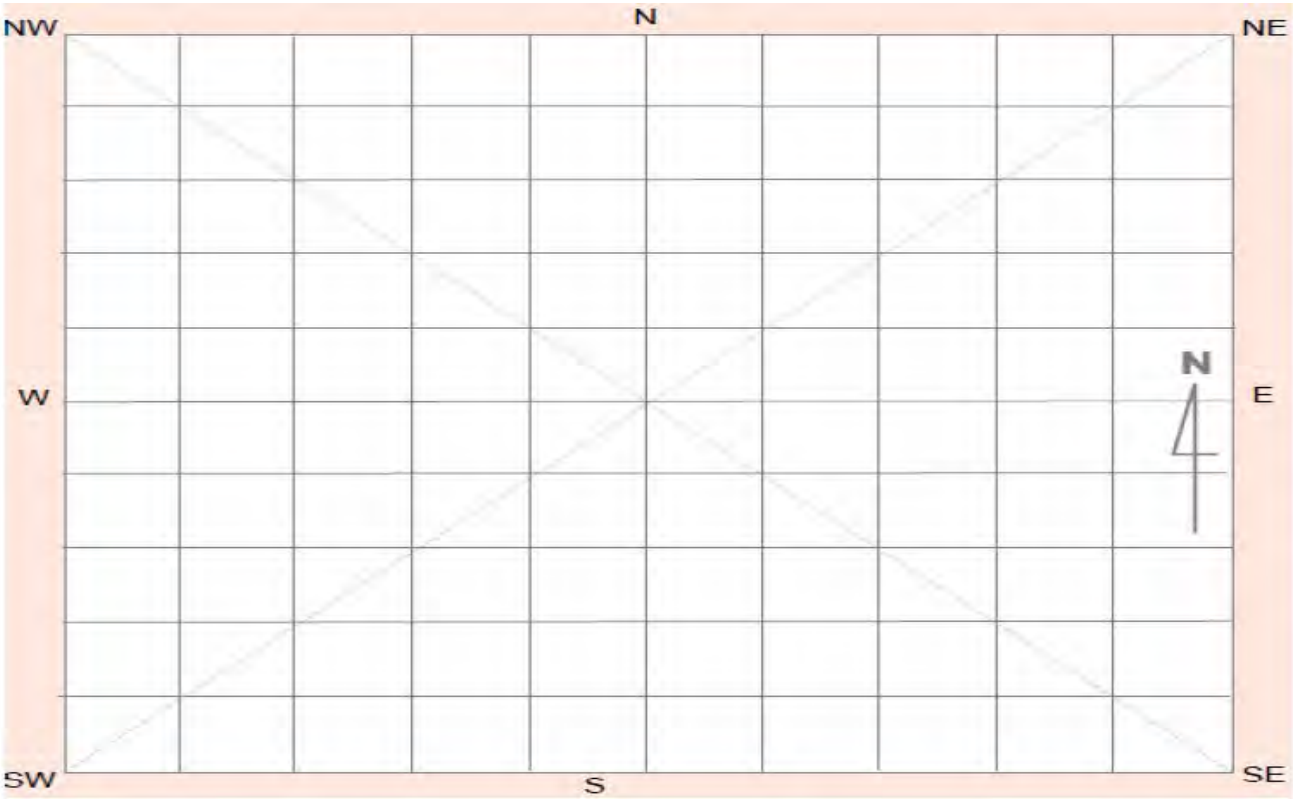
How to get to the site: Access site via Mclennon's Bore Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1. Artefact	1	1	1				

Feature condition: Disturbed

Description:

Tentative quartzite core located on scald exposure in close proximity to dirt roadway.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.							

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.								

Feature condition:

Description:

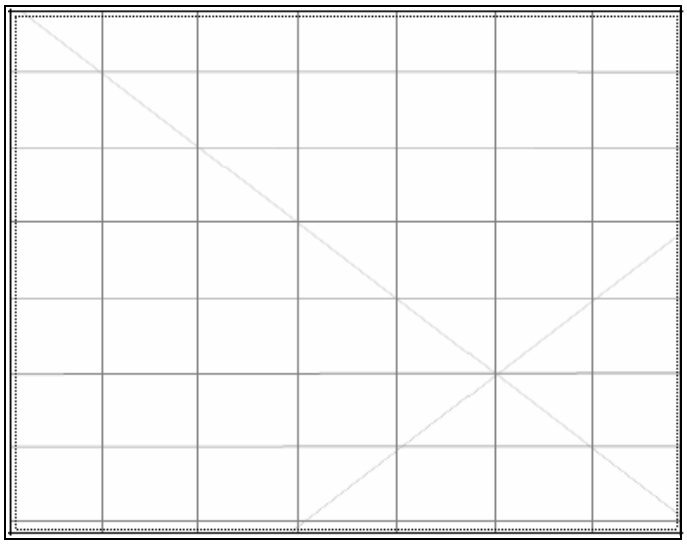
Site photographs



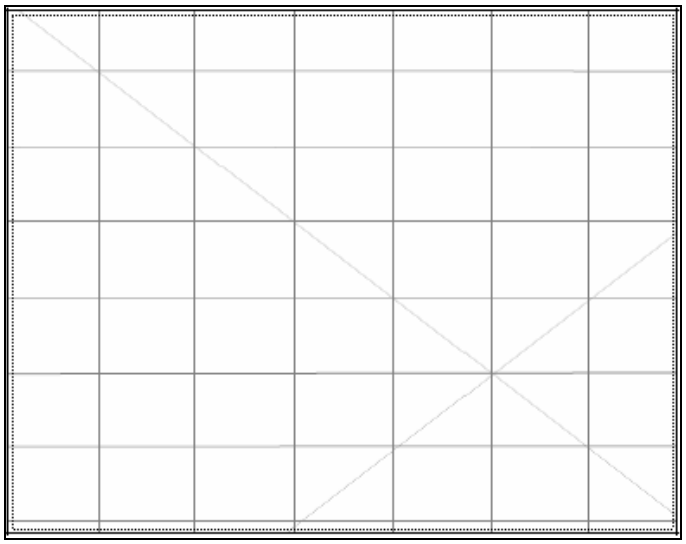
Description: Detailed close up of Quartzite core.



Description: Location of core and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0274 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IFPAD1

Easting: 356385 **Northing:** 6127913 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

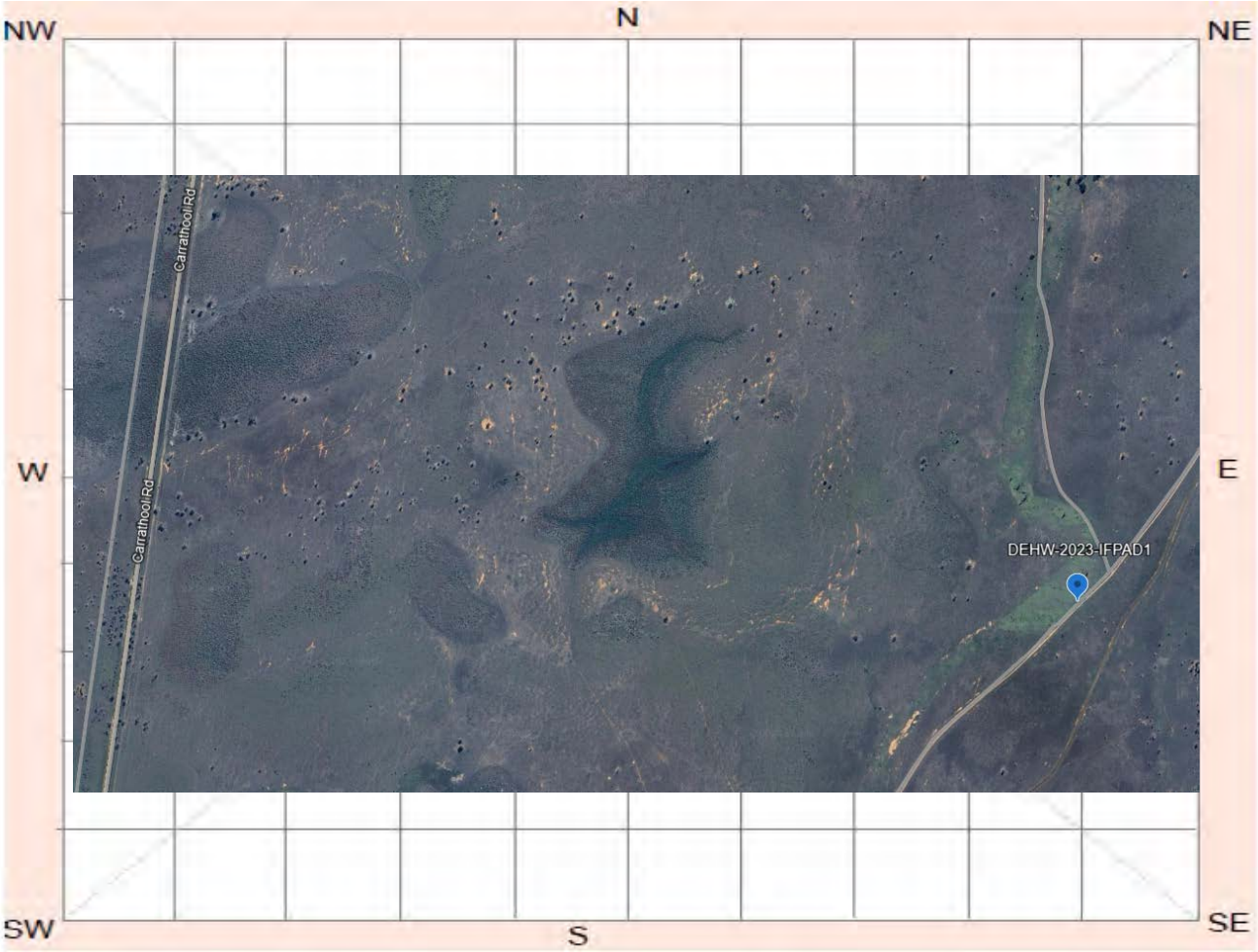
Land Form Unit: Plain **Vegetation:** Cleared

Distance to Water (m): 110 **Primary Report:** Dinawan Energy Hub Wind ACHA

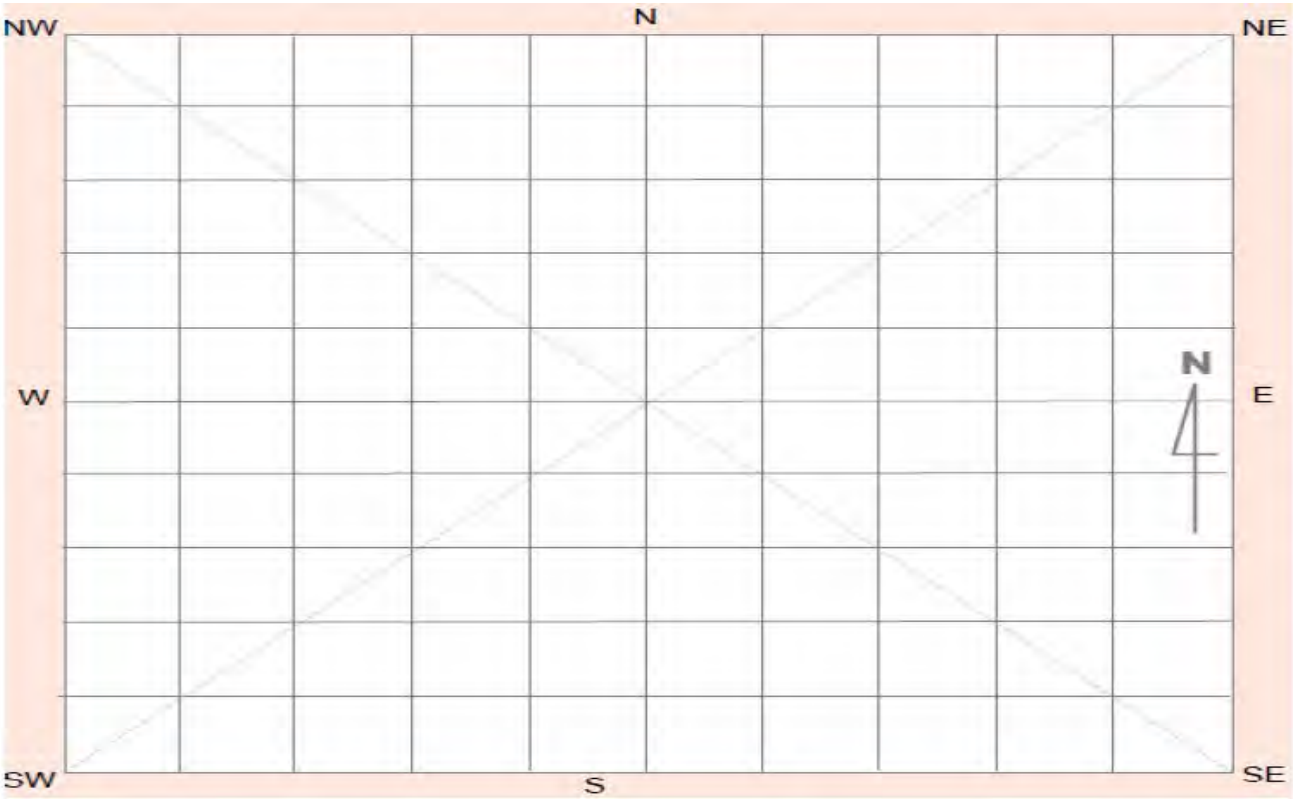
How to get to the site: Access site via Carrathool Road.

Other site information: Landscape comprised of dark brown silty loam soils with isolated trees and very few exposures.

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Vehicle damage

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
1.	Artefact	1	550	260				

Feature condition: Disturbed

Description:

A singular silcrete flake identified, associated with PAD located at the top of a very gently inclined rise to the west, located in close proximity to a vehicle access track.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
2.	Potential Archaeological Deposit		550	260				

Feature condition: Disturbed

Description:

PAD identified at the top of very a gently inclined rise to the west associated with a singular silcrete flake located in close proximity to a vehicle access track.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
5.							

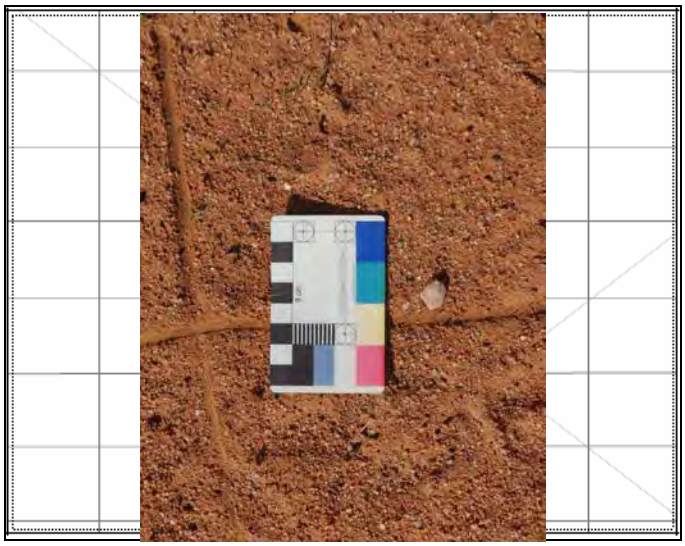
Feature condition:

Description:

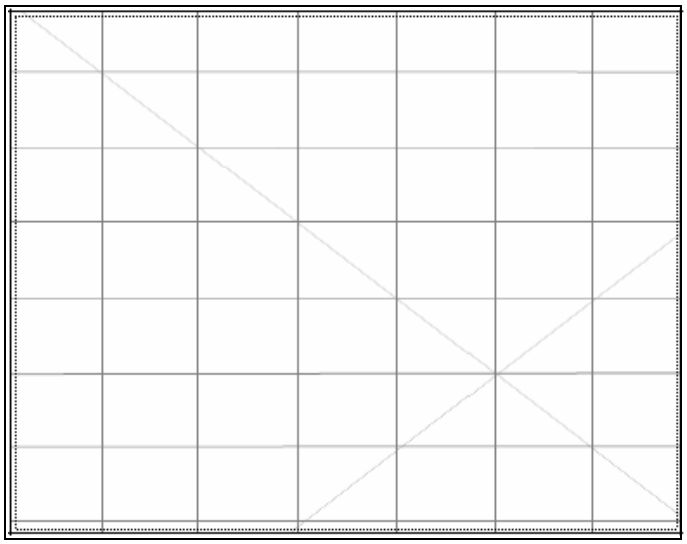
Site photographs



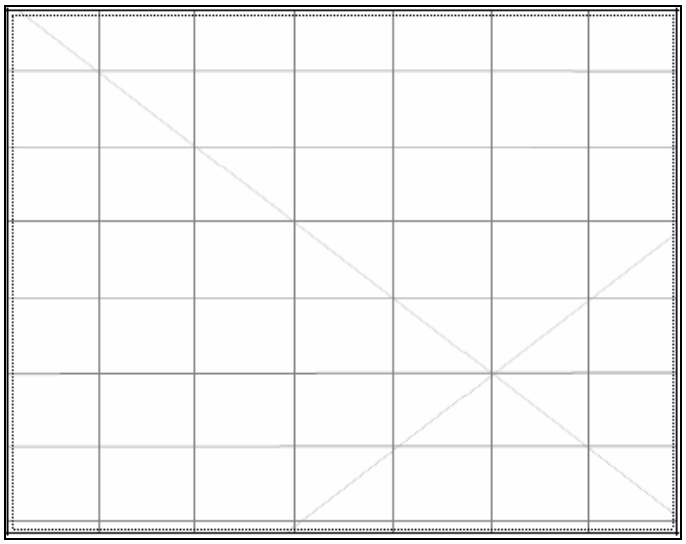
Description: Location of flake and condition of surrounding landscape.



Description: Detailed close up of silcrete flake.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 54-3-0072 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-IFPAD2

Easting: 353969 **Northing:** 6125301 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Floodplain **Land Use:** Farming Low Intensity

Land Form Unit: Plain **Vegetation:** Isolated clumps of trees

Distance to Water (m): 2000 **Primary Report:** Dinawan Energy Hub Wind ACHA

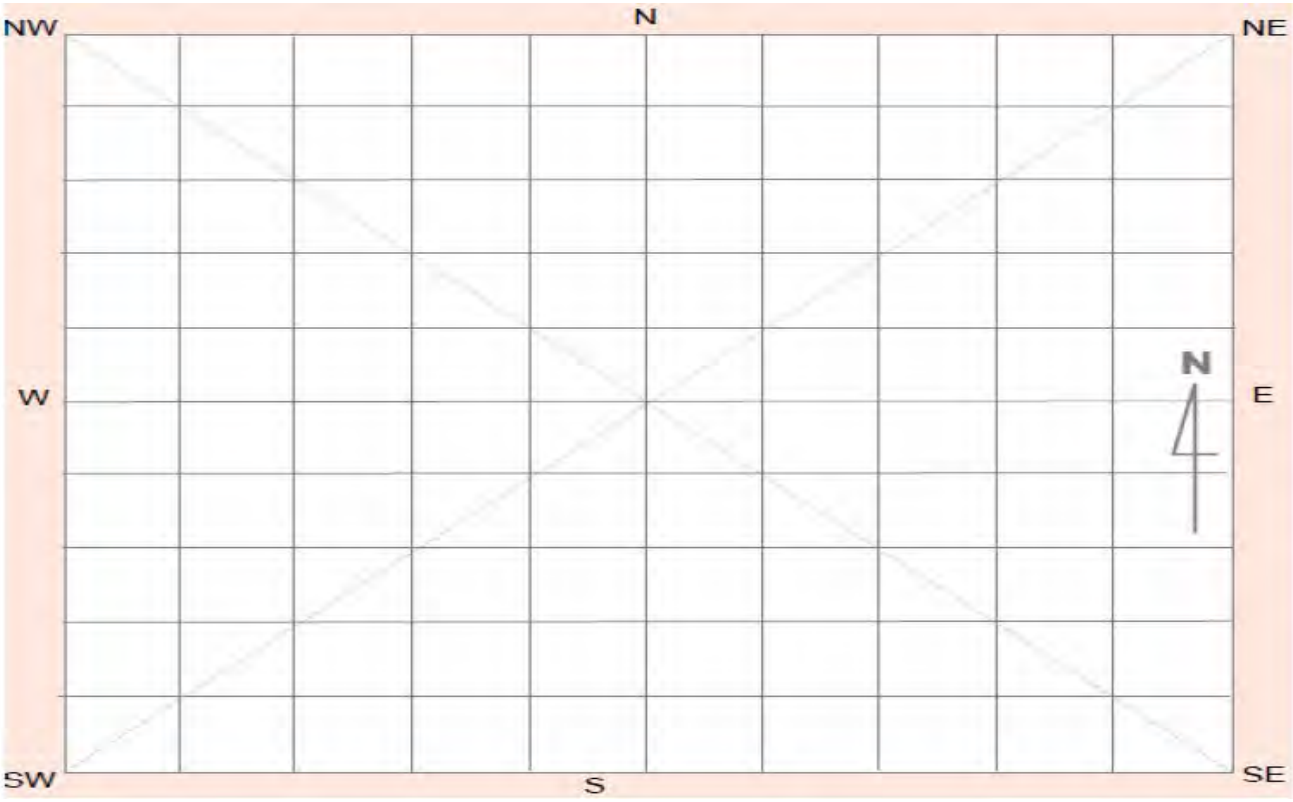
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Erosion

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	1	110	90				

Feature condition: Disturbed

Description:

A singular tentative quartz flake identified associated with the rabbit burrows and native pine evident in proximity.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Potential Archaeological Deposit		110	90				

Feature condition: Disturbed

Description:

Scald exposures with 10% visibility and 50% exposure, comprising brown silty-sand. Rabbit burrows and native pine evident in the landscape with a singular tentative quartz flake identified and is associated with the site.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

Feature condition:

Description:

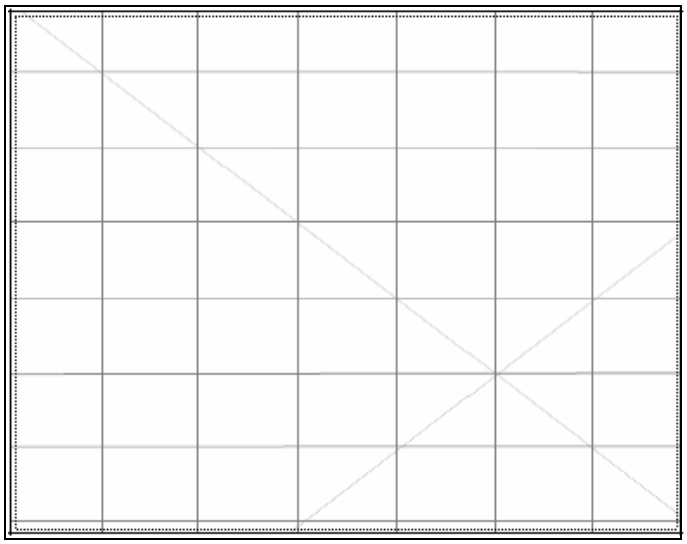
Site photographs



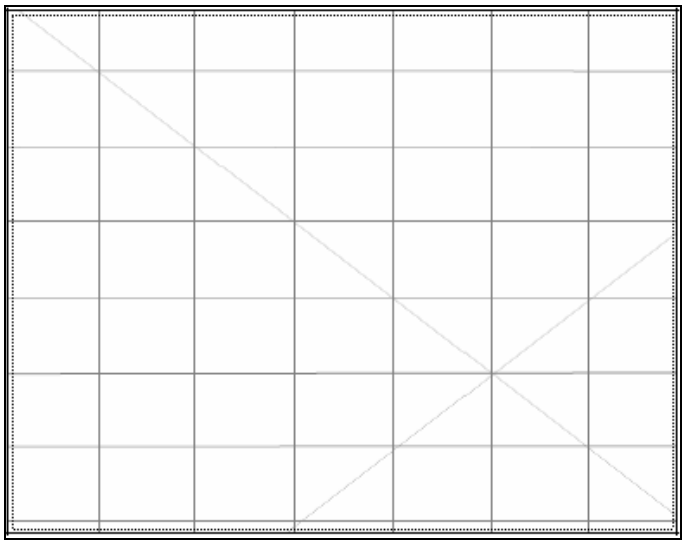
Description: Detailed close up of rabbit burrows.



Description: Location of site and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0273 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ST1

Easting: 354278 **Northing:** 6127289 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Floodplain **Land Use:** Pastoral/Grazing

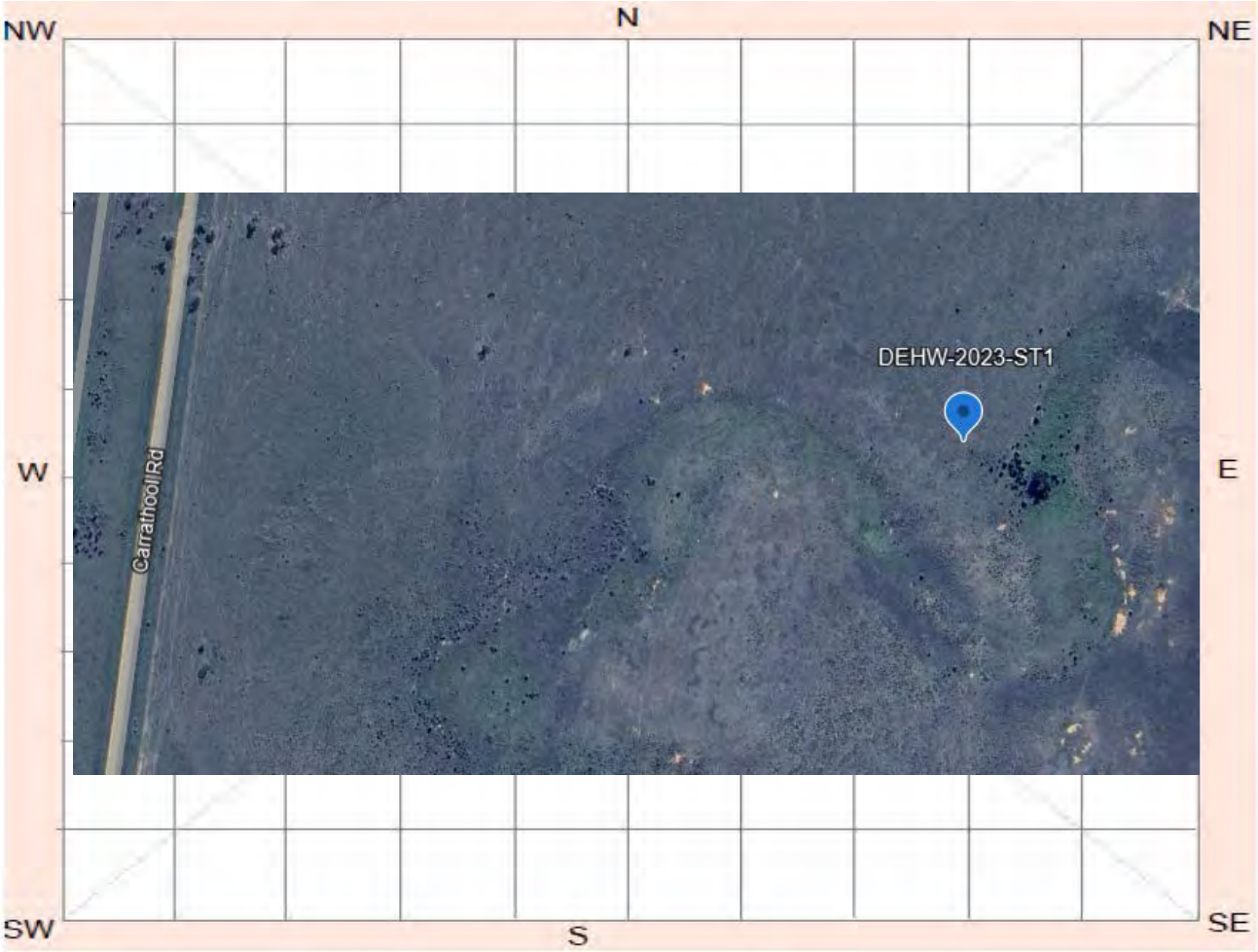
Land Form Unit: Plain **Vegetation:** Isolated clumps of trees

Distance to Water (m): 1500 **Primary Report:** Dinawan Energy Hub Wind ACHA

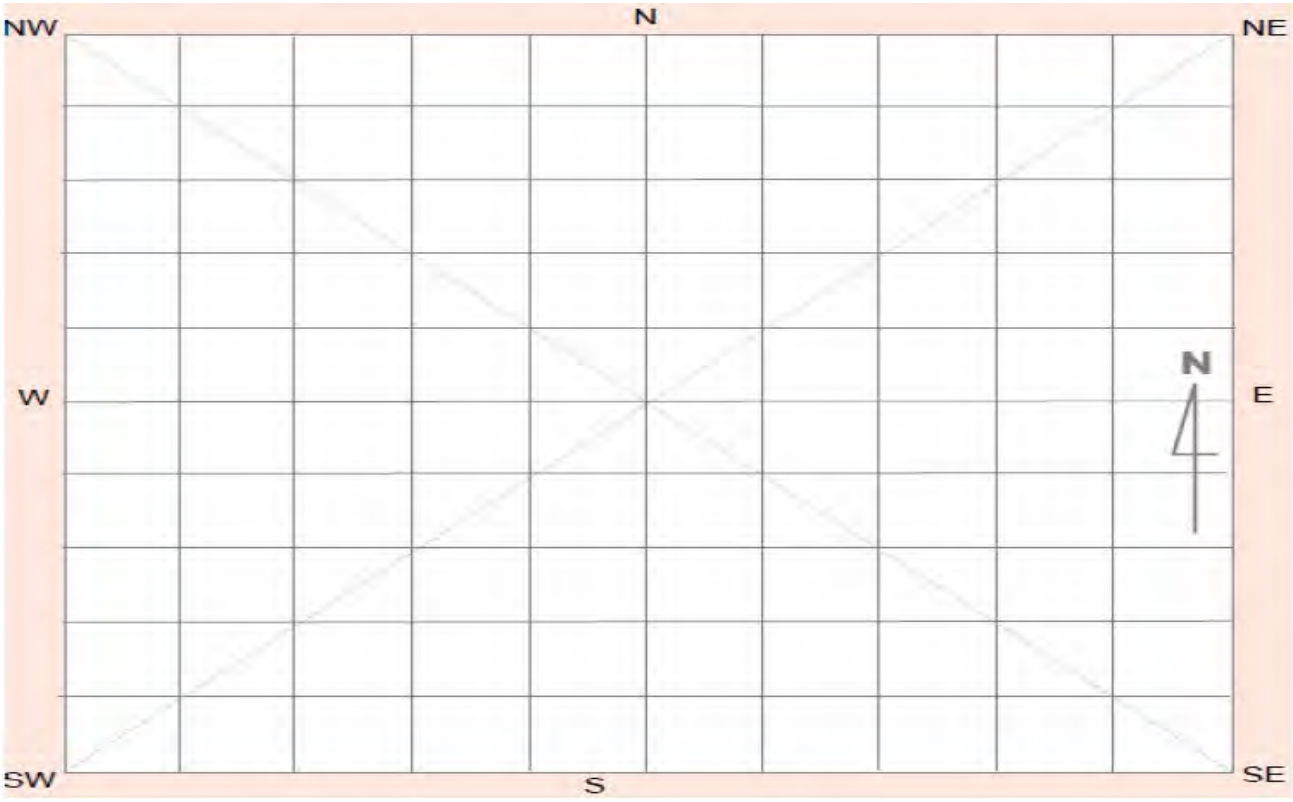
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Poor

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1. Modified Tree	1	65	17	8	10	Oval	

Feature condition: Poor

Description:

Tentative eucalypt culturally modified tree in poor condition and/or dead tree with the scar on situated on the south-eastern face of the tree.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Feature condition:

Other Eucalypt

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

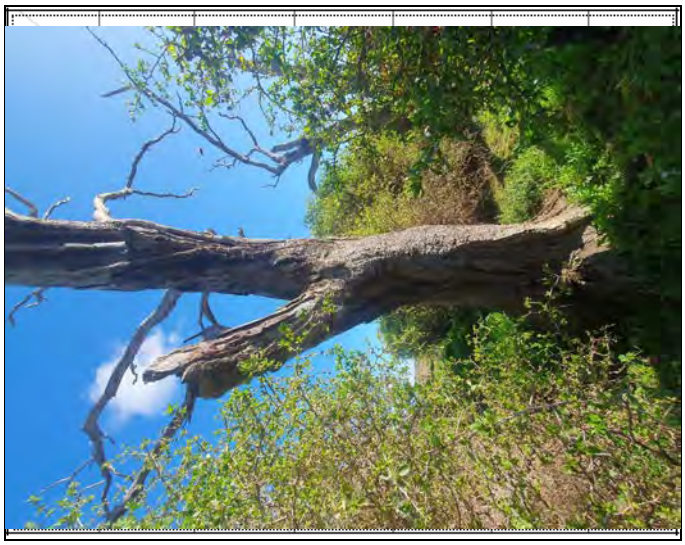
Feature condition:

Description:

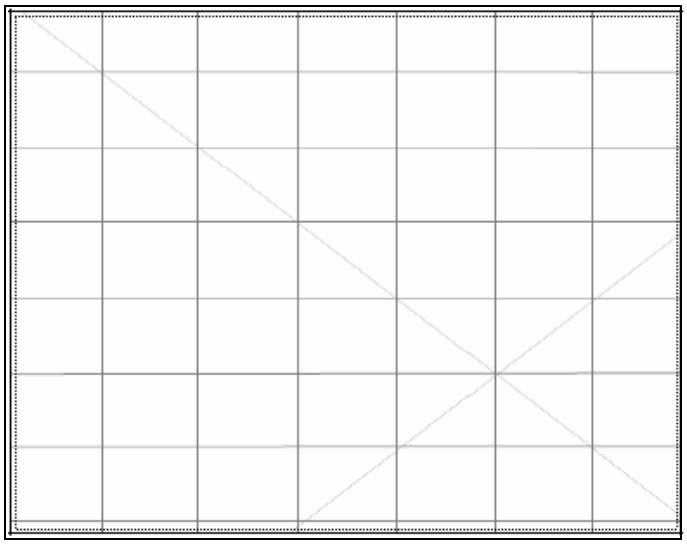
Site photographs



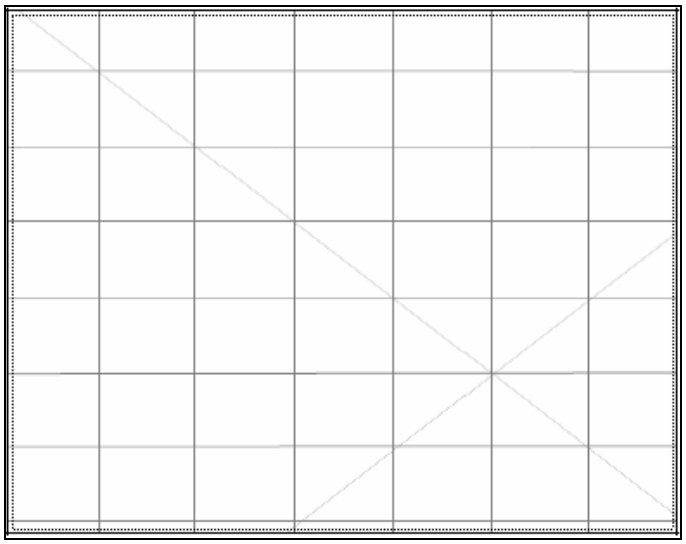
Description: Detailed close up of culturally modified tree.



Description: Location of culturally modified tree and condition of surrounding landscape.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0151 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ST2

Easting: 377526 **Northing:** 6125755 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Isolated clumps of trees

Distance to Water (m): 1900 **Primary Report:** Dinawan Energy Hub Wind ACHA

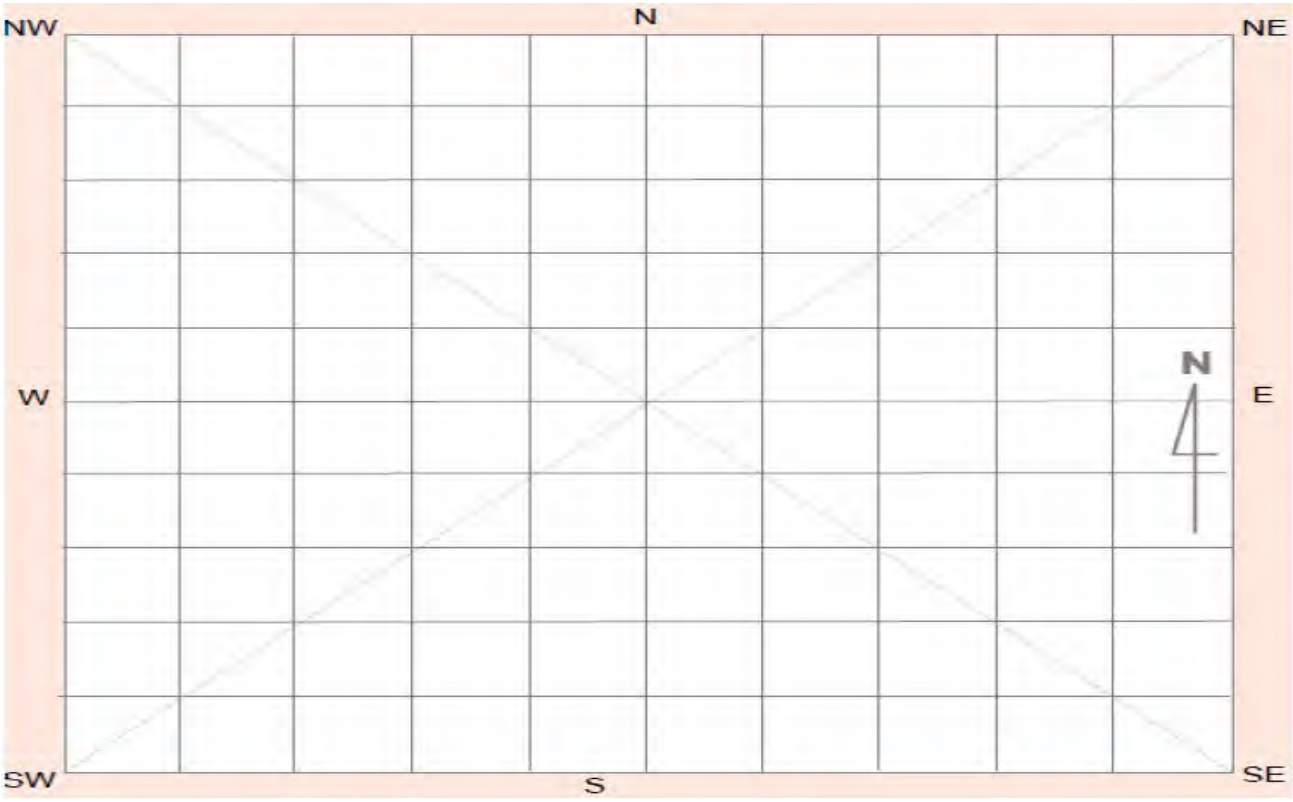
How to get to the site: Access site via Fernbank Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1. Modified Tree	1	170	20	21	15	Oval	

Feature condition: Insect/Termites Damage

Description:

Tentative Grey box eucalypt culturally modified tree in moderate condition with evidence of termite damage. Scar is situated on the south face side of the tree measuring 170cm x 20cm x 21cm. 65cm off ground.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.							

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.								

Feature condition:

Description:

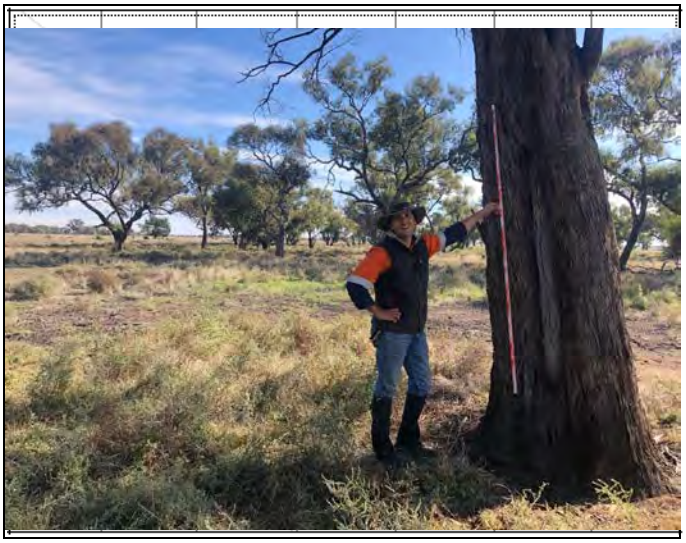
Site photographs



Description: Length of cultural scar.



Description: Detailed close up of culturally modified tree.



Description: Location of culturally modified tree and condition of surrounding landscape.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General: | Location:

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0150 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ST3

Easting: 377555 **Northing:** 6125765 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Open Forest

Distance to Water (m): 1900 **Primary Report:** Dinawan Energy Hub Wind ACHA

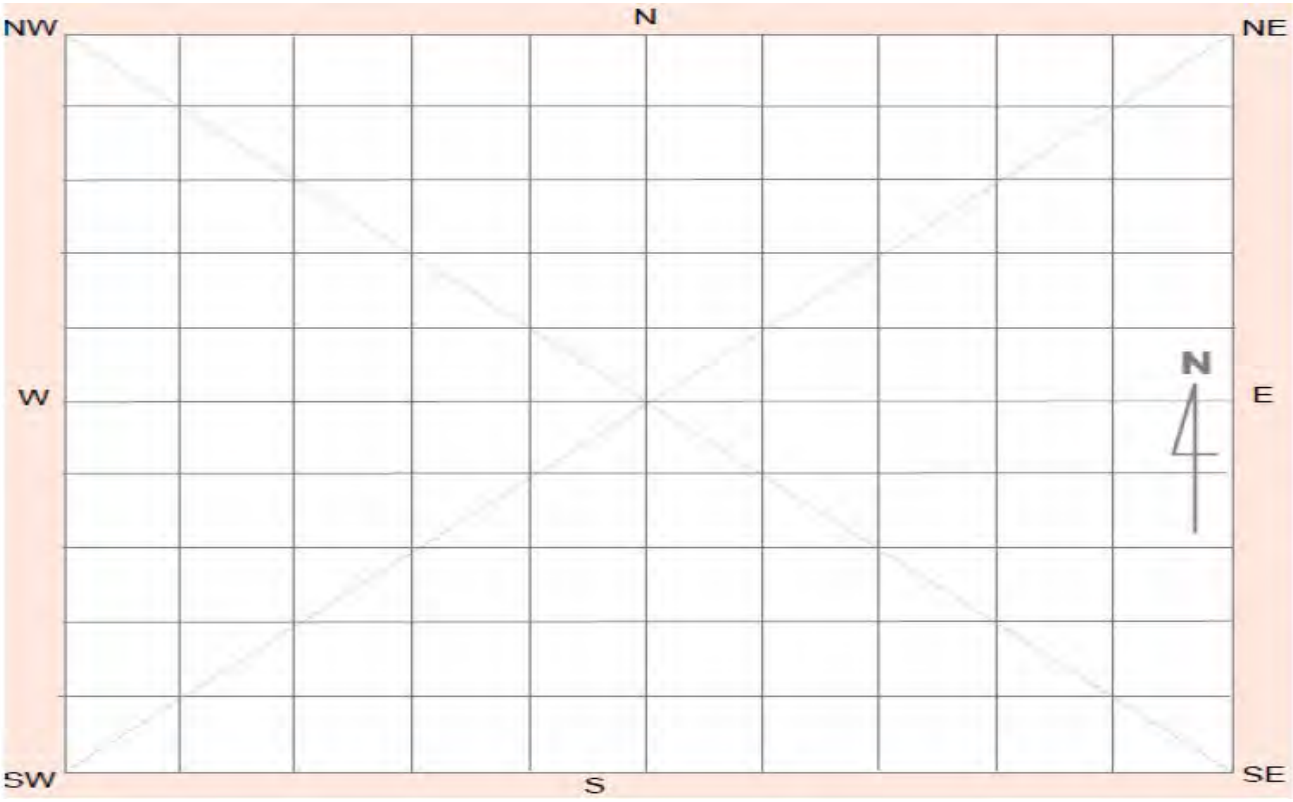
How to get to the site: Access site via Fernbank Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1. Modified Tree	1	220	50	12	10	Elongated	

Feature condition: Insect/Termites Damage

Description:

Grey box eucalypt with potential canoe scar tree on south side and 53cm off the ground. The tree shows evidence of termite damage and scarring on opposite side, otherwise the tree is alive and standing. Potential cut mark on bottom of scar with limb fall on branch above. Metal observed at base of tree as well, possible collar cut.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Box

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

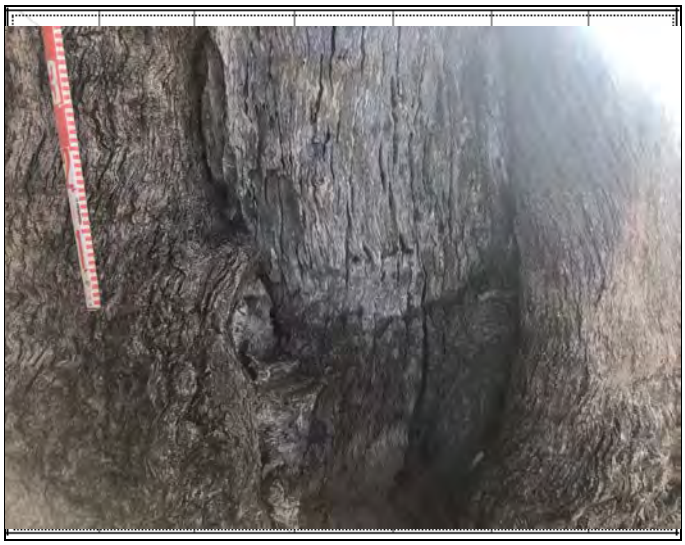
Feature condition:

Description:

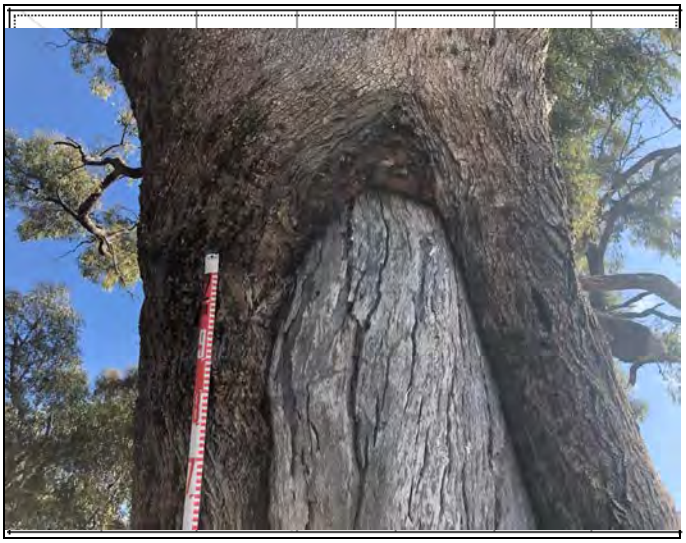
Site photographs



Description: Location of tree and condition of surrounding landscape. Measurement of scar length. View north.



Description: Detailed close up of the scar's bottom, indicating termite damage.



Description: Detailed close up of the scar's top, indicating termite damage.



Description: Location of tree and condition of surrounding landscape. Measurement of scar width. View north-west.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General: | Location:

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0149 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ST4

Easting: 377872 **Northing:** 6126030 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Plain **Vegetation:** Grasslands

Distance to Water (m): 2000 **Primary Report:** Dinawan Energy Hub Wind ACHA

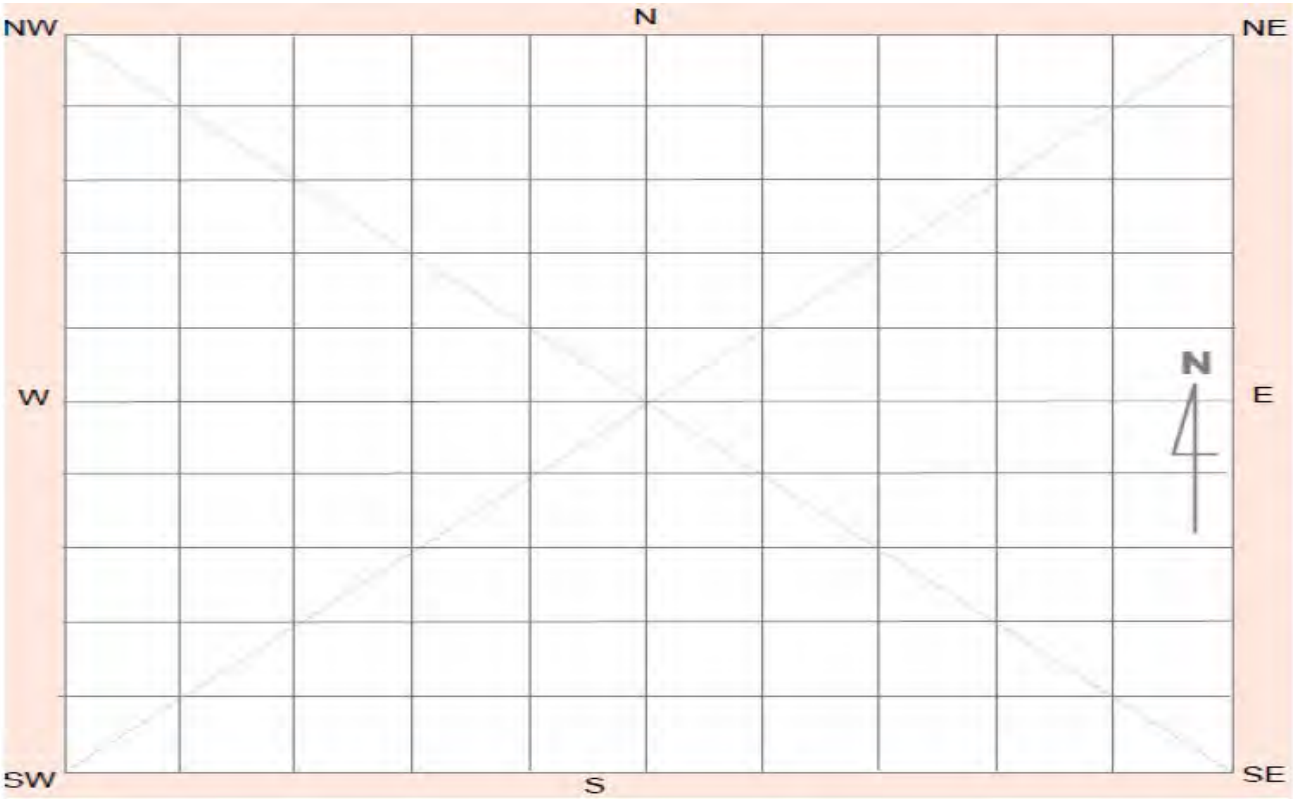
How to get to the site: Access site via Fernbank Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Disturbed

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1. Modified Tree	1	132	10	25	10	Elongated	

Feature condition: Insect/Termites Damage

Description:

Tentative grey box culturally modified tree with evident exit marks from termites, however it is undetermined if the termite damage occurred post scarring. The tree is in moderate condition with the scar approximately 20cm from the ground.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.							

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.								

Feature condition:

Box

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.								

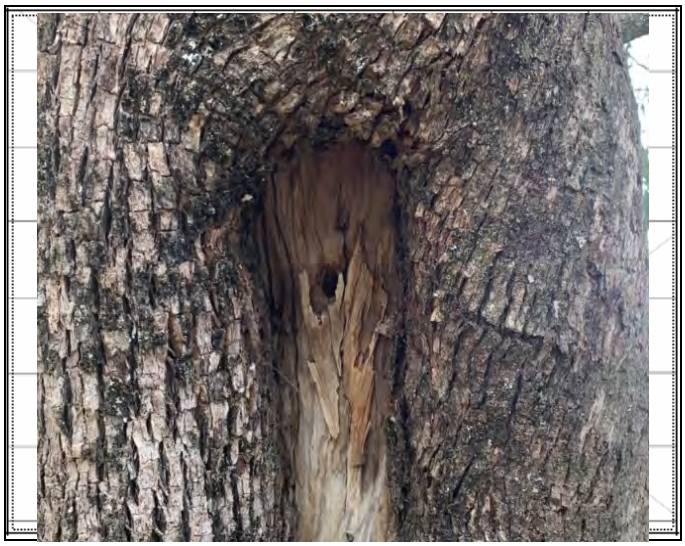
Feature condition:

Description:

Site photographs



Description: Overview of the culturally modified tree and measurement of scar length.



Description: Detailed close up of the top of the scar, revealing termite damage.



Description: Detailed close up of the bottom of the scar, revealing termite damage.



Description: Location of scared tree and condition of surrounding landscape.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General: | Location:

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0148 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ST5

Easting: 371715 **Northing:** 6123102 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Terrace **Vegetation:** Isolated clumps of trees

Distance to Water (m): 1160 **Primary Report:** Dinawan Energy Hub Wind ACHA

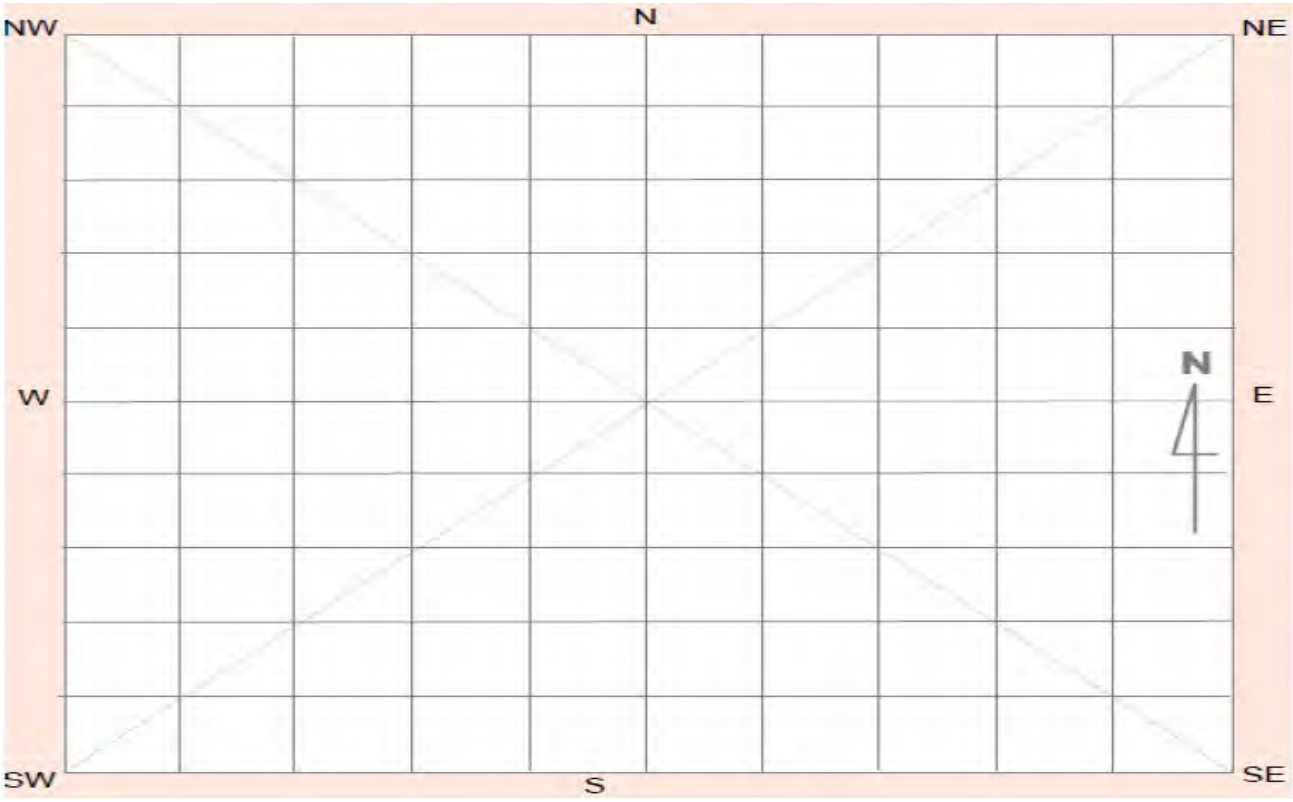
How to get to the site: Access site via Wilsons Road and/or Mclennons Bore Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Good

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1. Modified Tree	1	60	15	25	15	Oval	

Feature condition: Good

Description:

Tentative Grey box culturally modified tree, with the scar west facing. Tree is in good condition however, shows signs of termite damage up branches and a contemporary cut mark inside.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.							

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.								

Feature condition:

Box

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.								

Feature condition:

Description:

Site photographs



Description: Overview of the culturally modified tree.



Description: Detailed close up of the bottom of the scar.



Description: Detailed close up of the top of the scar.



Description: Location of the scarred tree and condition of the surrounding landscape. View south-east.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0147 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ST6

Easting: 371756 **Northing:** 6123143 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Terrace **Vegetation:** Isolated clumps of trees

Distance to Water (m): 1120 **Primary Report:** Dinawan Energy Hub Wind ACHA

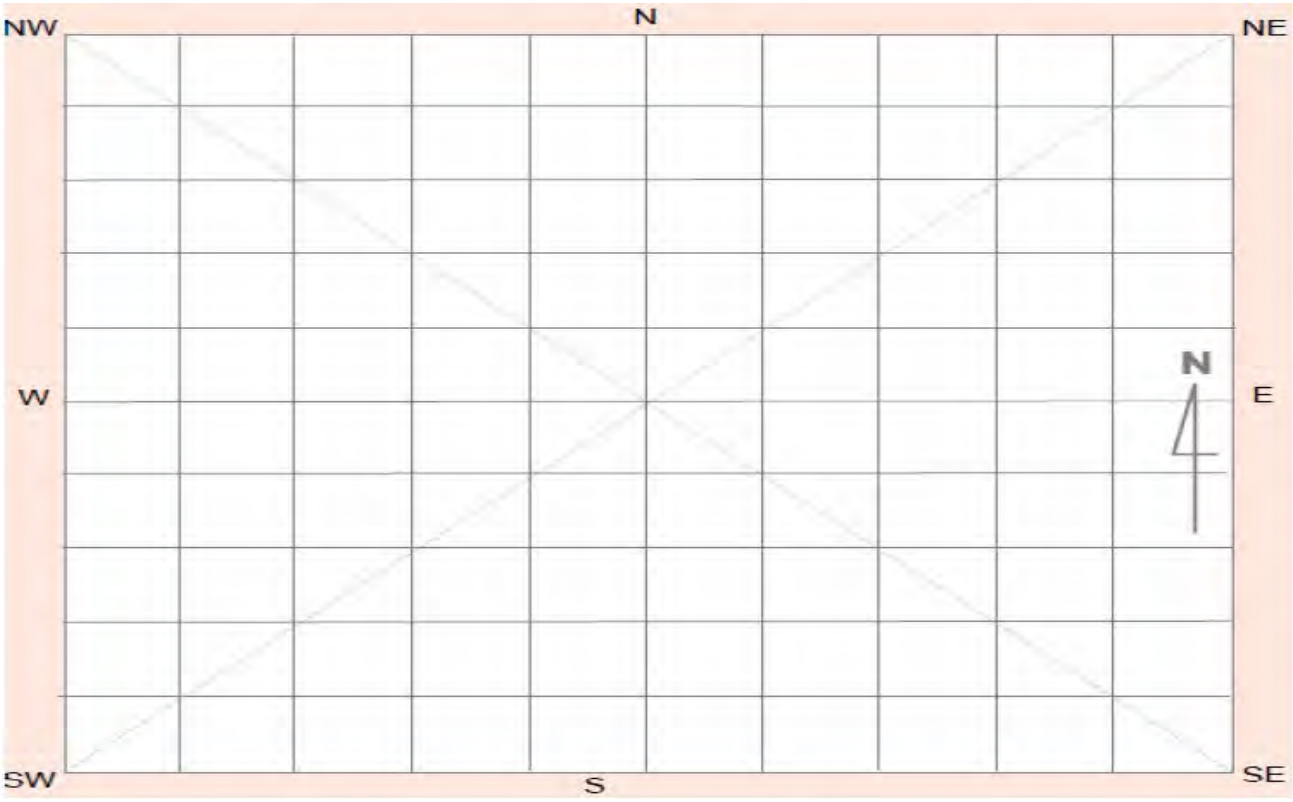
How to get to the site: Access site via Wilsons Road and/or Mclennons Bore Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Good

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Modified Tree	1	100	50	6	7	Oval	

Feature condition: Good

Description:

Tentative culturally modified tree with the scar is south facing.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Other

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

Feature condition:

Description:

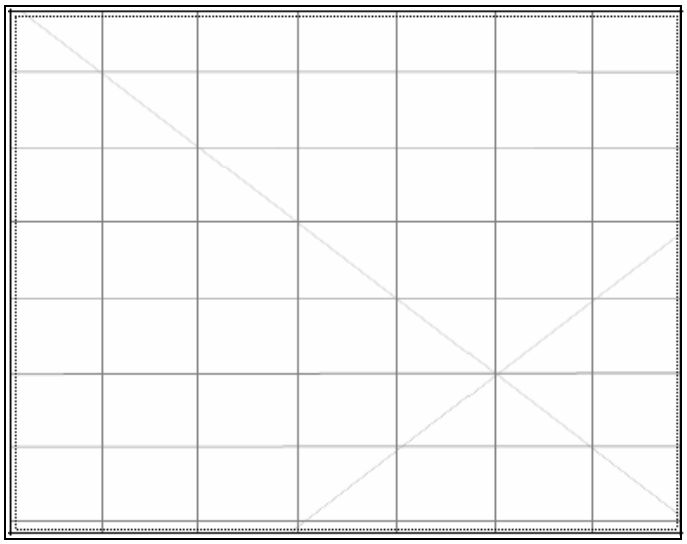
Site photographs



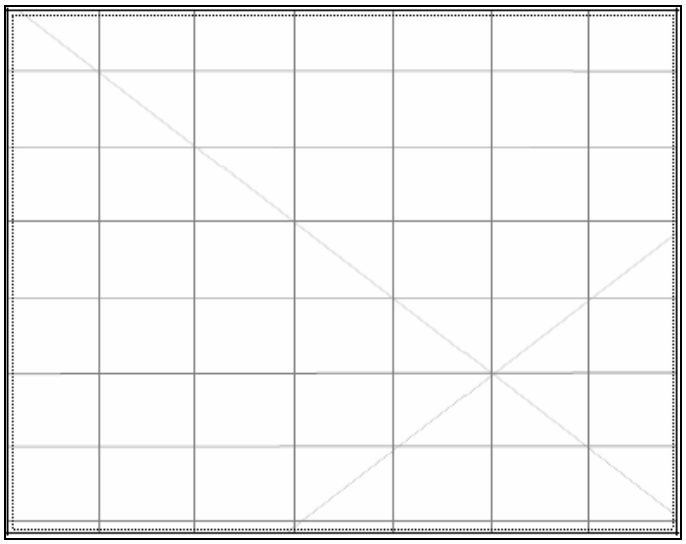
Description: Overview of scar measuring length.



Description: Location of culturally modified tree and condition of surrounding landscape. View north.



Description:



Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0146 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ST7

Easting: 371884 **Northing:** 6123242 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Terrace **Vegetation:** Isolated clumps of trees

Distance to Water (m): 1100 **Primary Report:** Dinawan Energy Hub Wind ACHA

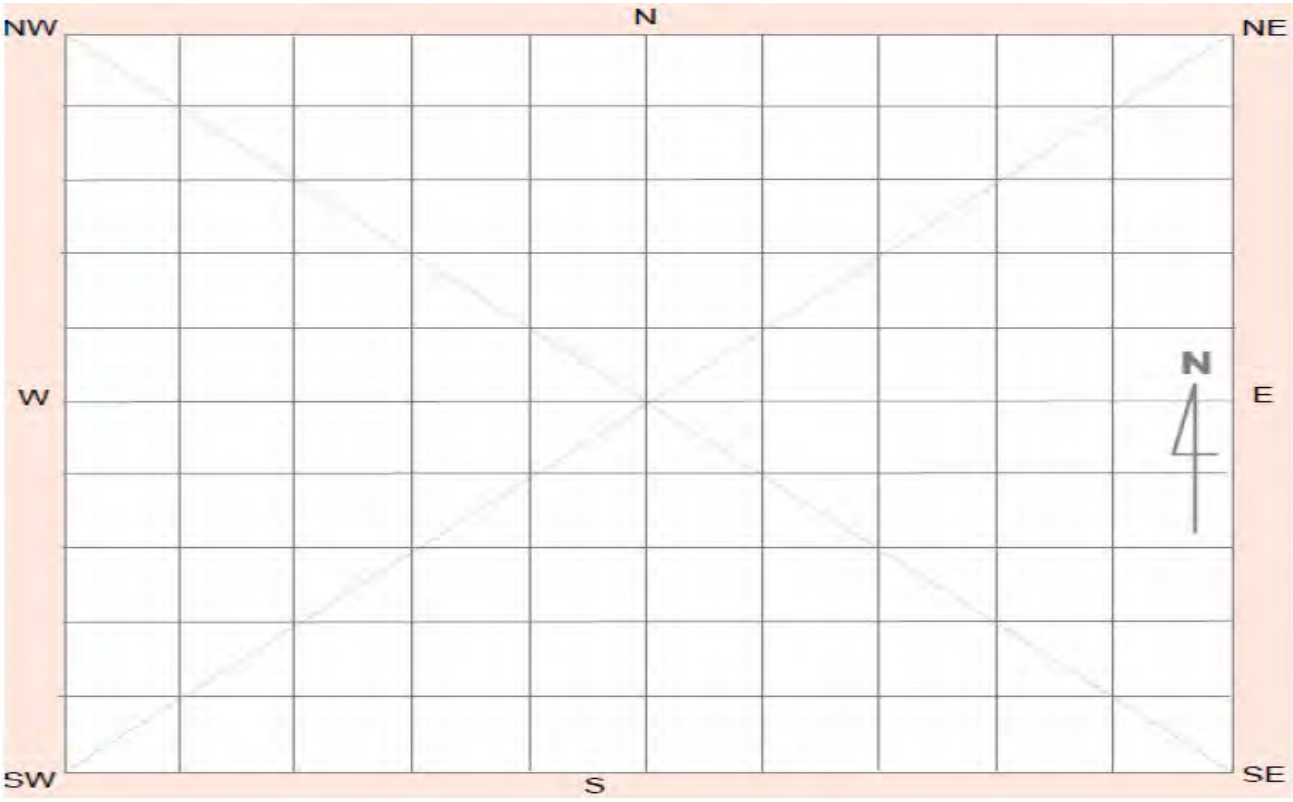
How to get to the site: Access site via Wilsons Road and/or Mclennons Bore Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Good

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Modified Tree	1	250	30	25	20	Elongated	

Feature condition: Insect/Termites Damage

Description:

Tentative Grey box culturally modified tree in moderate condition with the scar is west facing. The tree shows signs of termite damage on the east facing side, and the tree is hollow. It is undetermined whether termite damage happened post scarring or is the cause.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Feature condition:

Box

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

Feature condition:

Description:

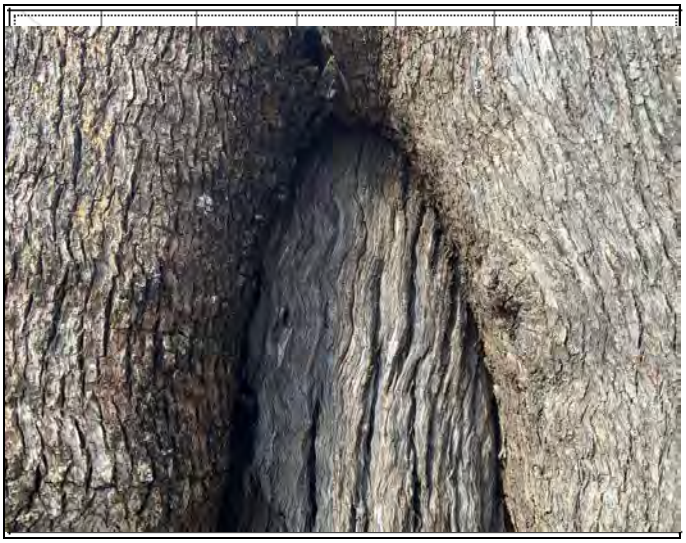
Site photographs



Description: Overview of scar with measurement of length.



Description: Detailed close up of bottom of scar.



Description: Detailed close up of top of scar.



Description: Location of scarred tree and condition of surrounding landscape. View east.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0253 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ST8

Easting: 361874 **Northing:** 6135210 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Terrace **Vegetation:** Isolated clumps of trees

Distance to Water (m): 600 **Primary Report:** Dinawan Energy Hub Wind ACHA

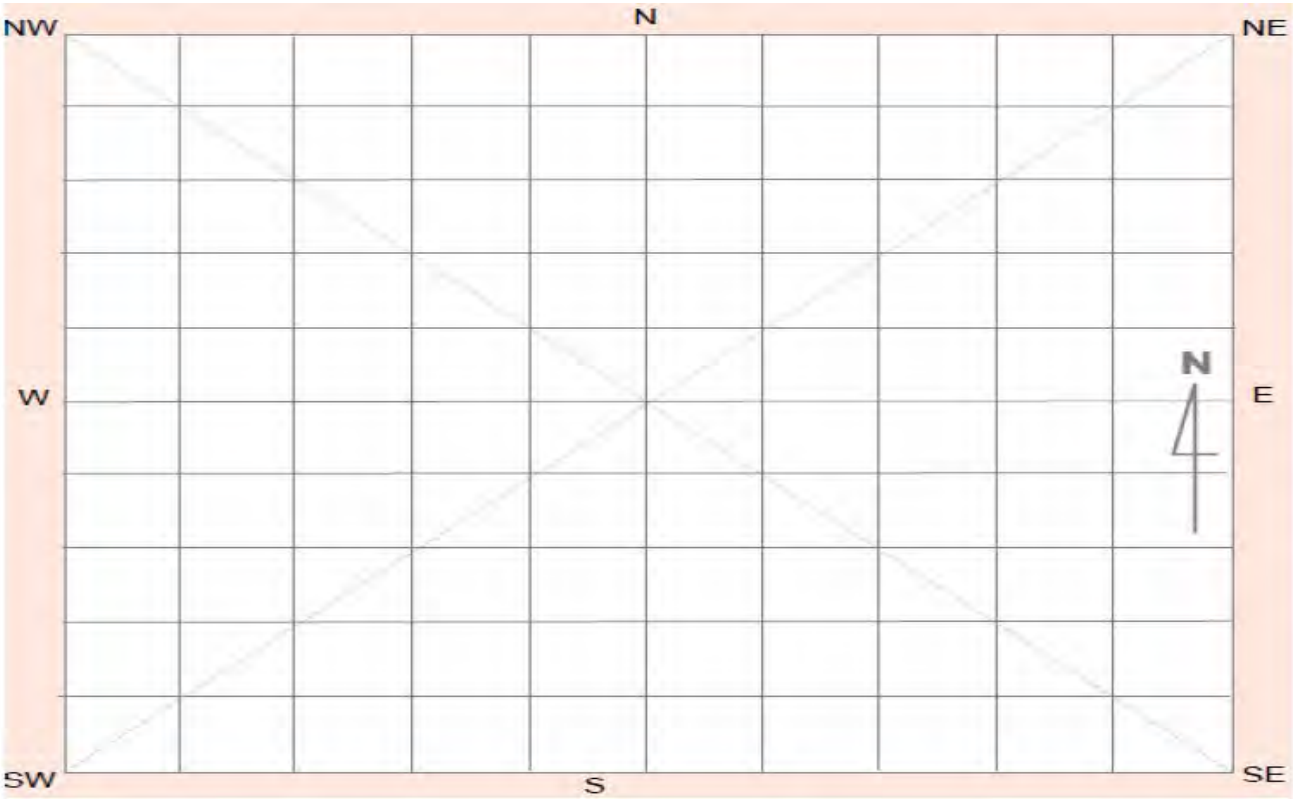
How to get to the site: Access site via Goolgumbla Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Good

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1. Modified Tree	1	195	50	70	8	Rectangular	

Feature condition: Good

Description:

Grey box culturally modified tree in moderate condition with three tentative stone axe marks located at the tree base. The epicormic stem may have prevented regrowth. Scar is north-west facing.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.							

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.								

Feature condition:

Box

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.								

Feature condition:

Description:

Site photographs



Description: Overview of scar with measurement of length.



Description: Detailed close up of top of scar.



Description: Detailed close up of bottom of scar.



Description: Location of scarred tree and condition of surrounding landscape.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0252 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ST9

Easting: 354680 **Northing:** 6129793 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

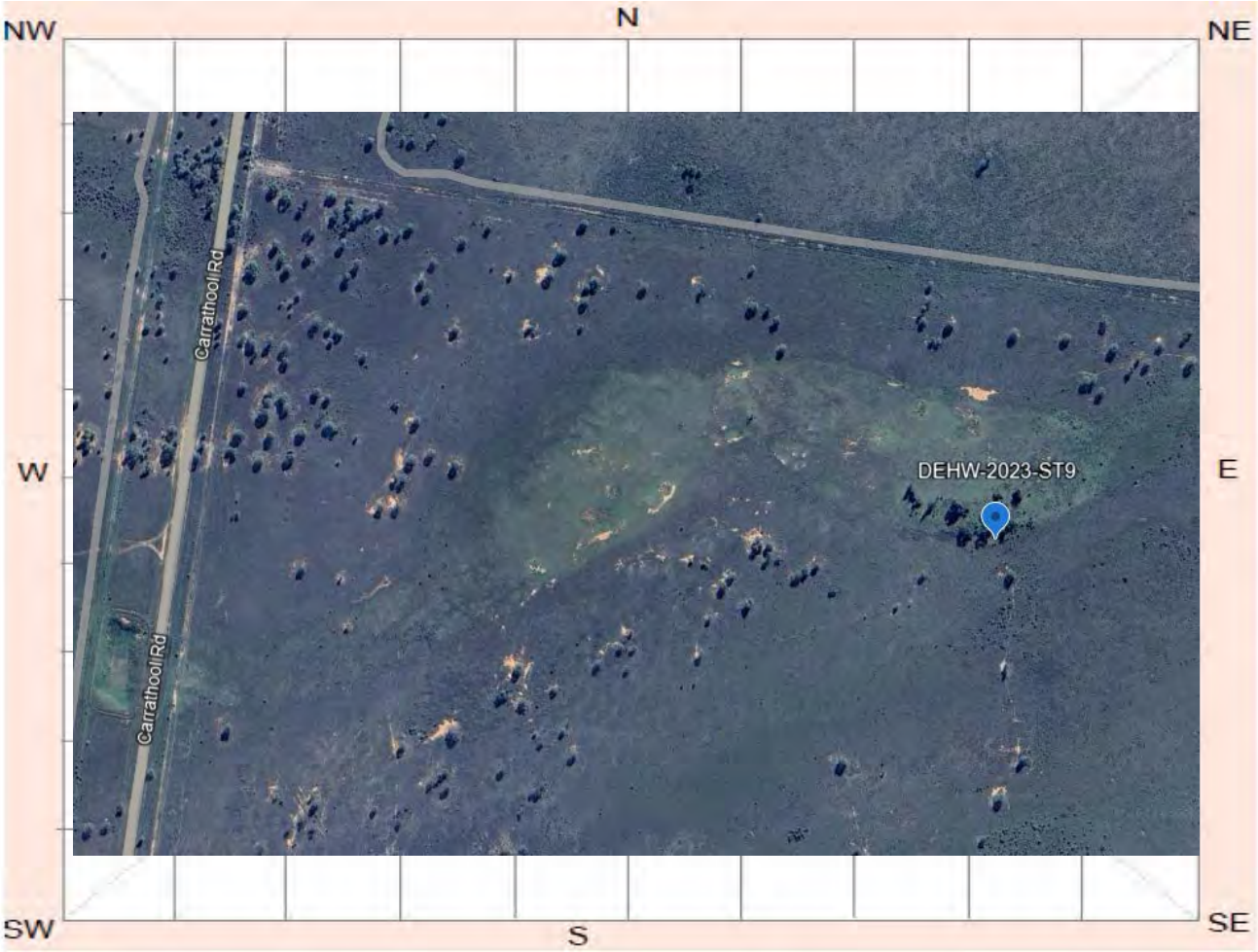
Land Form Unit: Lagoon **Vegetation:** Cleared

Distance to Water (m): 2400 **Primary Report:** Dinawan Energy Hub Wind ACHA

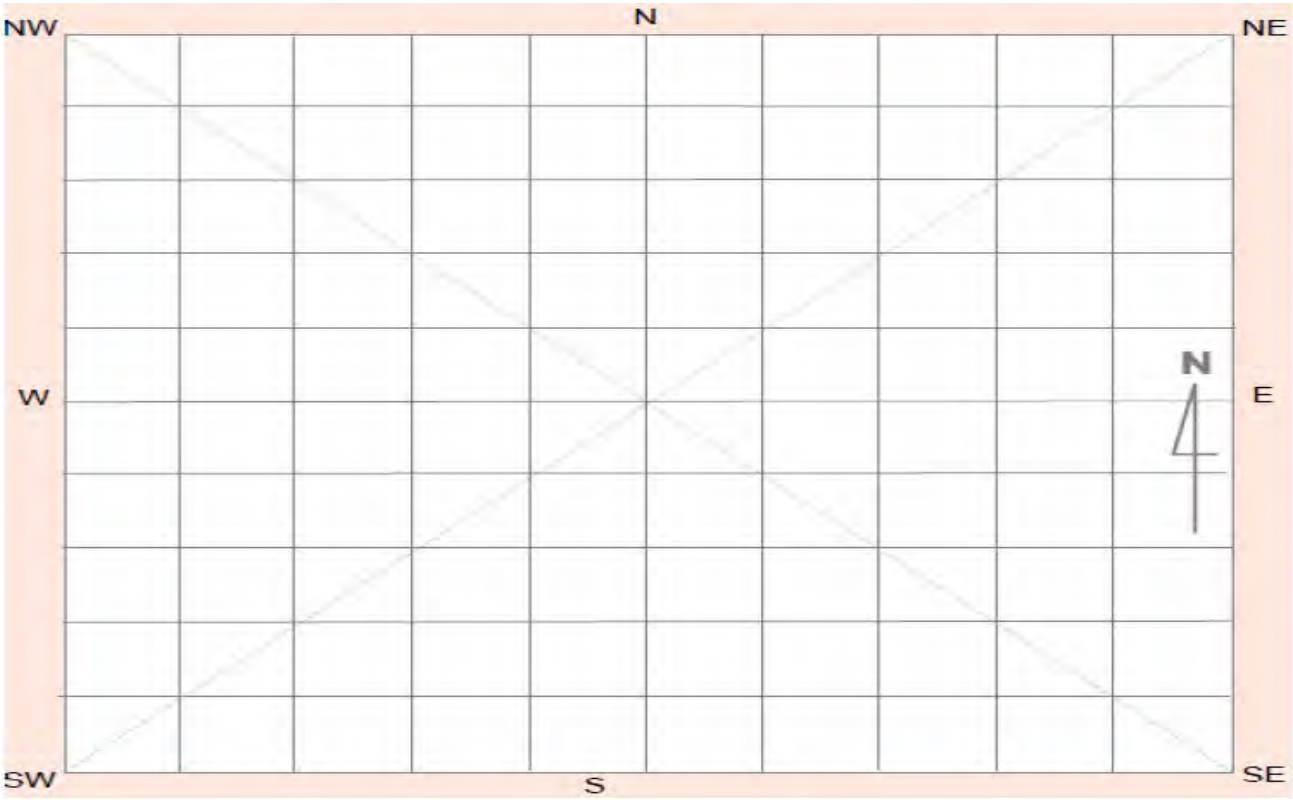
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Good

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Modified Tree	2	60	19	7	10	Oval	

Feature condition: Good

Description:

Potential Grey box culturally modified tree with an oval shaped scar on the south facing side. The eucalypt is still alive with a branch tear evident on branch above with a potential secondary scar above, east facing.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Feature condition:

Box

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

Feature condition:

Description:

Site photographs



Description: Overview of scar with measurement of length.



Description: Detailed close up of top of scar.



Description: Location of scarred tree and condition of surrounding landscape. View south.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0251 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ST10

Easting: 358416 **Northing:** 6136966 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

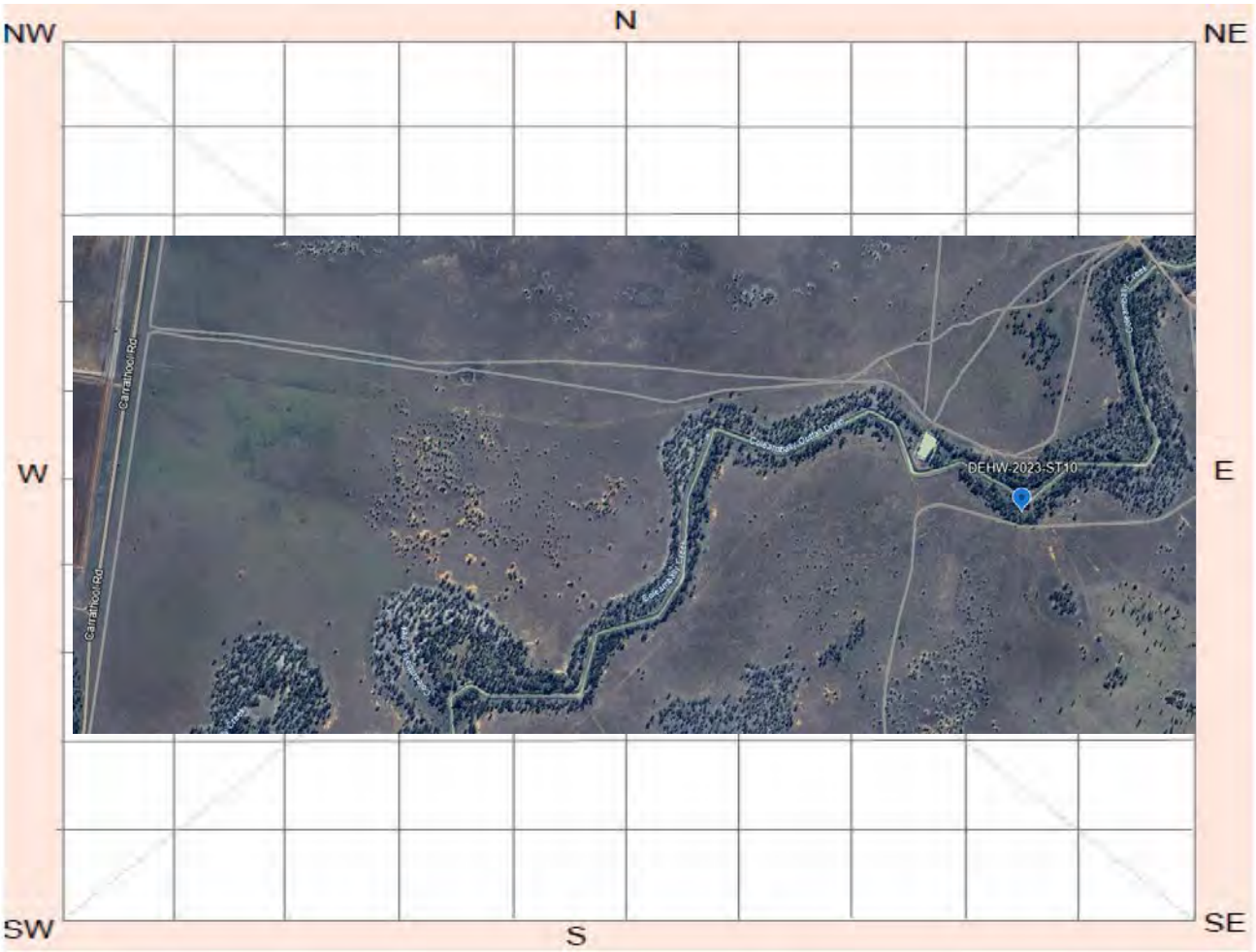
Land Form Unit: Terrace **Vegetation:** Isolated clumps of trees

Distance to Water (m): 50 **Primary Report:** Dinawan Energy Hub Wind ACHA

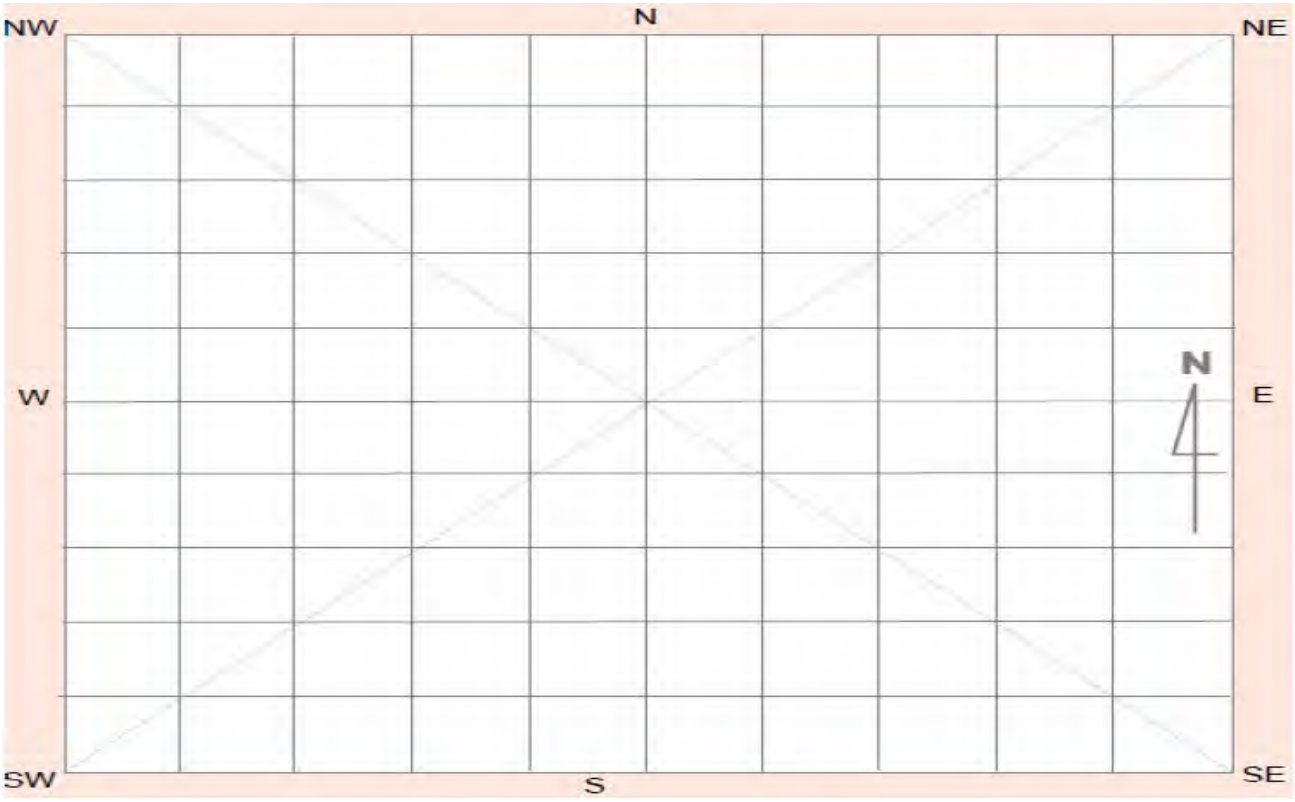
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Poor

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1. Modified Tree	1	90	23	7	8	Oval	

Feature condition: Poor

Description:

Tentative eucalypt culturally modified tree in poor condition, with signs of potential lightning strike damage with a higher branch dead with signs of internal fire also evident. Scar is 2cm from ground level.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.							

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.								

Feature condition:

Other

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.								

Feature condition:

Description:

Site photographs



Description: Overview of scar with measurement of length.



Description: Detailed close up of scar.



Description: Location of scarred tree and condition of surrounding landscape. View east.

Description:

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0145 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ST11

Easting: 371990 **Northing:** 6123074 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

Land Form Unit: Terrace **Vegetation:** Isolated clumps of trees

Distance to Water (m): 1200 **Primary Report:** Dinawan Energy Hub Wind ACHA

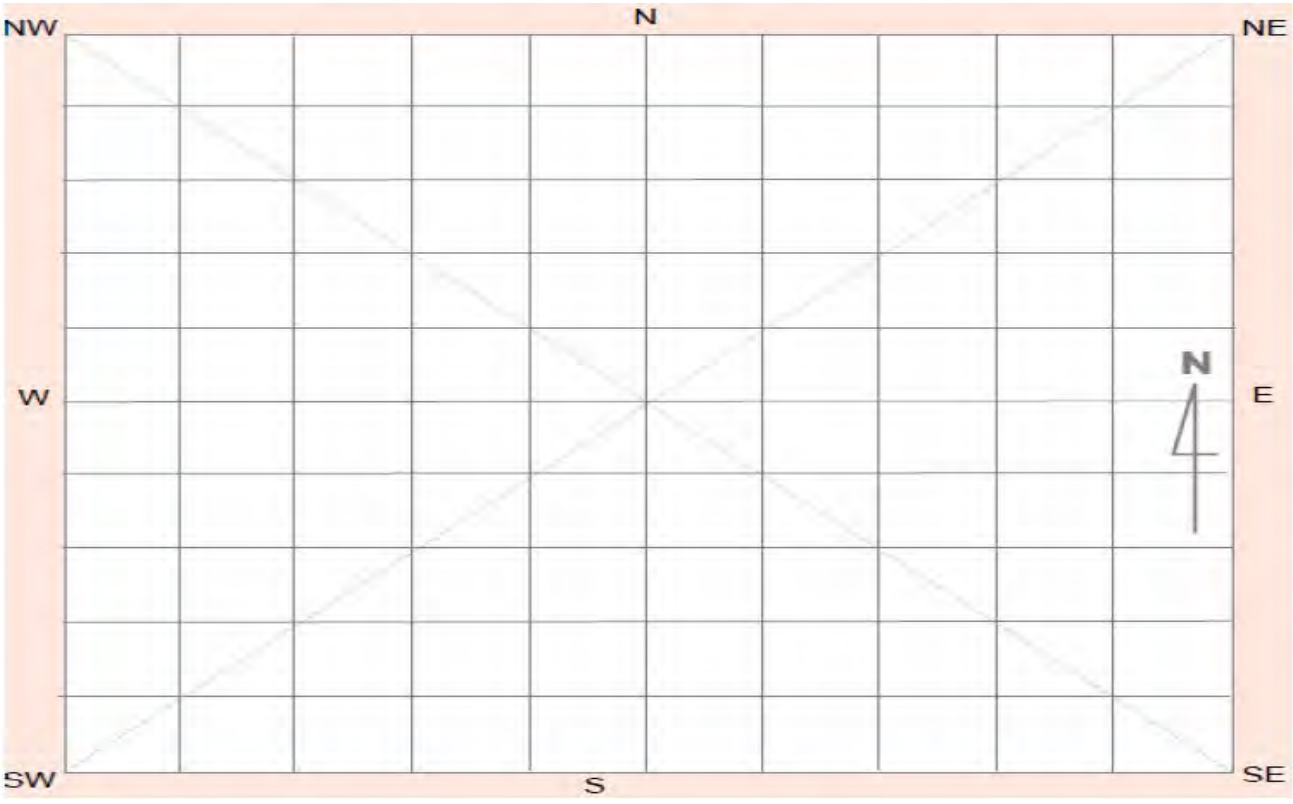
How to get to the site: Access site via Wilson Road and/or Mclennons Bore Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Good

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Modified Tree	3	120	40	5	15	Elongated	

Feature condition: Good

Description:

Site comprises three tentative culturally modified eucalyptus trees all in good condition. A: Scar on western side of tree measuring 70 x 60 x 5cm, approx. 60cm from base, and B: Scar on eastern side of tree measuring 120 x 40 x 5cm, approx. 40cm from base, and C: Cooloman scar on southern side of tree measuring 95 x 40cm wide, approx. 75cm from the ground.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.								

Feature condition:

Other Eucalypt

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.								

Feature condition:

Description:

Site photographs



Description: Detailed close up of scar tree B, with measurement of length.



Description: Location of scarred tree B and condition of surrounding landscape. View north-east.



Description: Detailed close up of scar tree A, with measurement of length.



Description: Location of scarred tree A and condition of surrounding landscape. View north-east.

Site restrictions

Do you want to Restrict this site?:

Restriction type:

Gender	General	Location
N/A		

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0144 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-ST12

Easting: 374545 **Northing:** 6122432 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

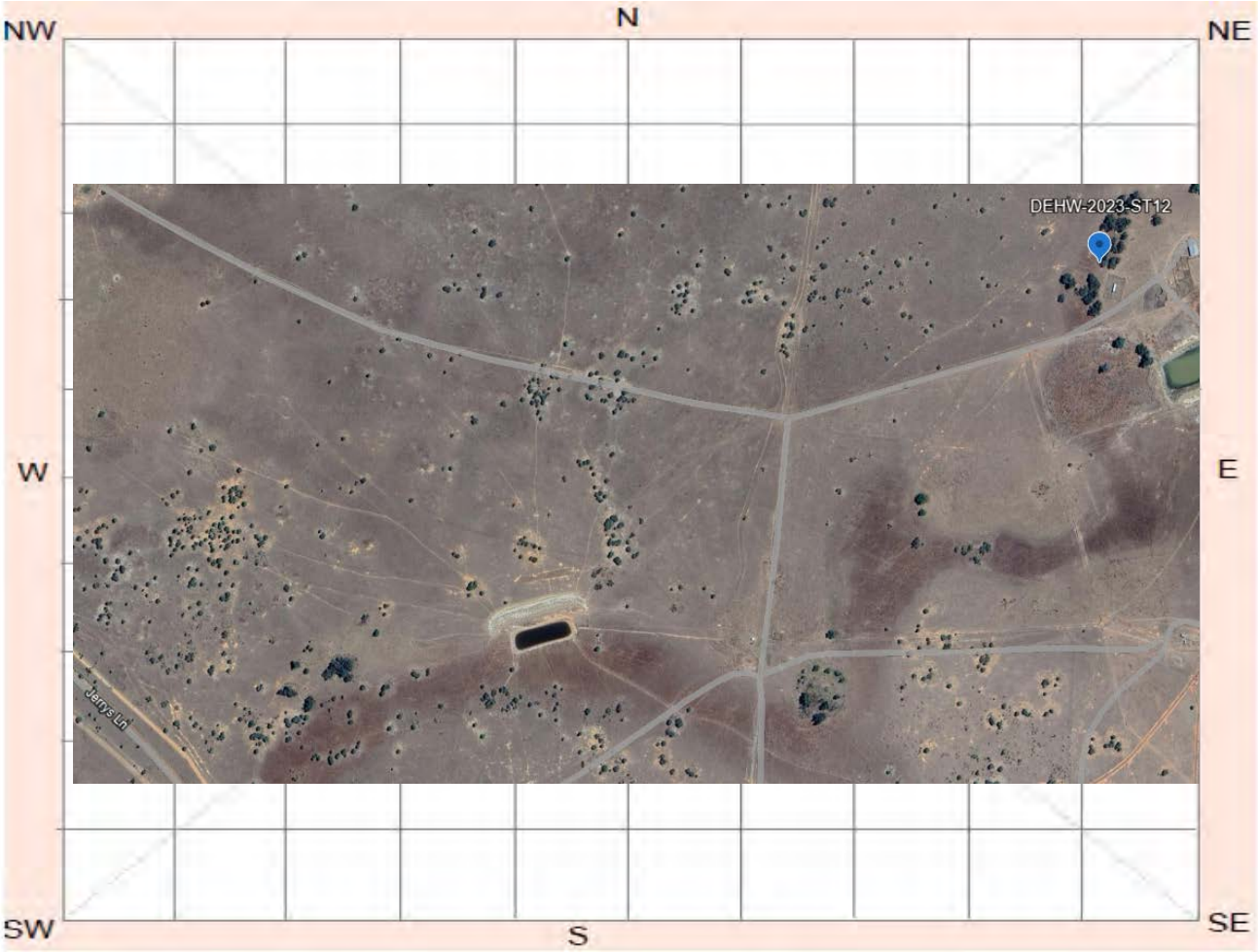
Land Form Unit: Plain **Vegetation:** Isolated clumps of trees

Distance to Water (m): 160 **Primary Report:** Dinawan Energy Hub Wind ACHA

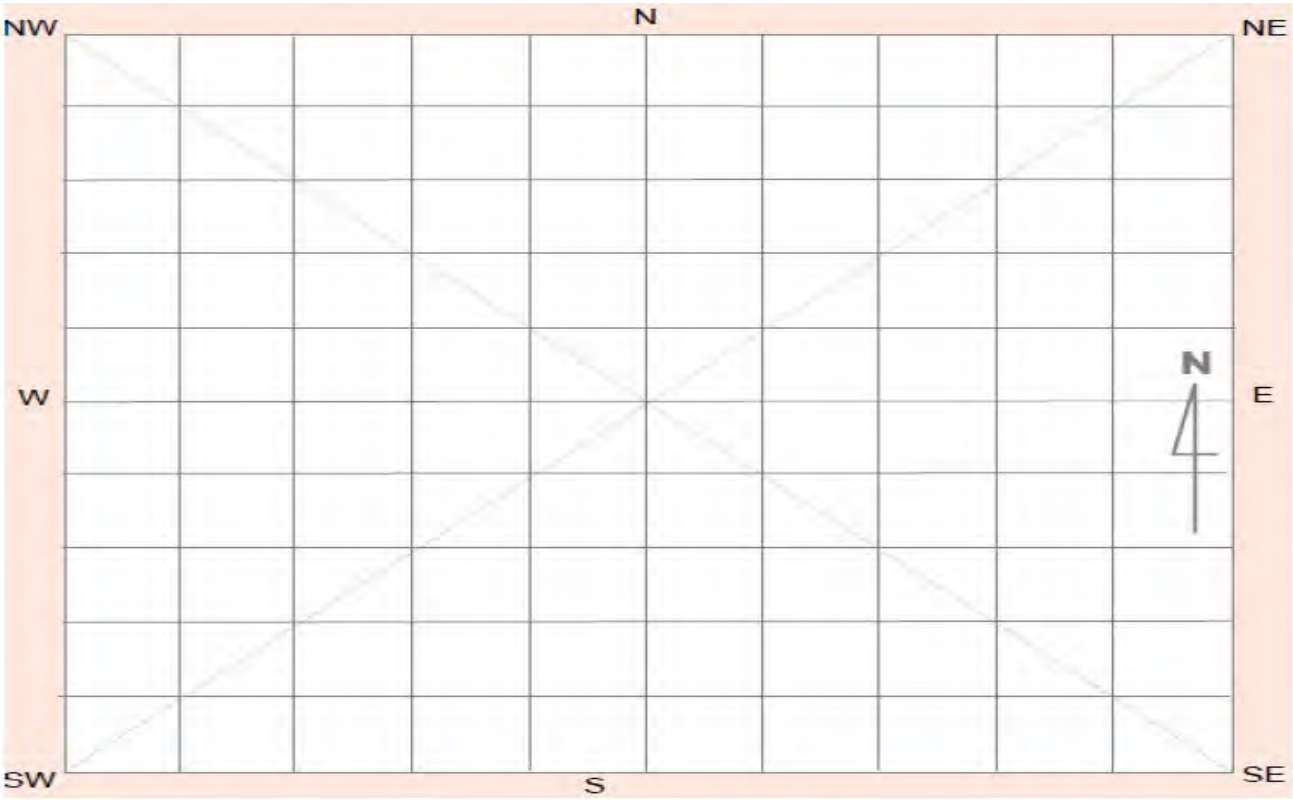
How to get to the site: Access site via Jerry's Lane.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Good

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1. Modified Tree	0	80	35	0	0	Elongated	

Feature condition: Good

Description:

Eucalypt ring tree in good condition located in proximity to cattle yards on grass plain with the scar measuring approx. 0.9m from ground level, with the ring measuring 0.8 x 0.35m.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Feature condition:

Other Eucalypt

Description:

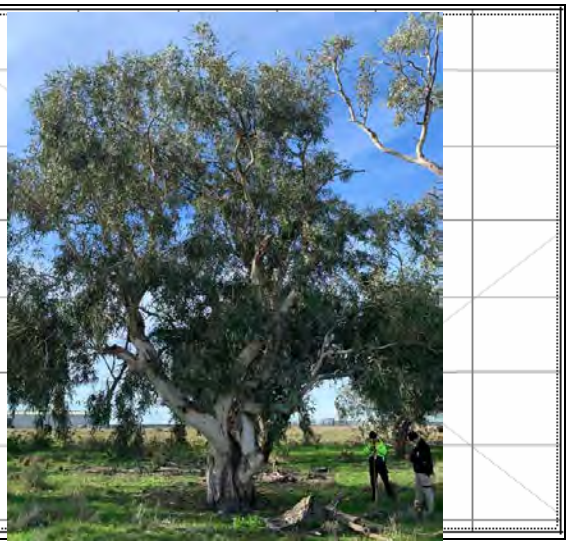
Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

Feature condition:

Description:

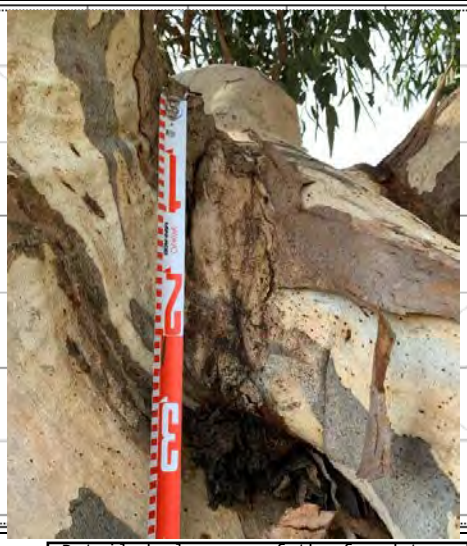
Site photographs



Description: Location of ring tree and condition of surrounding landscape.



Description: Alternative view of ring tree with 2m measuring tape.



Description: Detailed close up of the fused tree branches with measuring tape.



Description: Overview of the ring tree with 2m measuring tape.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General | Location

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 55-1-0143 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-STAS1

Easting: 379663 **Northing:** 6119890 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

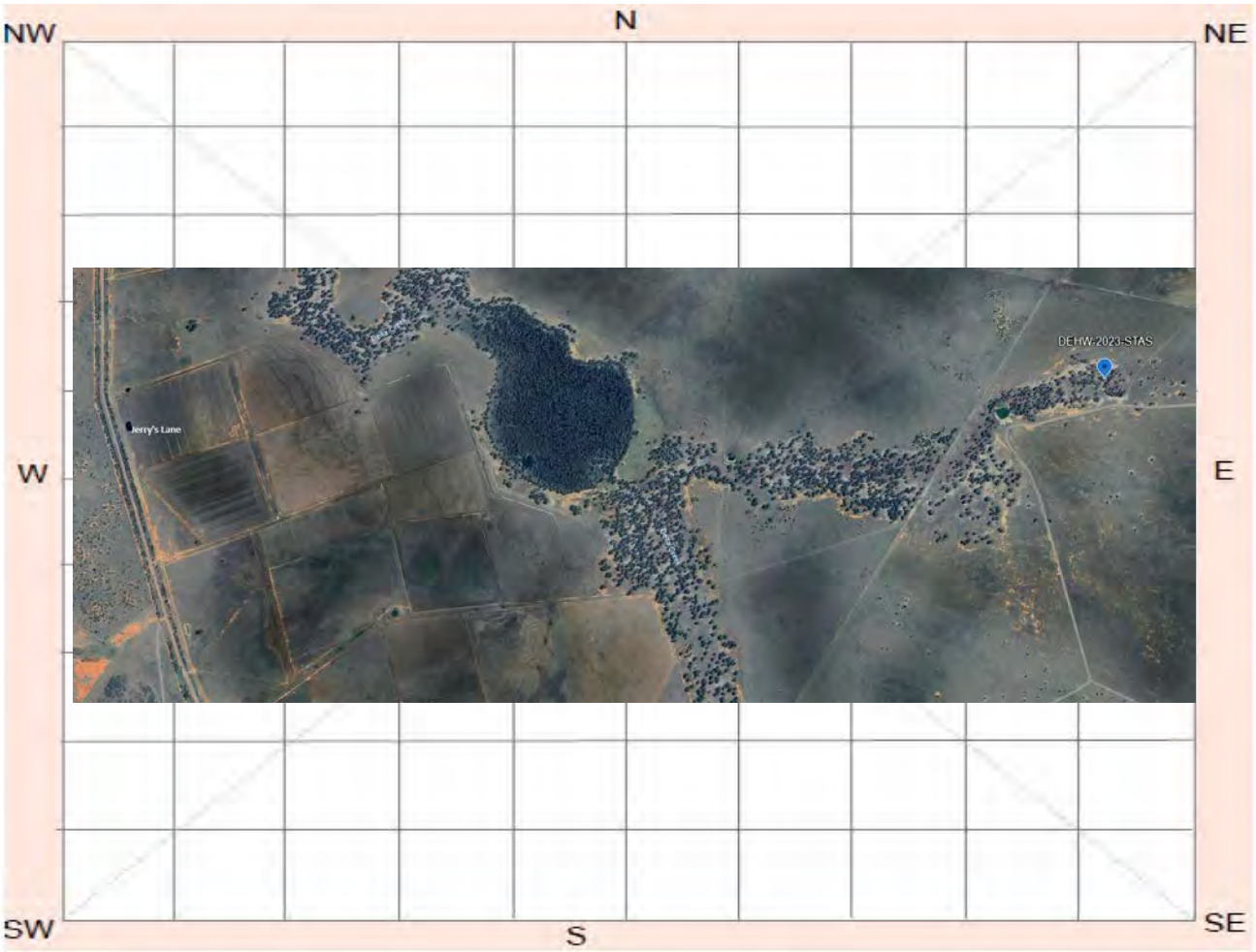
Land Form Unit: Plain **Vegetation:** Isolated clumps of trees

Distance to Water (m): 10 **Primary Report:** Dinawan Energy Hub Wind ACHA

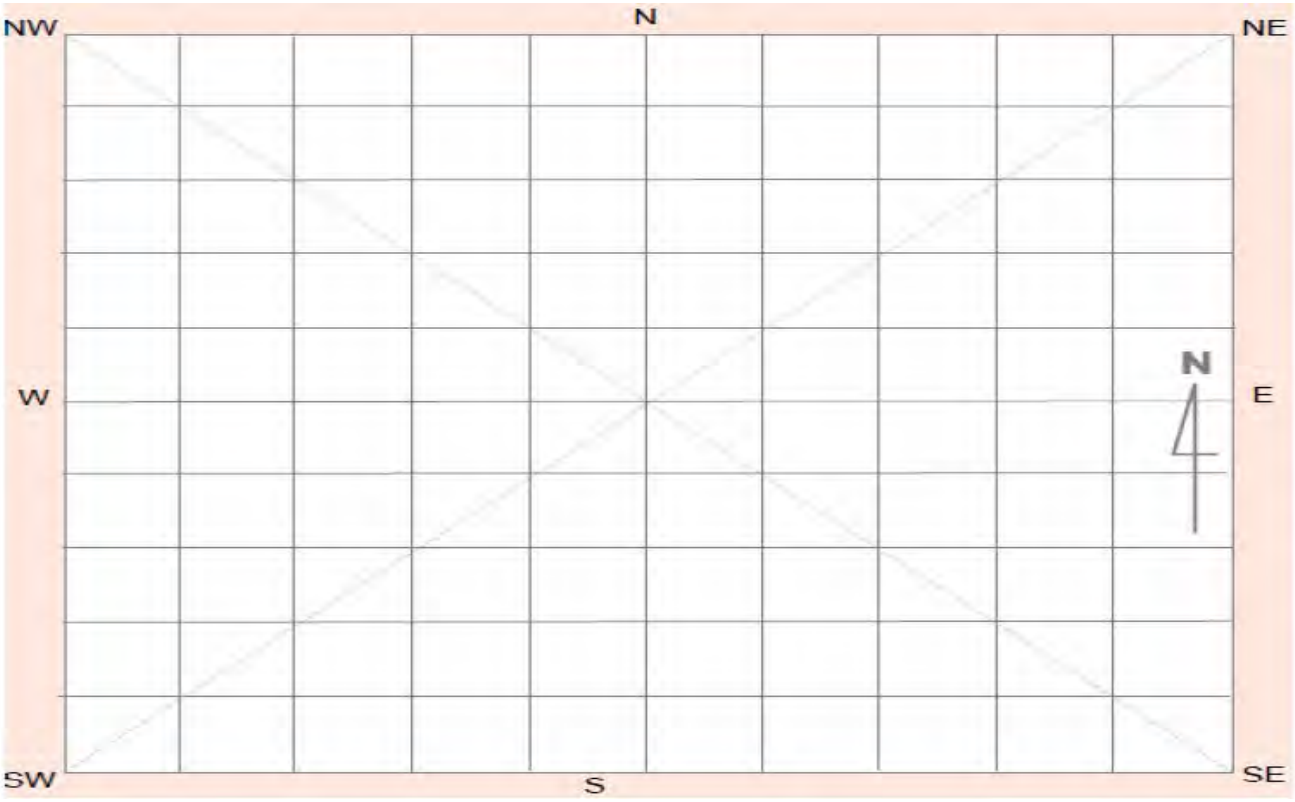
How to get to the site: Access site via Jerry's Lane.

Other site information: Area has been largely modified with grating scars identified in the vicinity of the area alongside vegetation dumps present. Culturally modified tree C is believed to be a Coolamon scar.

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Good

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1.	Artefact	3	400	330				

Feature condition: Good

Description:

Artefact scatter comprising a singular silcrete flake, a singular quartz flake and a tentative manuport associated with seven culturally modified trees in close proximity.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2.	Modified Tree	1	100	25	15	10	Elongated	

Feature condition: Good

Description:

7 culturally modified grey/black box eucalypt trees with some showing axe marks. A: 90x30cm, 60cm high, B: 75x45x15cm,150cm high and cir. 2.5m, C: 57x30x10cm, D: 80x25 cm, 40cm high with 10cm regrowth and cir. 2.7m , E: 60x20cm, 50cm high with 10cm regrowth and circ. 2.7m , F: measuring 90x40cm, 80cm high with 10cm regrowth, circ. 3.7m G: 100x25cm, 80cm high with 20cm regrowth and cir. 2.6m.

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.								

Feature condition:

Description:

Features:

		Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.								

Feature condition:

Box

Description:

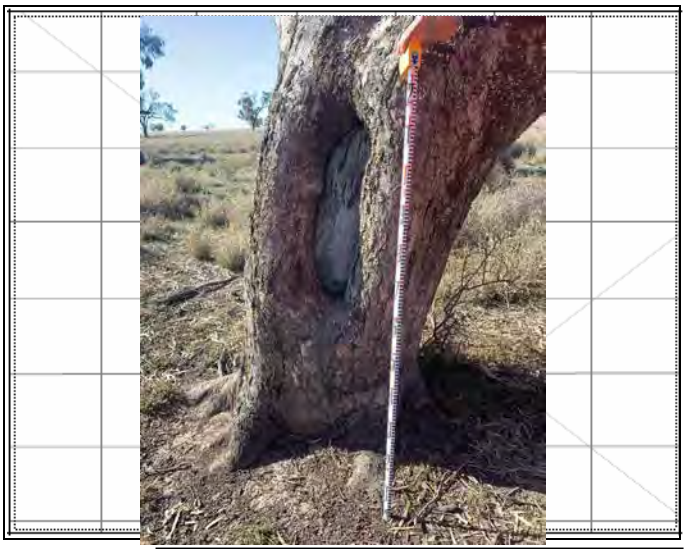
Site photographs



Description: Location of scarred tree F and condition of surrounding landscape. View east.



Description: Overview of scarred tree D with measuring tape.



Description: Overview of scarred tree E with measuring tape.



Description: Overview of scarred tree C with measuring tape.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender: N/A | General: | Location:

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

Discussion with Aboriginal stakeholders interpreted this site to be a potential women's site.

Aboriginal Site Recording Form

Manager, Information Systems
Locked Bag 5020, Parramatta 2124 NSW

AHIMS site ID: 48-6-0250 **Date recorded:** 11-01-2024

Site Location Information

Site name: DEHW-2023-STAS2

Easting: 357945 **Northing:** 6128422 **Coordinates must be in GDA94 (MGA)**

Horizontal Accuracy (m): 5

Zone: 55 Non-Differential GPS

Recorder Information

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

Title	Surname	First name
Ms.	OBrienPounde	Phillipa

Organisation: EMM Consulting

Address: 20 Chandos St, St Leonards, NSW, 2065

Phone: 0294939500 **E-mail:** pobrienpounde@emmconsulting.com.au

Site Context Information

Land Form Pattern: Plain **Land Use:** Pastoral/Grazing

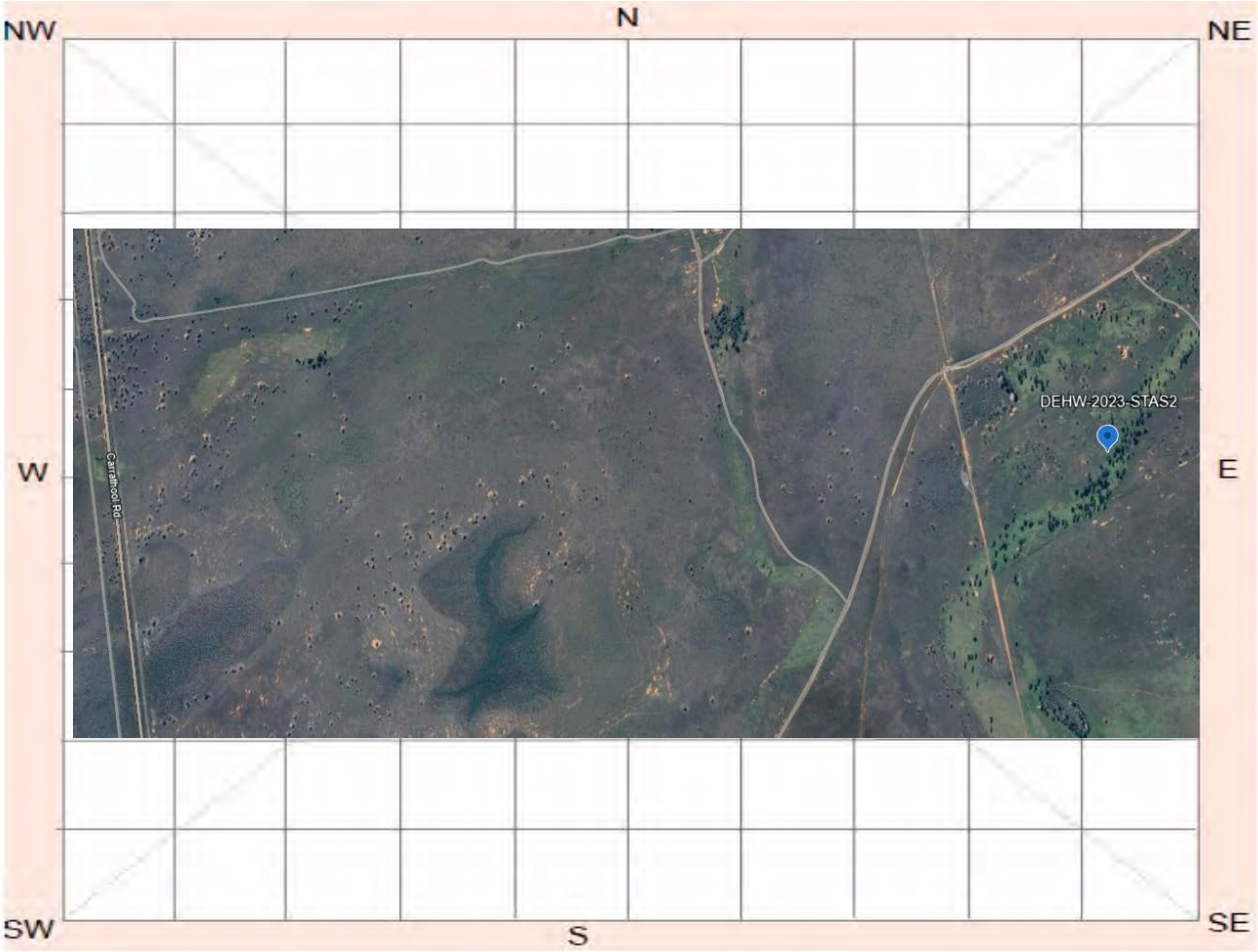
Land Form Unit: Stream Channel **Vegetation:** Isolated clumps of trees

Distance to Water (m): 700 **Primary Report:** Dinawan Energy Hub Wind ACHA

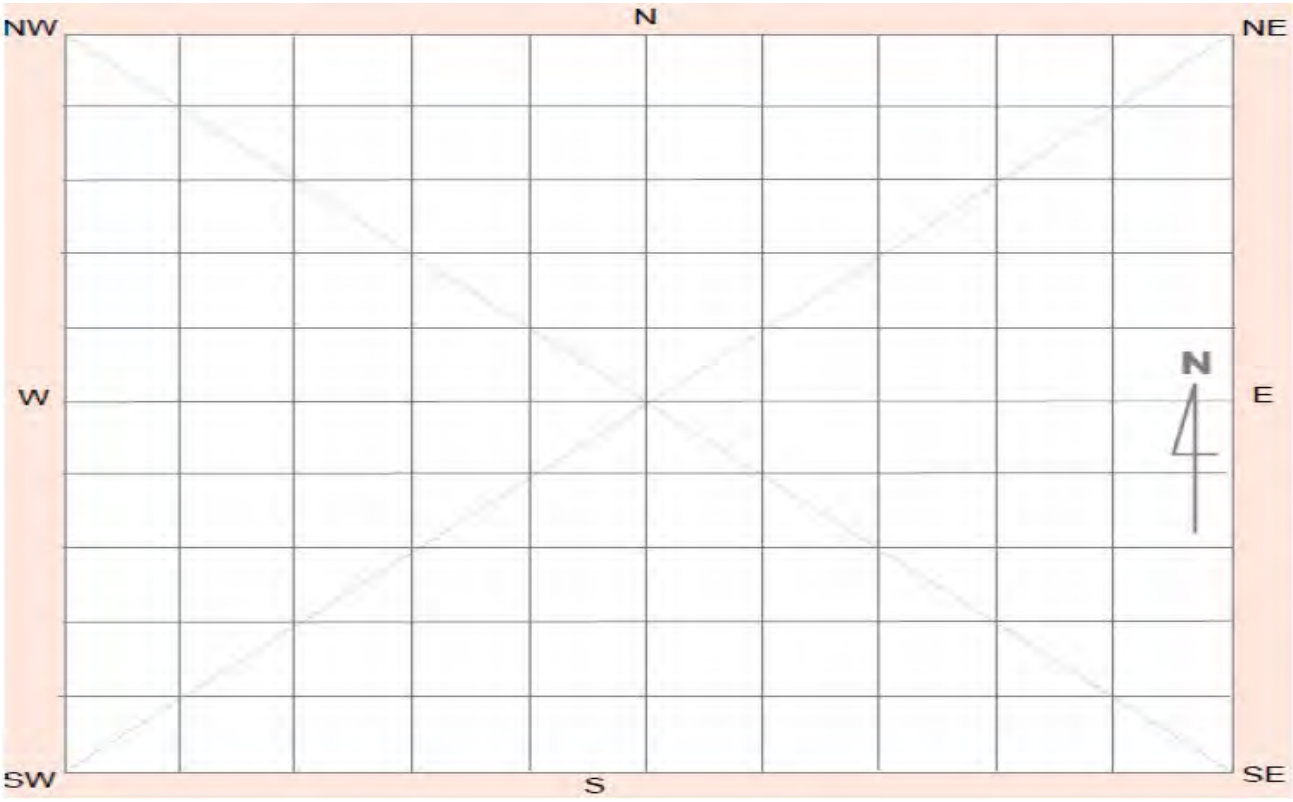
How to get to the site: Access site via Carrathool Road.

Other site information: -

Site location map



Site plan



Site contents information

open/closed site: Open **Site condition:** Good

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
1. Artefact	2	440	50				

Feature condition: Good

Description:

Artefact scatter comprising a singular silcrete and quartz flakes associated with Ghost gum ring tree in close proximity.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
2. Modified Tree	0	0	0	0	0	Other	

Feature condition: Good

Description:

Ghost gum ring tree identified on creek line. Through discussion with Aboriginal stakeholders, the tree was interpreted to be a 'Journey tree', murru (journey) line along a creek line. The ring is situated in the centre of the tree measuring 90 x 50cm, approx 1.7m from the ground with a 4-5m circumference for the tree. No scars present,. Found in proximity to silcrete flake.

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Scarred Trees: Regrowth (cm)	Scarred Trees: Scar shape	Scarred Trees: Tree Species
3.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
4.							

Feature condition:

Description:

Features:

	Number of features	Length of feature(s) extent (m)	Width of feature (s) extent (m)	Scarred Trees: Scar Depth (cm)	Regrowth (cm)	Scar shape	Tree Species
5.							

Feature condition:

Other Eucalypt

Description:

Site photographs



Description: Detailed close up of quartz flake.



Description: Location of Ghost gum ring tree and condition of surrounding landscape. View east.



Description: Location of flake and condition of surrounding landscape.



Description: Overview of ring tree with measuring tape. View east.

Site restrictions

Do you want to Restrict this site?:

Restriction type: Gender | General | Location — N/A

Why is this site restricted?:

Further information contact

Title	Surname	First name
Ms.	O'Brien-Pounde	Phillipa

Organisation: EMM Consulting

Address: Ground floor, 20 Chandos Street, St Leonards NSW 2065

Phone: 0249074881 **E-mail:** pobrienpounde@emmconsulting.com.au

Site interpretation and community statement

-

Attachment E
Field investigation

EMM
creating opportunities

E.1 Photograph catalogue (field survey)

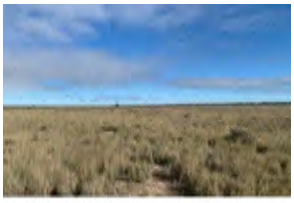

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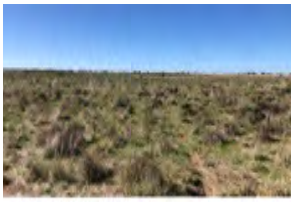

Dinawan Wind Survey (27)

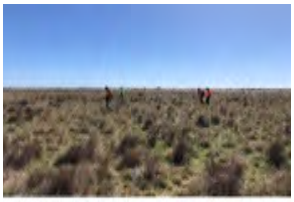

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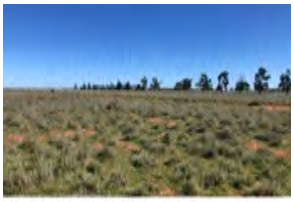

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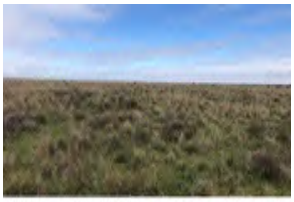

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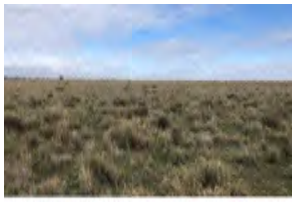

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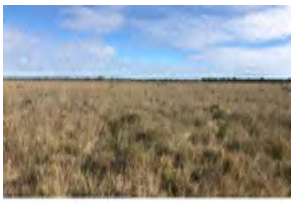

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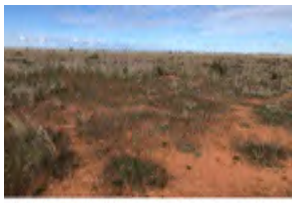

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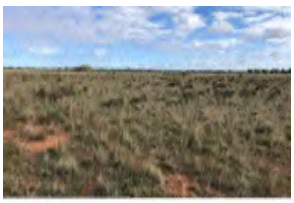

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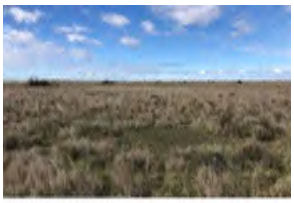

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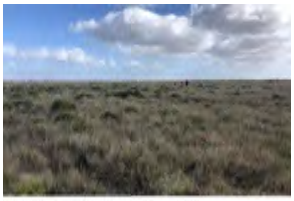

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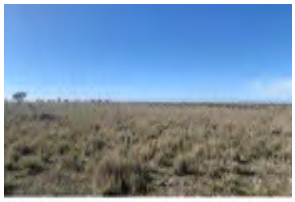

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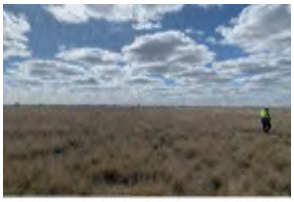
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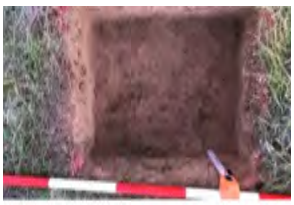
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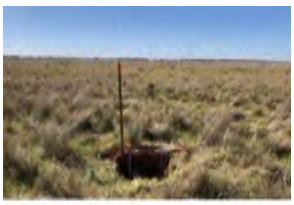
E.2 Test pit information

Area	Test Pit	Spit 1 (0-10cm)	Spit 2 (10-20cm)	Spit 3 (20-30cm)	Spit 4 (30-40cm)	Spit 5 (40-50cm)	Spit 6 (50-60cm)	Spit 7 (60-70cm)	Spit 8 (70-80cm)	Total Count	Depth (m)	Total Spits	Notes	Length (m)	Width (m)	Volume (m^3)
1.2	TP1	0	1	0						1	0.3	3		0.5	0.5	0.075
1.2	TP2 (exp)	0	0	2						2	0.3	3		0.5	0.5	0.075
1.2	TP15 (2)	0	0	0						0	0.3	3		0.5	0.5	0.075
1.2	TP16 (2)	1	0	0						1	0.3	3		0.5	0.5	0.075
1.2	TP3	0	0	0						0	0.3	3		0.5	0.5	0.075
1.2	TP4 (exp)	0	0	4	1	0				5	0.4	5		0.5	0.5	0.1
1.2	TP11 (4)	0	1	0	4	0				5	0.42	5		0.5	0.5	0.105
1.2	TP12 (4)	2	1	1	0	0				4	0.45	5		0.5	0.5	0.1125
1.2	TP13 (4)	0	0	0	0	1				1	0.45	5		0.5	0.5	0.1125
1.2	TP14 (4)	0	1	0	0					1	0.4	4		0.5	0.5	0.1
1.2	TP5	0	0	0						0	0.3	3		0.5	0.5	0.075
1.3	TP6	0	0	0						0	0.25	3		0.5	0.5	0.0625
1.3	TP7	1	0							1	0.2	2		0.5	0.5	0.05
1.3	TP8	0	0							0	0.2	2		0.5	0.5	0.05
1.1	TP9	0	0							0	0.2	2		0.5	0.5	0.05
1.1	TP10	0	1	0	0					1	0.4	4		0.5	0.5	0.1
2	TP17	0	0	0						0	0.25	3		0.5	0.5	0.0625
2	TP18	0	0	0	0					0	0.4	4		0.5	0.5	0.1
2	TP19	0	0	0						0	0.25	3		0.5	0.5	0.0625
2	TP20	0	0	0						0	0.25	3		0.5	0.5	0.0625
2	TP21	0	0	0						0	0.3	3		0.5	0.5	0.075
2	TP22	0	0	0						0	0.3	3		0.5	0.5	0.075
2	TP23	0	0	0						0	0.3	3		0.5	0.5	0.075
2	TP24	0	0	0	0	0	0			0	0.55	6		0.5	0.5	0.1375
2	TP25	0	0	0	0					0	0.35	4		0.5	0.5	0.0875
2	TP26	0	0	0						0	0.25	3		0.5	0.5	0.0625
2	TP27	0								0	0.1	1		0.5	0.5	0.025
2	TP28	0	0	0						0	0.25	3		0.5	0.5	0.0625
2	TP29	0	0							0	0.15	2		0.5	0.5	0.0375
2	TP30	0	0							0	0.2	2		0.5	0.5	0.05
2	TP31	0	0	0	0	0	0			0	0.54	6		0.5	0.5	0.135
2	TP32	0	0	0						0	0.3	3		0.5	0.5	0.075
2	TP33	0	0	0	0					0	0.35	4		0.5	0.5	0.0875
2	TP34	0	0	0	0					0	0.35	4		0.5	0.5	0.0875
4	TP35	0	1	0						1	0.3	3		0.5	0.5	0.075
4	TP36	0	1	0	0	0	0	0		1	0.65	7		0.5	0.5	0.1625
4	TP37	0	0	0	1	0	0	0		1	0.7	7		0.5	0.5	0.175
4	TP38	0	0	0	0	1	0			1	0.55	6		0.5	0.5	0.1375
4	TP39	0	0	0	0	0				0	0.45	5		0.5	0.5	0.1125
4	TP40	0	0	0	0	0	0	0		0	0.65	7		0.5	0.5	0.1625
4	TP41	0	0	3	0	0				3	0.45	5		0.5	0.5	0.1125
4	TP42	1	0	0	0	1	0			2	0.55	6		0.5	0.5	0.1375
4	TP43	0	0	0	0	1	0	0	0	1	0.8	8		0.5	0.5	0.2
4	TP44	0	0	0	0	0	0	0		0	0.7	7		0.5	0.5	0.175
4	TP45	0	0	0	0	0	0	0	0	0	0.8	8		0.5	0.5	0.2
4	TP46	0	0	0	0	1	0	0	0	1	0.8	8		0.5	0.5	0.2
4	TP47	0	0	0	0					0	0.4	4		0.5	0.5	0.1
4	TP48	0	0	0	0	0				0	0.5	5		0.5	0.5	0.125
4	TP49	0	0	0	0	0	1	0	0	1	0.8	8		0.5	0.5	0.2
4	DEHW-2023-HASPAD3	1								1	0.1	1		0.5	0.5	0.025
5	TP50	0	0	0	0	0	0	0	0	0	0.8	8		0.5	0.5	0.2
5	TP51	0	0	1	0	0				1	0.45	5		0.5	0.5	0.1125
5	TP52	0	0	0						0	0.3	3		0.5	0.5	0.075
5	TP53	0	0	0	0	0	0	0	0	0	0.8	8		0.5	0.5	0.2
5	TP54	0	0	0	0	0	0	0	0	0	0.8	8		0.5	0.5	0.2
5	TP55	0	0	0	0					0	0.4	4		0.5	0.5	0.1
5	TP56	0	0	0						0	0.25	3		0.5	0.5	0.0625
5	TP57	0	0	0	0	0	0	0		0	0.7	7		0.5	0.5	0.175
5	TP58	1	0							1	0.2	2		0.5	0.5	0.05
5	TP59	1	0							1	0.2	2		0.5	0.5	0.05
5	TP60	0	0							0	0.2	2		0.5	0.5	0.05
5	TP61	0								0	0.1	1		0.5	0.5	0.025
5	TP62	0	0							0	0.15	2		0.5	0.5	0.0375
5	TP63	0	0							0	0.2	2		0.5	0.5	0.05
5	TP64	0	0	0						0	0.3	3		0.5	0.5	0.075
5	TP65	0	1	0	0	0	0			1	0.6	6		0.5	0.5	0.15
5	TP66	0	0	0	0	0				0	0.5	5		0.5	0.5	0.125
6	TP67	0	0							0	0.2	2		0.5	0.5	0.05
6	TP68	0	0							0	0.15	2		0.5	0.5	0.0375
6	TP69	0	0							0	0.15	2		0.5	0.5	0.0375
6	TP70	0	0	0						0	0.25	3		0.5	0.5	0.0625

Area	Test Pit	Spit 1 (0-10cm)	Spit 2 (10-20cm)	Spit 3 (20-30cm)	Spit 4 (30-40cm)	Spit 5 (40-50cm)	Spit 6 (50-60cm)	Spit 7 (60-70cm)	Spit 8 (70-80cm)	Total Count	Depth (m)	Total Spits	Notes	Length (m)	Width (m)	Volume (m^3)
6	**TP71**	0	0							0	**0.15**	**2**		0.5	0.5	0.0375
6	**TP72**	0	0							0	**0.2**	**2**		0.5	0.5	0.05
6	**TP73**	0								0	**0.1**	**1**		0.5	0.5	0.025
6	**TP74**	0	0							0	**0.15**	**2**		0.5	0.5	0.0375
6	**TP75**	0	0							0	**0.2**	**2**		0.5	0.5	0.05
6	**TP76**	0								0	**0.1**	**1**		0.5	0.5	0.025
6	**TP77**	1	0							1	**0.15**	**2**		0.5	0.5	0.0375
6	**TP78**	0								0	**0.1**	**1**		0.5	0.5	0.025
6	**TP79**	0								0	**0.1**	**1**		0.5	0.5	0.025
6	**TP80**	0								0	**0.1**	**1**		0.5	0.5	0.025
6	**TP81**	0	0							0	**0.2**	**2**		0.5	0.5	0.05
6	**TP82**	0								0	**0.1**	**1**		0.5	0.5	0.025
6	**TP83**	0	0							0	**0.2**	**2**		0.5	0.5	0.05
6	**TP84**	0	0							0	**0.15**	**2**		0.5	0.5	0.0375
6	**TP85**	0								0	**0.1**	**1**		0.5	0.5	0.025
3	**TP86**	0								0	**0.1**	**1**		0.5	0.5	0.025
3	**TP87**	0								0	**0.1**	**1**		0.5	0.5	0.025
3	**TP88**	0	0							0	**0.15**	**2**		0.5	0.5	0.0375
3	**TP89**	0	0							0	**0.2**	**2**		0.5	0.5	0.05
3	**TP90**	0	0							0	**0.2**	**2**		0.5	0.5	0.05
3	**TP91**	0	0							0	**0.2**	**2**		0.5	0.5	0.05
3	**TP92**	0								0	**0.1**	**1**		0.5	0.5	0.025
3	**TP93**	0	0							0	**0.2**	**2**		0.5	0.5	0.05
3	**TP94**	0	0	0						0	**0.25**	**3**		0.5	0.5	0.0625
3	**TP95**	1	0	0						1	**0.25**	**3**		0.5	0.5	0.0625
3	**TP96**	0	0	0						0	**0.25**	**3**		0.5	0.5	0.0625
3	**TP97**	0	0							0	**0.2**	**2**		0.5	0.5	0.05
Total		10	8	11	6	5	1	0	0	41	**0.324591837**	337	**X not excavated**			7.9525

E.3 Photograph catalogue (excavation)


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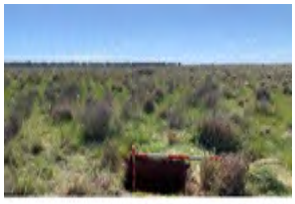
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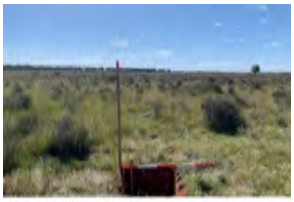
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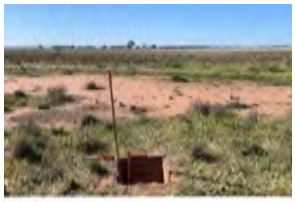
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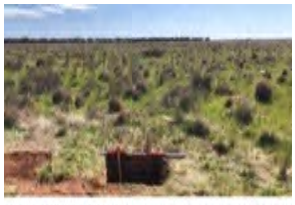
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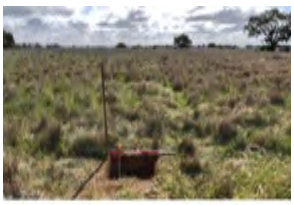
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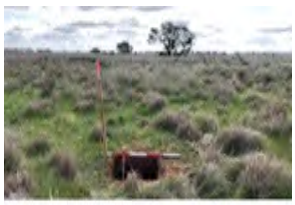
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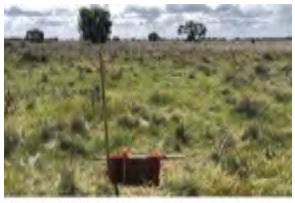
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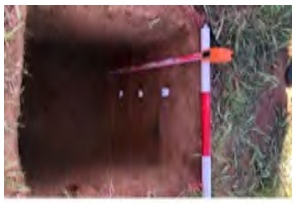

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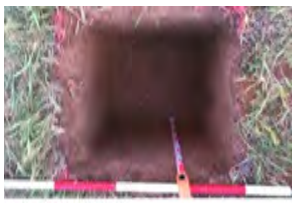

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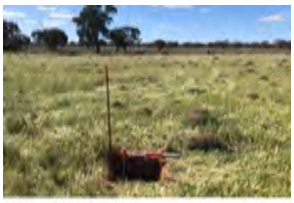

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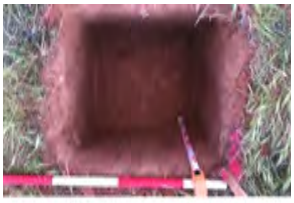

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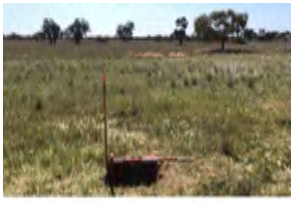
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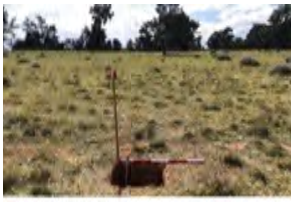
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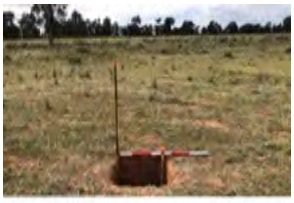
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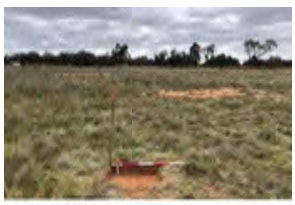

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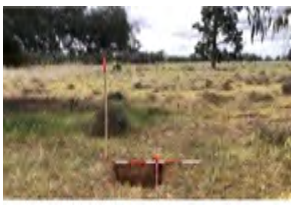

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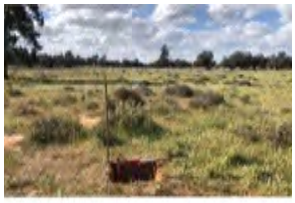
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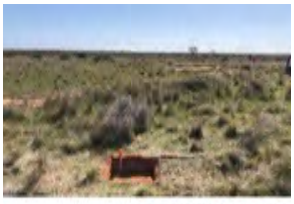
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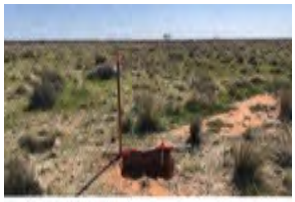
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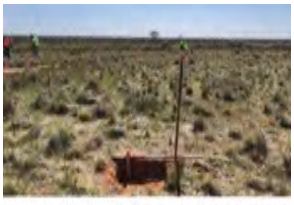
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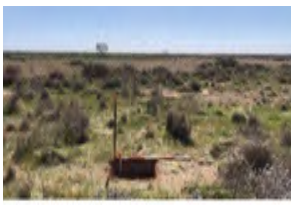
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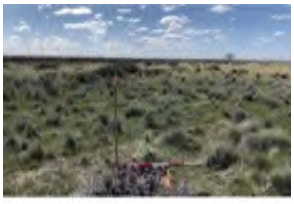

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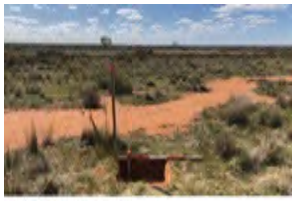

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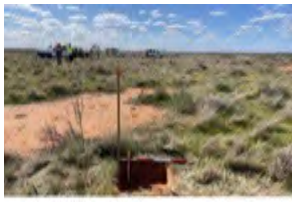

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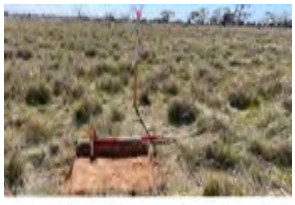

awan Wind Test Excavation (2


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awan Wind Test Excavation (2


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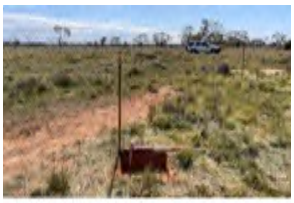

awan Wind Test Excavation (2


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nawan Wind Test Excavation (



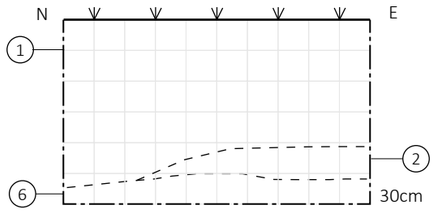
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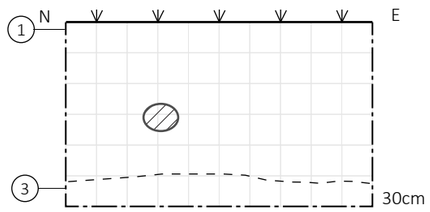
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E.4 Section drawings

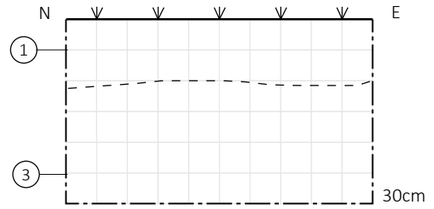
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NORTH SECTION



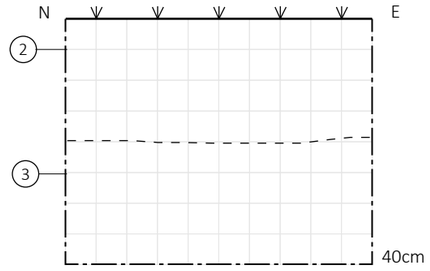
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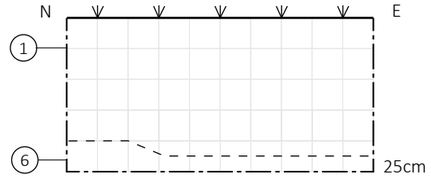
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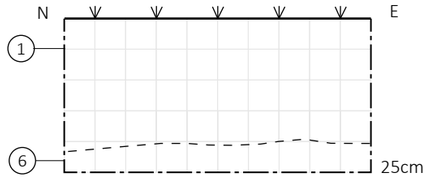
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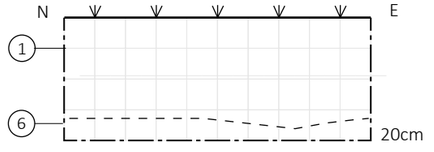
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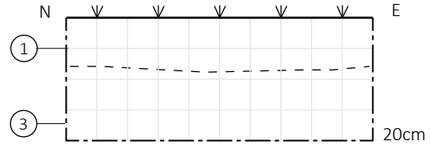
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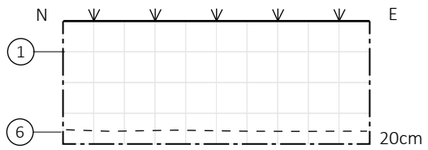
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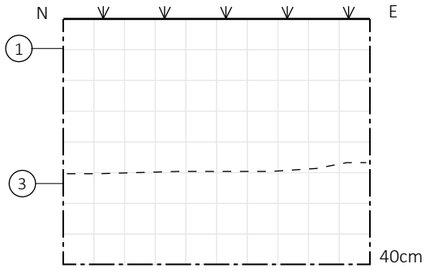
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NORTH SECTION



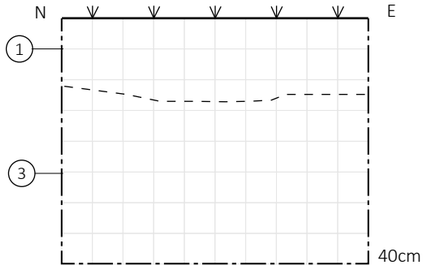
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NORTH SECTION



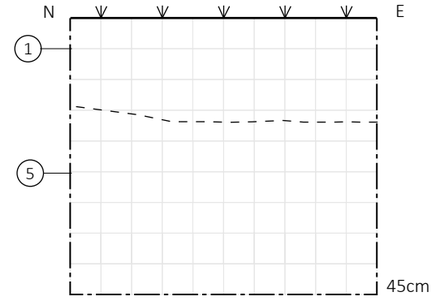
TP 10
NORTH SECTION



TP 11
NORTH SECTION



TP 12
NORTH SECTION



1 FINE GRAINED PALE BROWN SILT

2 PALE BROWN SILT WITH QUARTZ SAND FACTION

3 DIFFUSED BROWN SILTY CLAY LOAM

4 COMPACTED AGGREGATED SILTY CLAY

5 GREY BROWN CLAY LOAM

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VERSION	DESCRIPTION	DATE
1.0	DRAFT	21/09/2023

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- CLAY BALLS
- BURROW
- CALCIUM CARBONATE NODULE
- OSL SAMPLE

CLIENT
SPARKES RENEWABLES

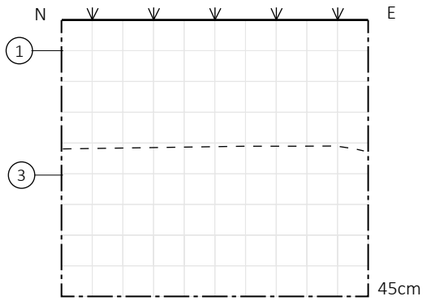
PROJECT
DINAWAN SOLAR FARM

TITLE
TEST PIT SECTION DRAWINGS

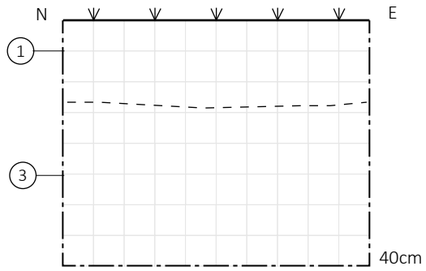
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PROJECT NO.	**VERSION**	
E220305	1.0	

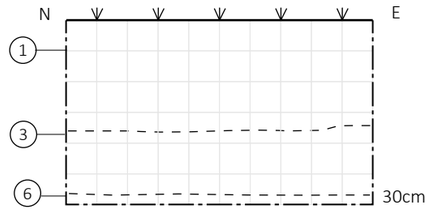
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NORTH SECTION



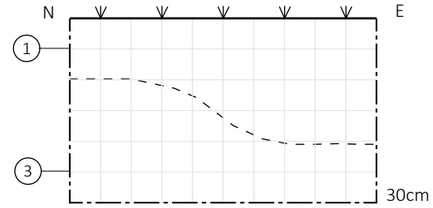
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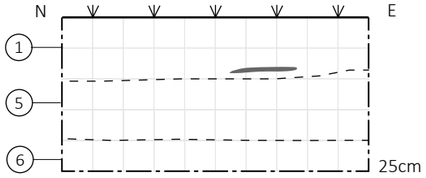
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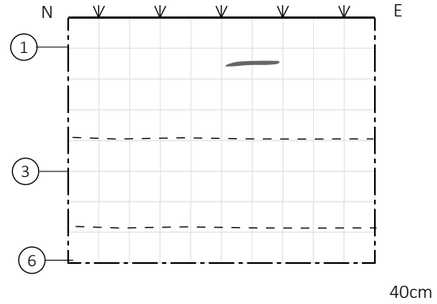
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NORTH SECTION



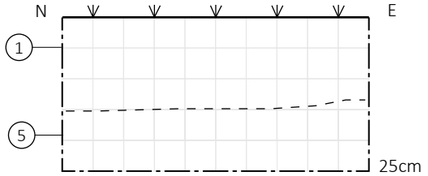
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NORTH SECTION



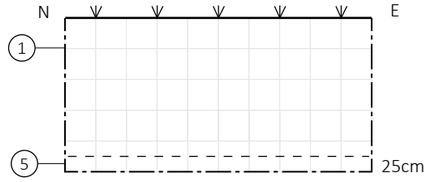
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NORTH SECTION



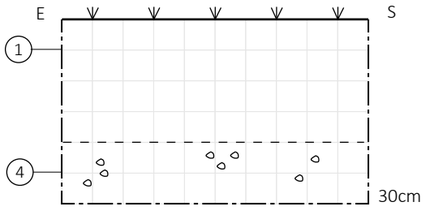
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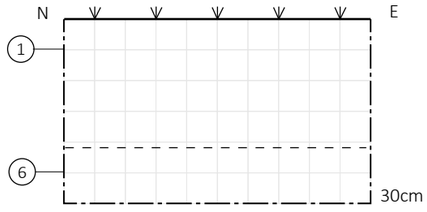
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NORTH SECTION



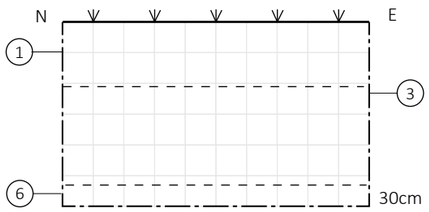
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EAST SECTION



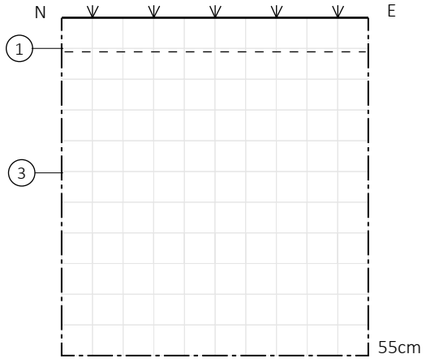
TP 22
NORTH SECTION



TP 23
NORTH SECTION



TP 24
NORTH SECTION



1. FINE GRAINED PALE BROWN SILT
2. PALE BROWN SILT WITH QUARTZ SAND FACTION
3. DIFFUSED BROWN SILTY CLAY LOAM
4. COMPACTED AGGREGATED SILTY CLAY
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VERSION	DESCRIPTION	DATE
1.0	DRAFT	21/09/2023

LEGEND

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- CLAY BALLS
- BURROW
- CALCIUM CARBONATE NODULE
- OSL SAMPLE

CLIENT
SPARKES RENEWABLES

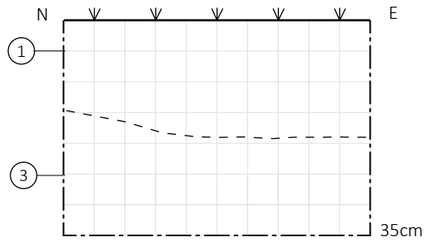
PROJECT
DINAWAN SOLAR FARM

TITLE
TEST PIT SECTION DRAWINGS

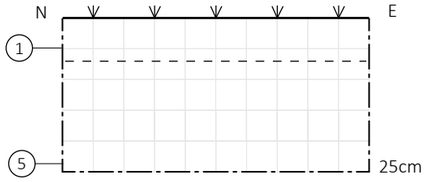
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PROJECT NO.	**VERSION**	
E220305	1.0	

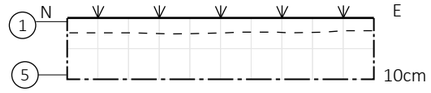
TP 25
NORTH SECTION



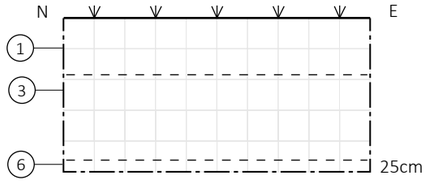
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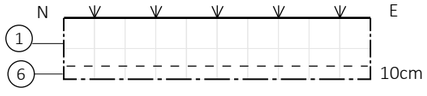
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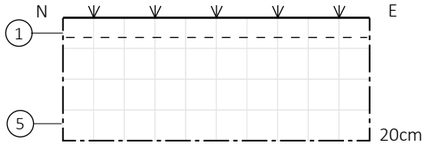
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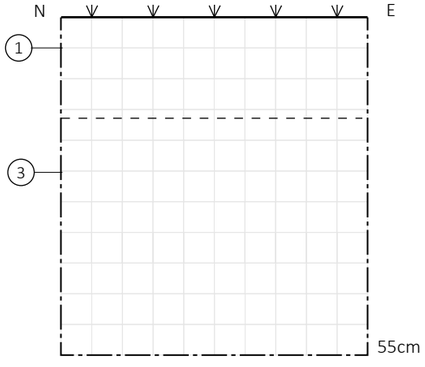
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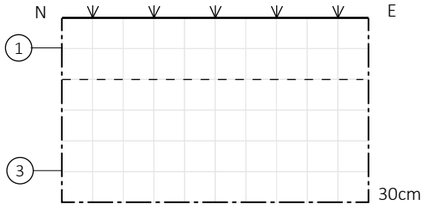
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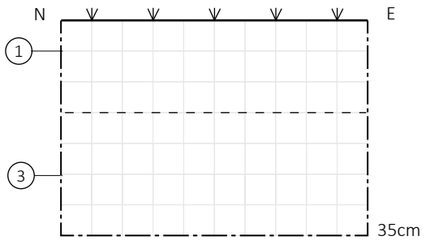
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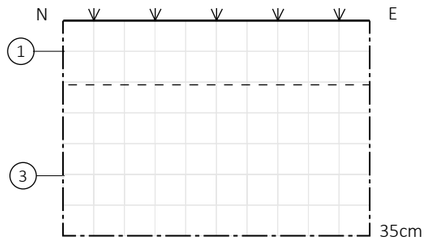
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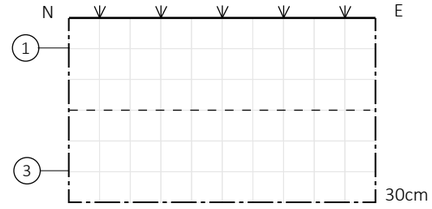
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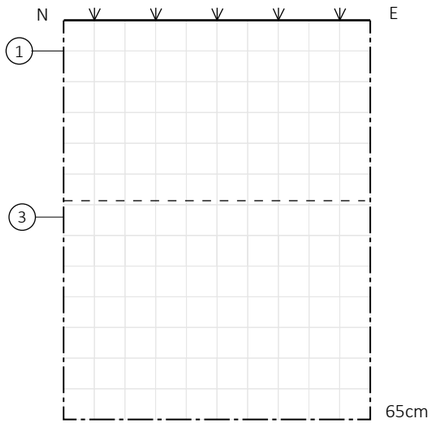
TP 34
NORTH SECTION



TP 35
NORTH SECTION



TP 36
NORTH SECTION



1. FINE GRAINED PALE BROWN SILT
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SPARKES RENEWABLES

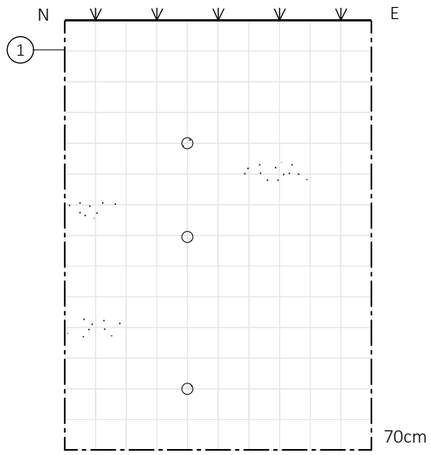
PROJECT
DINAWAN SOLAR FARM

TITLE
TEST PIT SECTION DRAWINGS

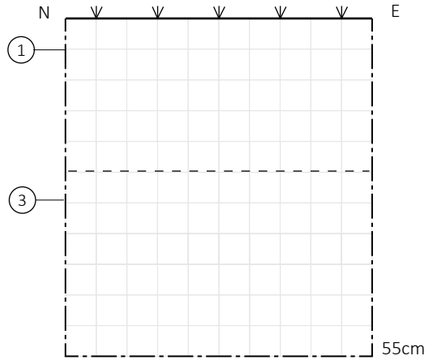
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
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PROJECT NO.	VERSION	
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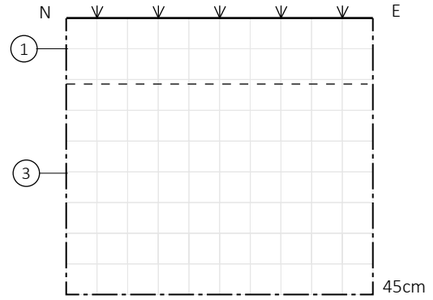
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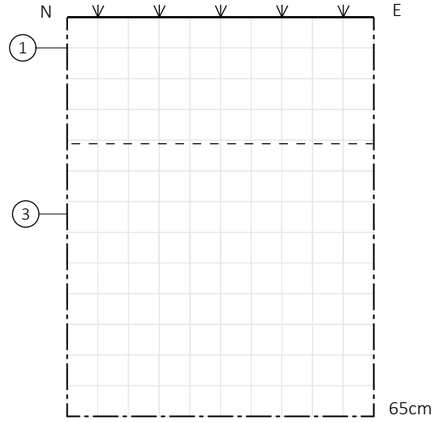
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NORTH SECTION



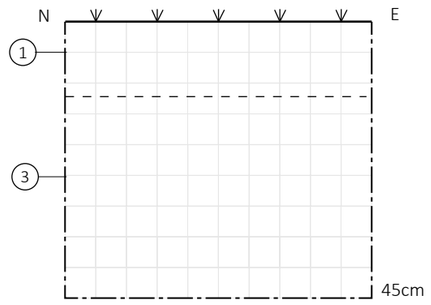
TP 39
NORTH SECTION



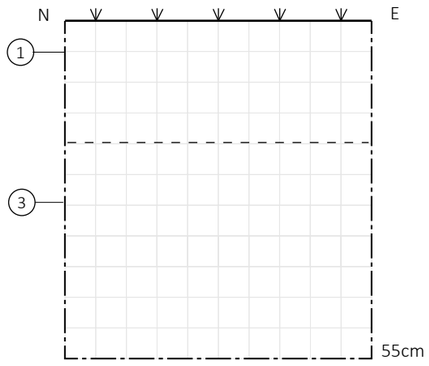
TP 40
NORTH SECTION



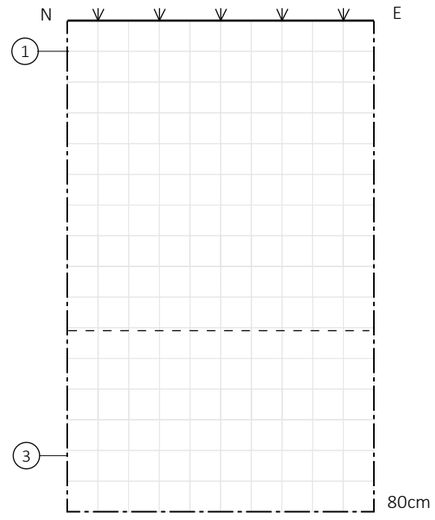
TP 41
NORTH SECTION



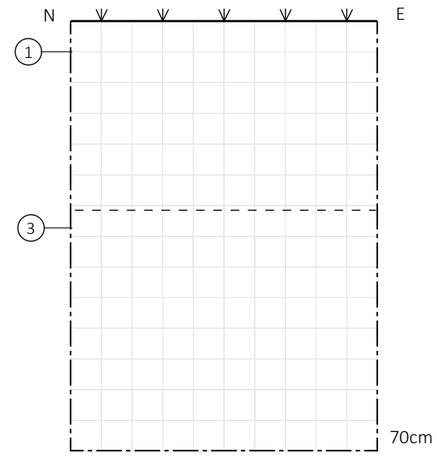
TP 42
NORTH SECTION



TP 43
NORTH SECTION



TP 44
NORTH SECTION



1 FINE GRAINED PALE BROWN SILT

2 PALE BROWN SILT WITH QUARTZ SAND FACTION

3 DIFFUSED BROWN SILTY CLAY LOAM

4 COMPACTED AGGREGATED SILTY CLAY

5 GREY BROWN CLAY LOAM

6 COMPACT RED BROWN CLAY

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E info@emmconsulting.com.au
www.emmconsulting.com.au

VERSION	DESCRIPTION	DATE
1.0	DRAFT	21/09/2023

LEGEND

- PIT BOUNDARY
- SOIL PROFILE BOUNDARY
- DIFFUSE SOIL PROFILE BOUNDARY
- MED/LARGE ROOTS
- STONE INCLUSIONS
- INFUSED CHARCOAL
- CLAY BALLS
- BURROW
- CALCIUM CARBONATE NODULE
- OSL SAMPLE

CLIENT
SPARKES RENEWABLES

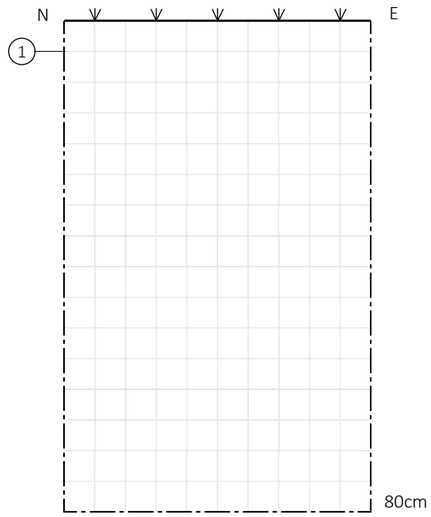
PROJECT
DINAWAN SOLAR FARM

TITLE
TEST PIT SECTION DRAWINGS

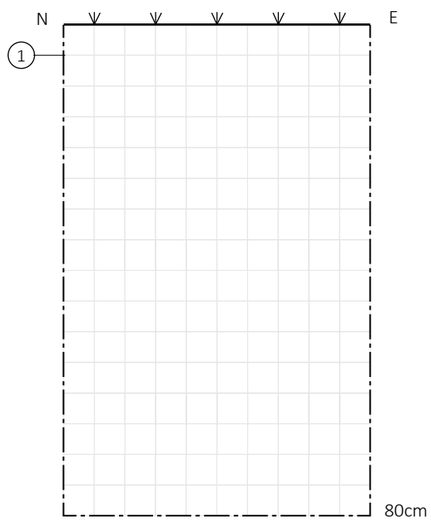
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	004
PROJECT NO.	**VERSION**	
E220305	1.0	

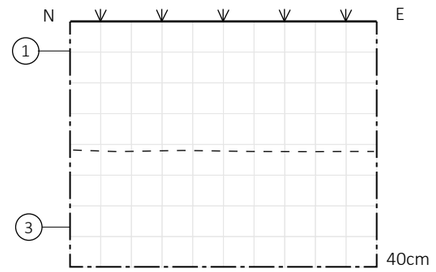
TP 45
NORTH SECTION



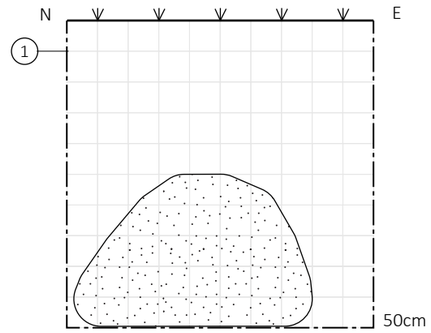
TP 46
NORTH SECTION



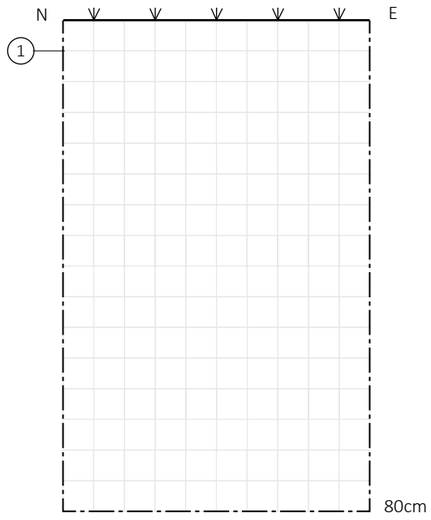
TP 47
NORTH SECTION



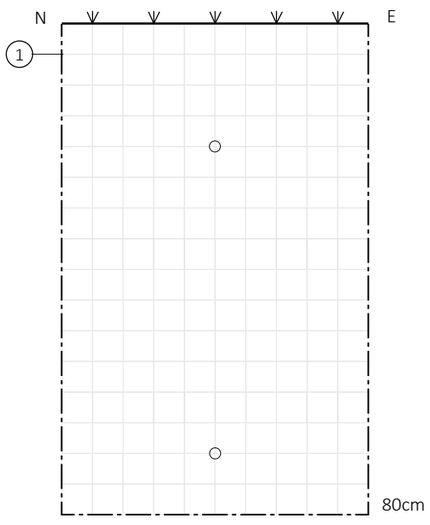
TP 48
NORTH SECTION



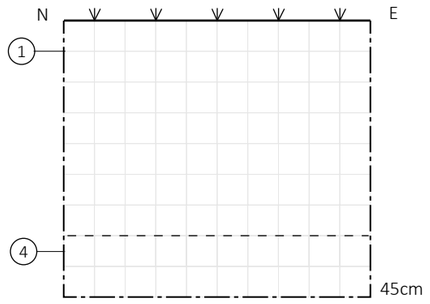
TP 49
NORTH SECTION



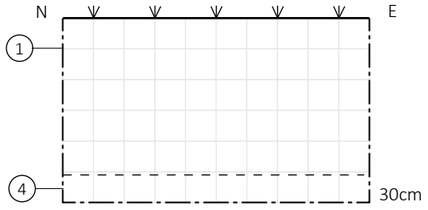
TP 50
NORTH SECTION



TP 51
NORTH SECTION



TP 52
NORTH SECTION



1. FINE GRAINED PALE BROWN SILT
2. PALE BROWN SILT WITH QUARTZ SAND FACTION
3. DIFFUSED BROWN SILTY CLAY LOAM
4. COMPACTED AGGREGATED SILTY CLAY
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VERSION	DESCRIPTION	DATE
1.0	DRAFT	21/09/2023

LEGEND

- PIT BOUNDARY
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- CLAY BALLS
- BURROW
- CALCIUM CARBONATE NODULE
- OSL SAMPLE

CLIENT
SPARKES RENEWABLES

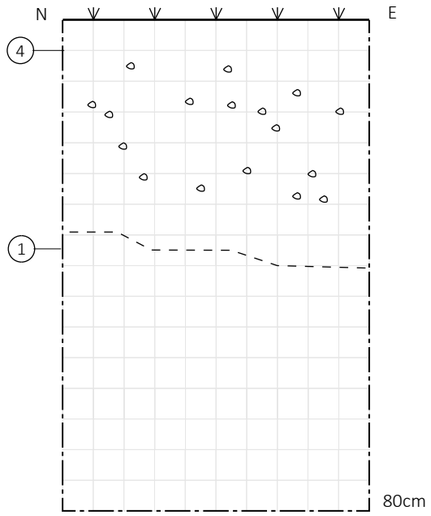
PROJECT
DINAWAN SOLAR FARM

TITLE
TEST PIT SECTION DRAWINGS

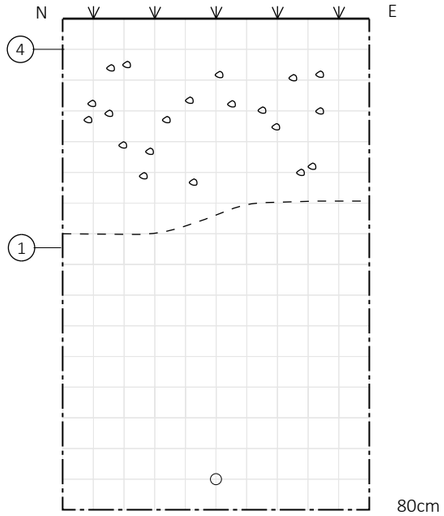
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	005
PROJECT NO.	**VERSION**	
E220305	1.0	

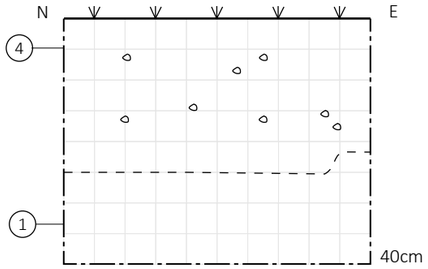
TP 53
NORTH SECTION



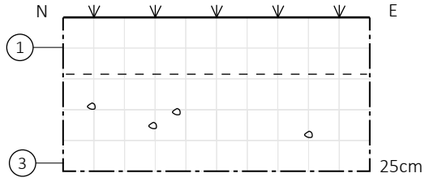
TP 54
NORTH SECTION



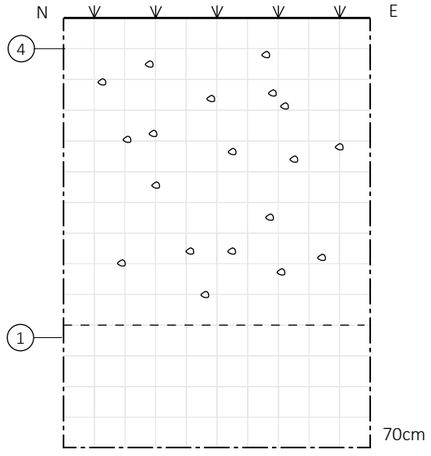
TP 55
NORTH SECTION



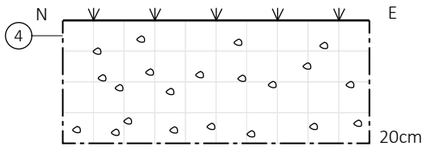
TP 56
NORTH SECTION



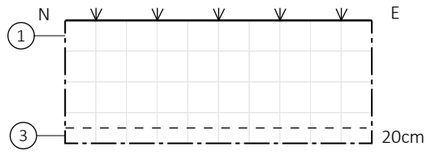
TP 57
NORTH SECTION



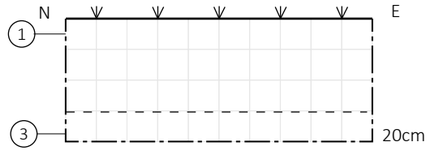
TP 58
NORTH SECTION



TP 59
NORTH SECTION



TP 60
NORTH SECTION



1. FINE GRAINED PALE BROWN SILT
2. PALE BROWN SILT WITH QUARTZ SAND FACTION
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VERSION	DESCRIPTION	DATE
1.0	DRAFT	21/09/2023

LEGEND

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- OSL SAMPLE

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SPARKES RENEWABLES

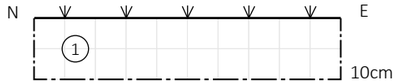
PROJECT
DINAWAN SOLAR FARM

TITLE
TEST PIT SECTION DRAWINGS

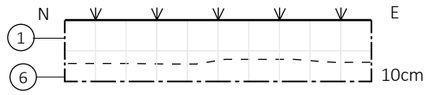
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
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PROJECT NO.	**VERSION**	
E220305	1.0	

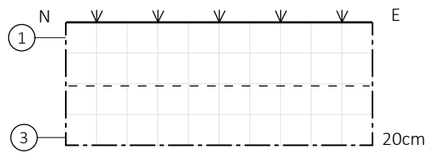
TP 61
NORTH SECTION



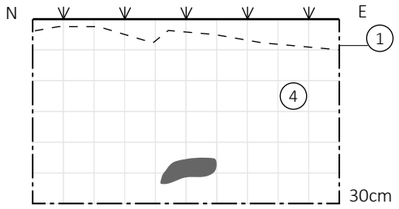
TP 62
NORTH SECTION



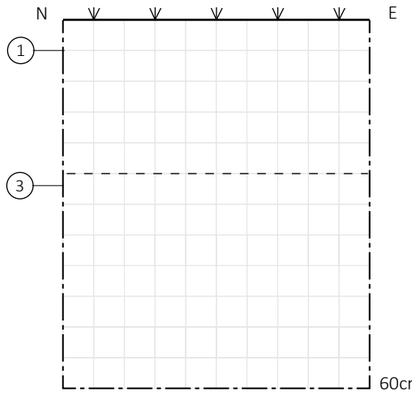
TP 63
NORTH SECTION



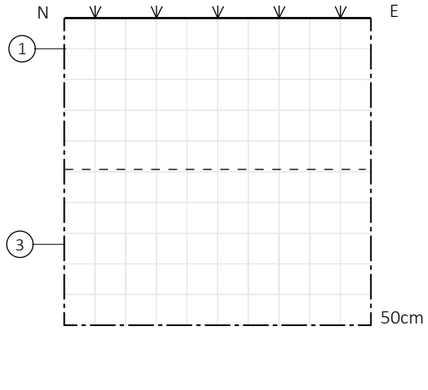
TP 64
NORTH SECTION



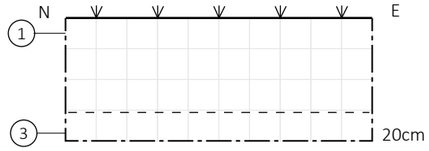
TP 65
NORTH SECTION



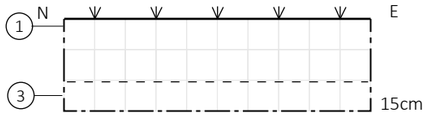
TP 66
NORTH SECTION



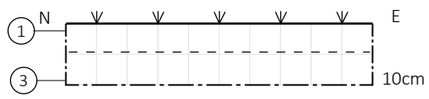
TP 67
NORTH SECTION



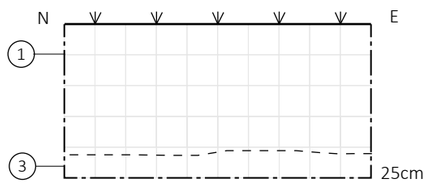
TP 68
NORTH SECTION



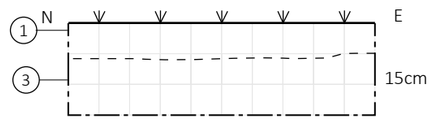
TP 69
NORTH SECTION



TP 70
NORTH SECTION



TP 71
NORTH SECTION



TP 72
NORTH SECTION



1 FINE GRAINED PALE BROWN SILT

2 PALE BROWN SILT WITH QUARTZ SAND FACTION

3 DIFFUSED BROWN SILTY CLAY LOAM

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VERSION	DESCRIPTION	DATE
1.0	DRAFT	21/09/2023

LEGEND

- PIT BOUNDARY
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- OSL SAMPLE

CLIENT
SPARKES RENEWABLES

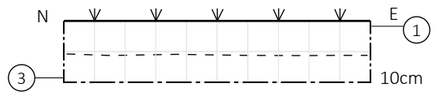
PROJECT
DINAWAN SOLAR FARM

TITLE
TEST PIT SECTION DRAWINGS

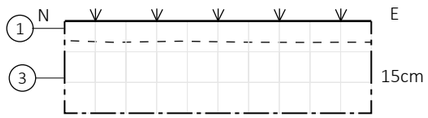
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	007
PROJECT NO.	VERSION	
E220305	1.0	

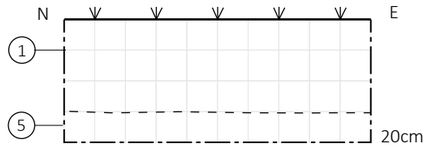
TP 73
NORTH SECTION



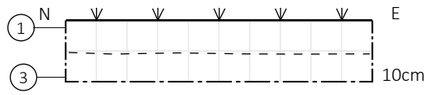
TP 74
NORTH SECTION



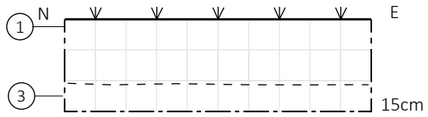
TP 75
NORTH SECTION



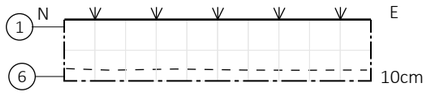
TP 76
NORTH SECTION



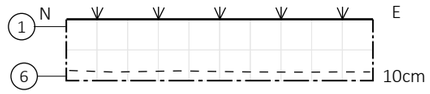
TP 77
NORTH SECTION



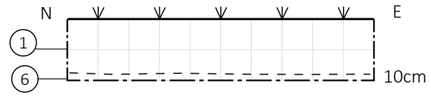
TP 78
NORTH SECTION



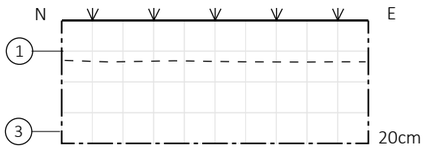
TP 79
NORTH SECTION



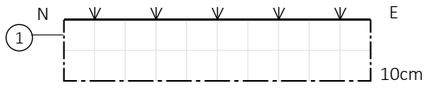
TP 80
NORTH SECTION



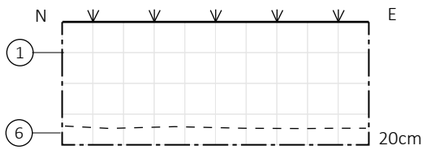
TP 81
NORTH SECTION



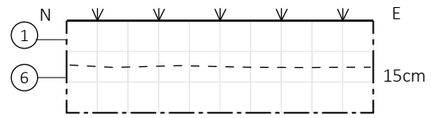
TP 82
NORTH SECTION



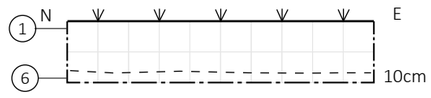
TP 83
NORTH SECTION



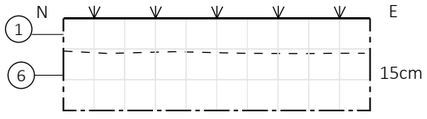
TP 84
NORTH SECTION



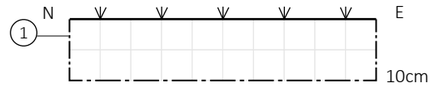
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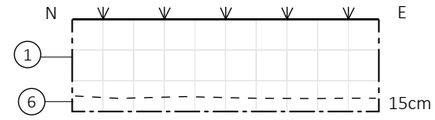
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TP 87
NORTH SECTION



TP 88
NORTH SECTION



1. FINE GRAINED PALE BROWN SILT
2. PALE BROWN SILT WITH QUARTZ SAND FACTION
3. DIFFUSED BROWN SILTY CLAY LOAM
4. COMPACTED AGGREGATED SILTY CLAY
5. GREY BROWN CLAY LOAM
6. COMPACT RED BROWN CLAY

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VERSION	DESCRIPTION	DATE
1.0	DRAFT	21/09/2023

LEGEND

- PIT BOUNDARY
- SOIL PROFILE BOUNDARY
- DIFFUSE SOIL PROFILE BOUNDARY
- MED/LARGE ROOTS
- STONE INCLUSIONS
- INFUSED CHARCOAL
- CLAY BALLS
- BURROW
- CALCIUM CARBONATE NODULE
- OSL SAMPLE

CLIENT
SPARKES RENEWABLES

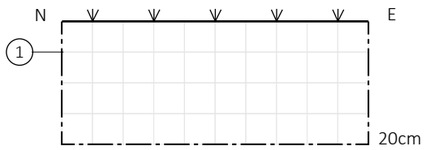
PROJECT
DINAWAN SOLAR FARM

TITLE
TEST PIT SECTION DRAWINGS

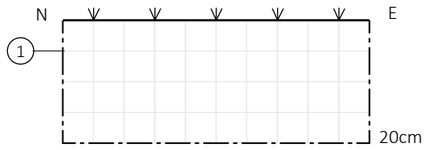
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PROJECT NO.	**VERSION**	
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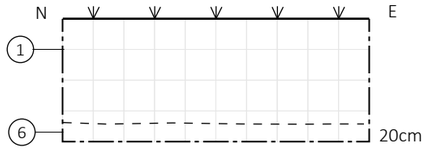
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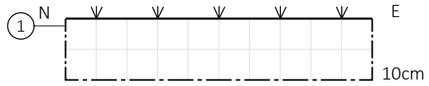
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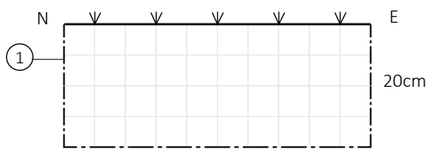
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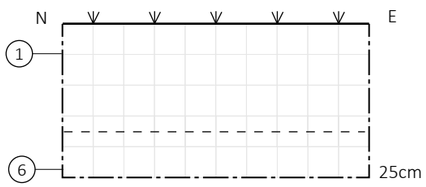
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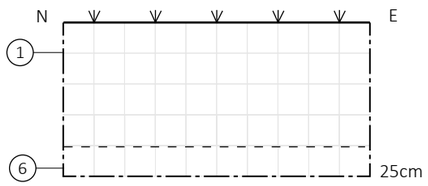
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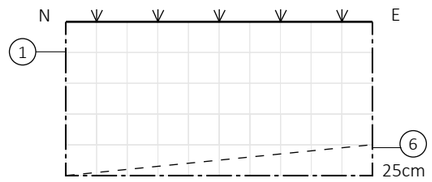
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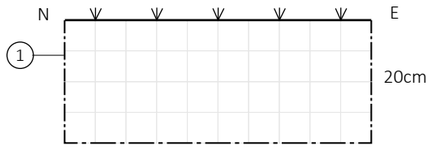
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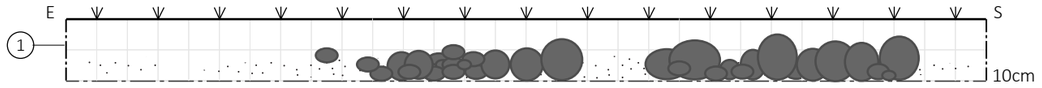
TP 96
NORTH SECTION



TP 97
NORTH SECTION



DEHW-2023-HASPAD3
NORTH SOUTH SECTION



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PROJECT
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TITLE
TEST PIT SECTION DRAWINGS

TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	09
PROJECT NO.	**VERSION**	
E220305	1.0	

E.5 OSL report



AUSTRALIAN RESEARCH COUNCIL
Centre of Excellence for Australian Biodiversity and Heritage

OSL dating of three sediment samples collected from the Dinawan Energy Hub, NSW on behalf of EMM

27 November 2023

Zenobia Jacobs
University of Wollongong

Abstract

Optically stimulated luminescence (OSL) dating was applied to individual quartz grains extracted from three sediment samples collected from two different test pits excavated into a deflated dune sand at the Dinawan Energy Hub, Murray Basin, NSW. Samples were collected from depths of 20, 70 and 75 cm below surface. All samples responded well to OSL measurements (i.e., they have moderately bright OSL signals and decay curves and dose-response curves typical of quartz grains).

The equivalent dose (D_e) distributions of both samples are consistent with sediment that were mixed post-depositionally. We used the normalised absolute deviation (nMAD) method to identify statistical outliers (intrusive grains) and rejected these before combining the remaining D_e values from using the central age model (CAM). We also calculated the minimum D_e value for TP50_20, using the minimum age model (MAM).

The beta and gamma dose rates were calculated from estimates of U, Th and K measured using inductively coupled plasma mass spectrometry and optical emission spectroscopy. The cosmic-ray dose rates were calculated from the geomagnetic latitude, altitude and depth of sediment overburden at each sample location and all types of dose rate were corrected for soil moisture content measured in the field today.

The two samples at 75 and 70 cm depth in two different test pits (TP54 and TP50) gave ages of 10,440 ± 625 and 8,800 ± 715 years, respective. These two ages are consistent at 1σ. Their broad D_e distributions need to be kept in mind and these ages should be considered broad average ages for deposition of sediment. Both ages are consistent with deposition during the early Holocene. The uppermost sample collected form a depth of 20 cm in TP50 gave a much younger average age of 760 ± 60 years. If this sample is interpreted as partially bleached, then the minimum age of 280 ± 45 year will be more appropriate.

Introduction

Three sediment samples were collected from two test pits (TP50 and TP54) as part of an excavation at the Dinawan Energy Hub, Murray Basin, NSW by EMM for single grain optically stimulated luminescence (OSL) dating. All OSL dating procedures were carried out in the Optical Dating Facility at the University of Wollongong (UOW), which is part of the Australian Research Council Centre of Excellence for Australian Biodiversity and Heritage (CABAH). Samples were prepared, measured and analysed using conventional standards and approaches adopted in the Optical Dating Facility. This report documents the specific procedures and results and provide the final age estimates for the samples.

Sample locations

Three sediment samples were collected from a deflated dune, located on the plains of the Murray Basin in NSW. This area has been allocated for a wind farm as part of the Dinawan Energy Hub and an artifact scatter was located in its vicinity. Two samples were collected from Test Pit 50 (TP50), the highest point of the dune. The third sample was collected form TP54 from the deflated zone of the dune, which may reside atop a palaeochannel. While the dune may be quite ancient, it has been theorized that despite its size, its positioning within the landscape may be quite recent (perhaps under 200 years old). TP50 consists of a moderately compacted reddish-brown silt with diffuse layers and no inclusions. Roots were constrained to the top 5 cm of the profile with large roots from nearby trees cut out of the north and south sections. TP54 consists of a light brown silt with an abundance of gravel inclusions atop a reddish silty sand (30 cm below the surface) with less inclusions atop a clay base of the same colour. Thin roots cease at ~30 cm below surface.

Samples were collected with PVC pipe that was pushed horizontally into the profile wall of the test pits. Figure 1 shows the location of each sample and Table 1 lists the field and laboratory codes, and the sample depths below surface.

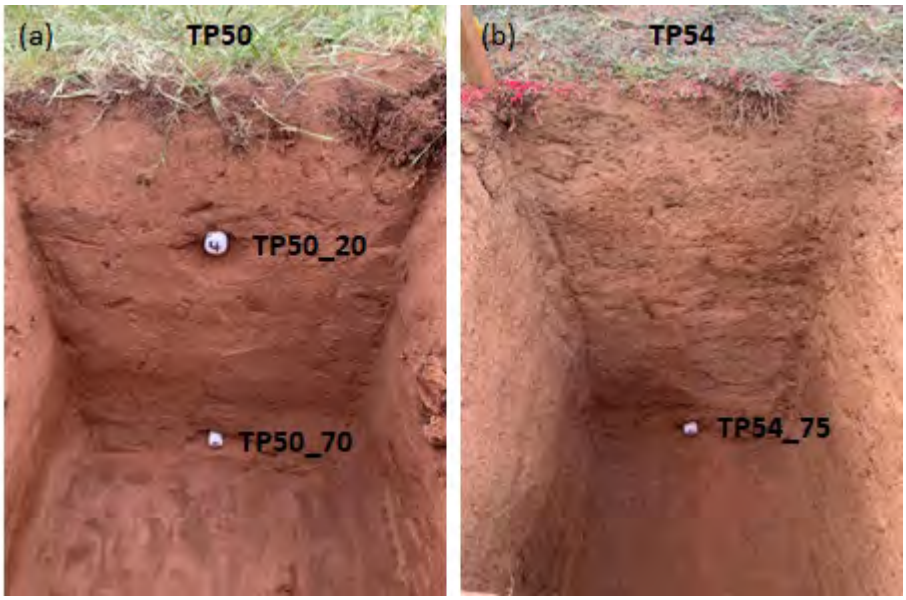


Figure 1: *(a) TP50 and (b) TP54) at the Dinawan Energy Hub from which samples were collected for OSL dating.*

Table 1: *Field and laboratory codes and present-day average depths below surface for all samples.*

Field code	Test Pit	Laboratory code	Depth (cm)
TP50_20	50	CABAH-1638	20
TP50_70	50	CABAH-1639	70
TP54_75	54	CABAH-1640	75

OSL dating

OSL dating provides a means of determining burial ages for sediments and associated artefacts and fossils (Huntley et al., 1985; Aitken, 1998; Duller, 2004; Jacobs and Roberts, 2007; Wintle, 2014; Roberts et al., 2015; Athanassas and Wagner, 2016). The method is based on the time-dependent increase in the number of trapped electrons induced in mineral grains—such as quartz—by low levels of ionising radiation from the decay of naturally occurring uranium, thorium and potassium in the surrounding deposits, and from cosmic rays. The time elapsed since the light-sensitive electron traps were emptied can be determined from measurements of the luminescence signals from quartz (OSL) from which the equivalent dose (D_e) is estimated, together with determinations of the radioactivity of the sample and the material surrounding it to a distance of ~30 cm (the environmental dose rate). The luminescence 'clock' is reset by just a few seconds (quartz) of exposure to sunlight. The D_e divided by the environmental dose rate gives the burial time of the grains in calendar years ago. Here, we exploited the inherent benefits of single-grain dating, which include the identification and elimination of individual grains that exhibit aberrant luminescence characteristics (Jacobs et al., 2006; Jacobs and Roberts, 2007; Duller, 2008) and the use of D_e distributions to investigate the potential impact that depositional and post-depositional processes, such as sediment mixing or insufficient exposure to sunlight (partial bleaching), may have on age determination.

Sample preparation and analytical facilities

All samples were prepared using routine optical dating procedures (Aitken, 1998). Samples were first treated with HCl acid and H_2O_2 solution to remove carbonates and organic matter, respectively. The remaining sediment was then dried and sieved to obtain a range of sand-sized grain fractions. Grains of 180–212 µm in diameter were used for dating. The grains were etched using 40% HF acid for 45 min to dissolve any feldspar grains that may be present, and to remove the alpha-irradiated layer around the surface of each grain. The HF-etched grains were then rinsed in HCl acid to remove any precipitated fluorides and sieved again.

Single-grain OSL measurements of D_e were made for all quartz samples. OSL measurements were made on an automated Risø TL-DA-20 luminescence reader equipped with a focused green (532 nm) laser for single-grain stimulation (Bøtter-Jensen et al., 2003). Luminescence emissions were detected using an Electron Tubes Ltd 9235QA photomultiplier tube. The OSL signals were detected through Hoya U-340 filters. Single-grain measurements were made using aluminium discs drilled with 100 holes, each 300 µm in diameter and 300 µm deep (Bøtter-Jensen et al., 2003). Irradiations were carried

out inside the luminescence reader using a $^{90}Sr/^{90}Y$ beta source that has been calibrated using a range of known gamma-irradiated quartz. Spatial variations in beta dose rate to individual grain positions were taken into account for D_e determination (Ballarini et al., 2006).

D_e determination and results

All single-grain quartz measurements were made using the single-aliquot regenerative-dose (SAR) procedure (Galbraith et al., 1999; Murray and Wintle, 2000). The SAR procedure involves measuring the OSL signals from the natural (burial) dose (L_n) and from a series of regenerative doses (L_x) that adequately bracket the D_e value (given in the laboratory by means of the calibrated $^{90}Sr/^{90}Y$ beta source). Grains were preheated at 260°C for 10 s prior to optical stimulation by an intense, green (532 nm) laser beam for 2 s at 125°C. A fixed test dose (~10 Gy, preheated at 160°C for 5 s) was given after each natural and regenerative dose, and the induced OSL signals (T_n and T_x) were used to correct for any sensitivity changes during the SAR sequence. A duplicate regenerative dose was included in the sequence to check the adequacy of this sensitivity correction, and a 'zero regenerative dose' (0 Gy) measurement cycle was included to monitor the extent of any 'recuperation' induced by the preheat treatment. As a check for possible contamination of the acid-etched quartz grains by other mineral inclusions, we also applied the OSL IR depletion ratio test (Duller, 2003) to each grain at the end of the SAR sequence, using an infrared exposure of 40 s at 50°C.

A total of 1,500 individual quartz grains were measured; 500 grains for each sample. Not every quartz grain that is measured is useful as a chronometer. Most grains are unsuitable because they have inherent luminescence properties that may give rise to inaccurate estimates of D_e. These unsuitable grains are identified based on known characteristics and the outcomes of tests built into the measurement sequences (e.g., the recycling ratio test, OSL IR depletion ratio test and recuperation ratio test). A series of quality-assurance criteria (Jacobs et al., 2006; Li et al., 2017) have been developed to objectively identify and reject such grains. Grains were rejected for the following reasons:

1. Initial T_n signal is less than 3σ above the corresponding background count, or the relative error on T_n is >25%.
2. Recycling ratio (i.e., the ratio of L_x/T_x values for the duplicate regenerative doses) is not consistent with unity at 2σ.
3. Recuperation ratio (i.e., the ratio of the L_x/T_x values for the 0 Gy and maximum regenerative doses) is >5%.
4. OSL IR depletion ratio is greater than 2σ less than unity (Duller, 2003).
5. L_x/T_x ratios are too scattered to be reliably fitted with a curve, have a large figure-of-merit (FOM) value with an upper limit of 10% or a have a reduced chi-squared value of >5.
6. L_n/T_n ratio is statistically consistent with, or higher than, the saturation level of the corresponding dose-response curve (DRC), so that a finite D_e value and error estimate could not be obtained, or D_e value is obtained by extrapolation of the fitted DRC, rather than interpolation among the regenerative-dose signals.

Table 2: *Number of individual quartz grains measured, rejected and accepted for each sample, together with the reasons for their rejection (see text for reference to numbers).*

Sample	No. of measured grains	Rejection criteria (see text)						Sum of rejected grains	No. of accepted grains	Negative D_e
		1	2	3	4	5	6			
TP50_20	500	265	29	10	53	39	1	397	103	5
TP50_70	500	291	31	1	48	41	6	418	82	0
TP54_75	500	244	24	2	56	63	8	397	103	0

Table 2 lists the numbers of individual grains measured, rejected and accepted for D_e determination for each of the samples, and the reasons for their rejection. Between 16% and 21% of grains were accepted for each sample; all accepted grains provide reliable estimates of D_e.

L_n, L_x, T_n and T_x values were estimated from the first 0.22 s of OSL decay, with the mean count recorded over the last 0.3 s subtracted as background. Sensitivity-corrected (L_x/T_x) dose response curves were then constructed from the L_x and T_x OSL signals, using a general-order kinetic (GOK) function (Guralnik et al., 2015), and the sensitivity-corrected natural OSL signal (L_n/T_n) was projected onto the fitted DRC to estimate the D_e value by interpolation (Fig. 2). All data analyses, including curve fitting, D_e determination and error estimations, were achieved using the functions implemented in the R-package 'numOSL' (Peng et al., 2013).

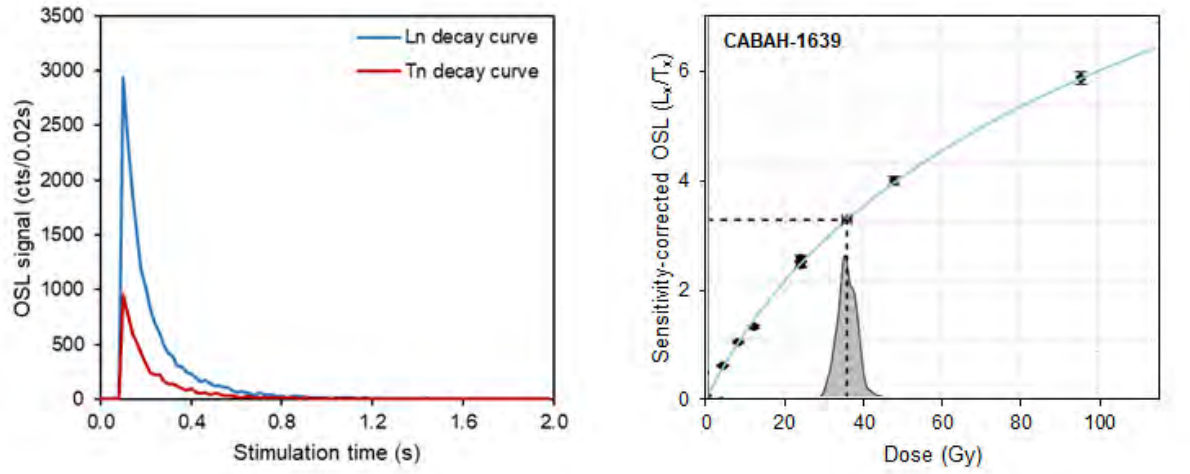


Figure 2: *Representative OSL decay curves (left-hand column) for the natural dose (blue) and test dose (~10 Gy; red) OSL signals and corresponding full DRC (right-hand column) for one representative grain from sample C-1639 (TP50_70).*

Fig. 2 (left) shows the natural and regenerative dose OSL decay curves for a representative quartz grain from each of the samples, following a preheat of 260°C for 10 s. The OSL decay curves exhibit a range of shapes but are generally quite reproducible and decay rapidly to instrumental background, with less than ~5% of the initial signal remaining after 0.3 s of optical stimulation. Fig. 2

(right) shows the corresponding DRC for the same representative grains. Most DRCs have very similar shapes up to ~30 Gy and continue to grow far beyond the range of D_e values for samples in this study.

The performance of the single-grain OSL procedure was tested using a dose recovery test (Galbraith et al., 1999) on sample TP50_70. The OSL signals for grains from this sample were first bleached and then given a known dose of ~25 Gy to act as a surrogate 'natural' dose. Five-hundred grains were measured using the procedure outlined above. The dose recovery ratio (i.e., the ratio of measured dose to given dose) of 0.98 ± 0.02 is consistent with unity at 2σ, demonstrating that the single-grain OSL procedure can produce reliable estimates of measured dose for the samples in this study. The dose recovery results for 83 accepted grains are shown in Fig. 3, where the measured/given dose ratios are presented as a radial plot. The overdispersion (OD) value is 10 ± 2%.

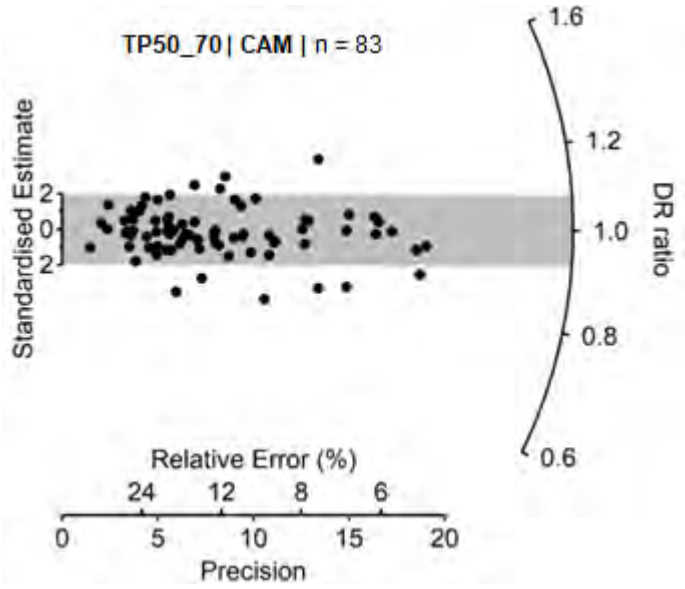


Figure 3: *Measured/given dose ratios for 83 individual grains from sample TP50_70 that were first bleached and then given a known beta dose of ~25 Gy. Grains were measured in the same manner as for the natural samples in this study. All grains consistent with the given dose fall within the grey band that is centred on a value of unity.*

Information about the numbers of grains measured and used for D_e determination are provided in Table 2.

It is commonplace in single-grain OSL dating for there to be some spread in the data due to natural variability and other complicating factors. To quantify the degree of spread, we routinely calculate OD values for the D_e distributions of each sample. OD represents the relative standard deviation (i.e., the coefficient of variation) of the D_e distribution after accounting for the various measurement uncertainties (Galbraith et al., 2005; Galbraith and Roberts, 2012). Even for samples that have been well-bleached (zeroed by sunlight) prior to deposition and that remained undisturbed since burial, some degree of OD is present; typical values for such samples range between about 10 and 30%. The OD values calculated for the D_e distributions, and the D_e values ± 1σ uncertainties, using statistical

models are presented in Table 3 for each sample. The OD values for both samples are much greater than what would be expected of samples that were well-bleached and undisturbed.

Information about potential reasons for OD are usually obtained by looking at the shape and patterns of the D_e distributions for each sample when plotted as radial plots, such as those shown in Fig. 3. In such plots, each point represents a single grain, for which the D_e can be read by extending a line from the 'standardised estimate' axis on the left-hand side to intersect the radial axis on the right; the point of intersection is the D_e. The uncertainty on this estimate can be read by extending a line vertically from the data point to intersect the horizontal axis running along the bottom of the plot. This axis shows the relative standard error in % (i.e., the standard error, in Gy, divided by the D_e estimate, in Gy, multiplied by 100) and its reciprocal (the 'precision'). In such plots, the most precise estimates fall to the right and the least precise to the left. If the D_e values are consistent with statistical expectation, then 95% of the points will scatter within any chosen band of width ±2 units projecting from the left-hand axis (see grey bands in Fig. 4), and 0% overdispersion will be obtained. The radial plots for all samples are shown in Fig. 4.

The D_e distributions for all three samples are consistent with sediment that have been disturbed post-depositionally. The D_e distributions are much broader than what would be expected of a sample that was well-bleached prior to deposition and that remained undisturbed since burial. There is no simple way to obtain a reliable and accurate estimate of D_e for the depositional event. To obtain some estimate of D_e, we determined which of the D_e values were statistical outliers using the normalised median absolute deviation (nMAD) method (Rousseeuw and Croux, 1993; Rousseeuw et al., 2006). We used 1.4826 as the appropriate correction factor for a normal distribution and outliers were identified as those with log D_e values with nMADs of greater than 2.0 (Powell et al., 2002; Storey et al., 2012; Wood et al., 2016). In all three samples, we identified as outliers a small number of grains with both smaller and larger D_e values, shown as open triangles in Fig. 4. After rejection of the outliers, we then used the central age model (CAM) to obtain the final D_e value (Table 3). This model (Galbraith et al., 1999; Galbraith and Roberts, 2012) assumes that the D_e values for all grains are centred on some average value of D_e (similar to the median) and the estimated standard error takes account of any D_e overdispersion; hence, the greater the OD, the larger the error. We also estimated the minimum D_e value for the uppermost sample (TP50_20), using the minimum age model (MAM) of Galbraith et al. 1999).

The D_e estimates for all three samples using the statistical approaches outlined above are provided in Table 3.

Environmental dose rate determination and results

The total environmental dose rate consists of contributions from beta, gamma and cosmic radiation external to the sand-sized quartz grains used for optical dating, as well as a small alpha dose rate due to the radioactive decay of uranium and thorium inclusions inside the grains. To calculate the OSL ages, we have assumed that the present-day radionuclide activities and dose rates have prevailed throughout the period of sample burial.

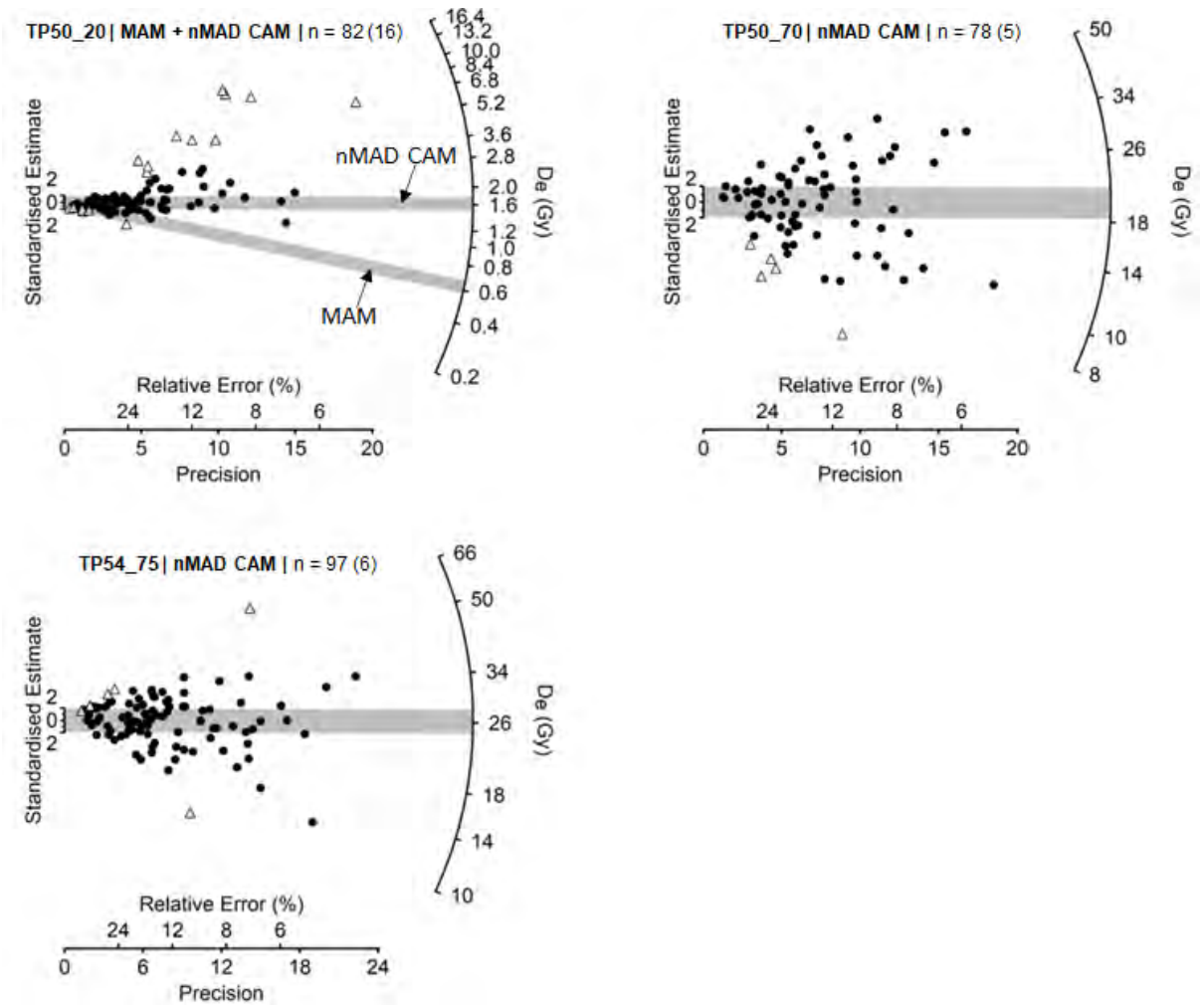


Figure 4: *Radial plots of samples collected from Dinawan Energy Hub. The grey bands in all plots are centred on the weighted mean D_e value calculated using the central age model after statistical outliers (open triangles) were identified and rejected. For TP50_20 the lower grain band is centred on the minimum D_e value.*

We estimated the beta and gamma dose rates by measuring the K, Th and U concentrations of dried, homogenised and powdered sediment samples using inductively coupled plasma optical emission spectrometry (ICP-OES; for K) and inductively coupled plasma mass spectrometry (ICP-MS; for Th and U). These analyses were performed externally at a commercial laboratory (Intertek Genalysis) in Perth, Western Australia. The K, Th and U concentrations were converted into beta and gamma dose rates using the dose rate conversion factors of Guèrin et al. (2011). For beta dose rates, allowance was made for the impact of sample water content (Nathan and Mauz, 2008), grain size (Brennan, 2003) and HF acid etching (Bell and Zimmerman, 1978) on beta-dose attenuation. Gamma dose rates were also corrected for water content. The cosmic dose rates were calculated following Prescott and Hutton (1994) and corrected for water content. In addition, we assumed an effective internal alpha dose rate of 0.031 ± 0.011 Gy/ka.

Present-day water contents of ~1-3% were measured for the three samples. It is expected that the measured water contents are indicative of the long-term average water contents of these samples. The relative uncertainty of 25% is sufficient to accommodate the likely range of water contents

experienced by these deposits; the OSL age estimates increase by about 1% for each 1% increase in water content. The dose rates for each of the samples are provided in Table 3.

OSL age estimates

The OSL age estimates are presented for all samples in Table 3. Uncertainties on the estimates are given at 1σ (the standard error on the mean) and were estimated by combining, in quadrature, all known and estimated sources of random and systematic error.

The two samples at 75 and 70 cm depth in two different test pits (TP54 and TP50) gave ages of 10,440 ± 625 and 8,800 ± 715 years, respective. These two ages are consistent at 1σ. Their broad De distributions need to be kept in mind and these ages should be considered broad average ages for deposition of sediment. Both ages are consistent with deposition during the early Holocene. The uppermost sample collected form a depth of 20 cm in TP50 gave a much younger average age of 760 ± 60 years. If this sample is interpreted as partially bleached, then the minimum age of 280 ± 45 year will be more appropriate.

Table 3: *Dose rate data, equivalent dose (D_e) and overdispersion (OD) values, and ages.*

Sample	Water (%)	External dose rate (Gy/ka)			Total	D_e (Gy)	Model	OD (%)	Age (years)
		Beta	Gamma	Cosmic					
TP50_20	3 ± 1 (2)	1.19 ± 0.04	0.72 ± 0.03	0.26	2.20 ± 0.06	0.61 ± 0.10 1.67 ± 0.11	MAM nMAD CAM	100 ± 8 (20) 100 ± 8 (53)	280 ± 45 760 ± 60
TP50_70	3 ± 1 (1)	1.24 ± 0.04	0.79 ± 0.03	0.22	2.28 ± 0.06	20.0 ± 1.5	nMAD CAM	75 ± 6 (61)	8,800 ± 715
TP54_75	3 ± 1 (3)	1.38 ± 0.05	0.91 ± 0.03	0.22	2.53 ± 0.07	26.4 ± 1.3	nMAD CAM	52 ± 4 (45)	10,440 ± 625

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E.6 Radiocarbon dating

THE UNIVERSITY OF WAIKATO
Te Whare Wānanga o Waikato

Radiocarbon Dating Laboratory,
University of Waikato
Hamilton,
New Zealand.

Wednesday, 8 November 202

Radiocarbon Dating Laboratory

Report on Radiocarbon Age Determination for Wk- 57295

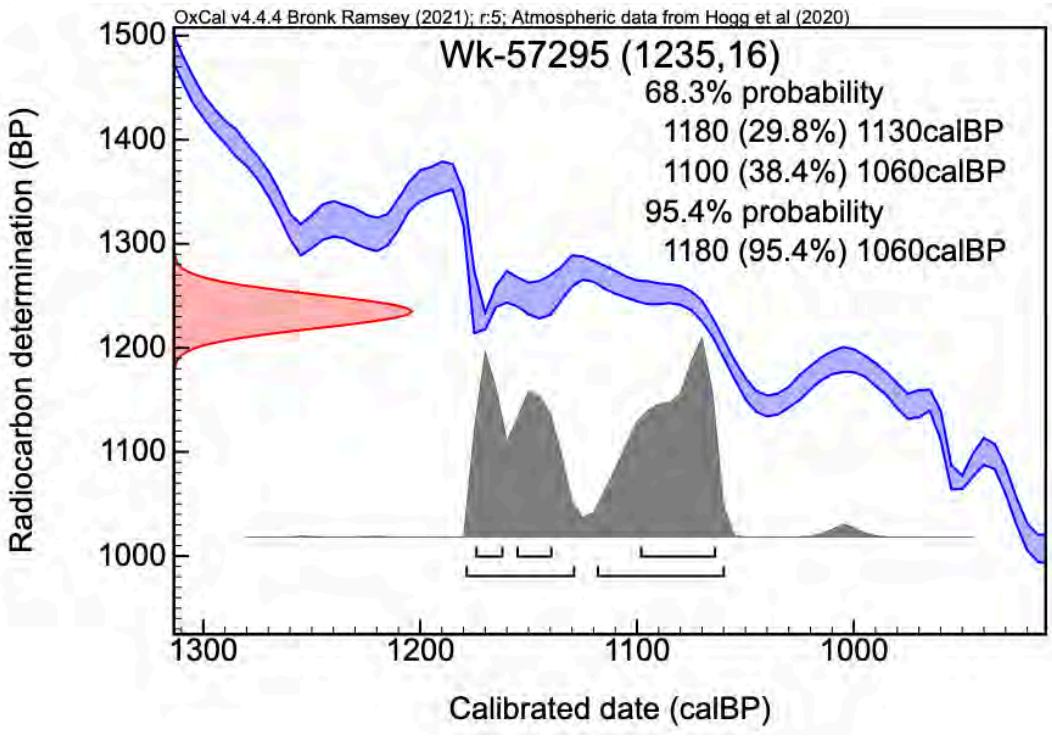
Submitter	S Elias
Submitter's Code	DEH-23-HASPAD3. Sample 7
Site & Location	Dinawan Energy Hub Solar, Murray Basin., Australia
Sample Material	Charcoal
Physical Pretreatment	Sample cleaned.
Chemical Pretreatment	Sample washed in hot HCl, rinsed and treated with multiple hot NaOH washes. The NaOH insoluble fraction was treated with hot HCl, filtered, rinsed and dried.

$D^{14}C$	-142.5 ±	1.7 ‰
$F^{14}C$%	85.7 ±	0.2 %
Result	**1235 ± 16 BP**	

(AMS measurement)

Comments

Please note: The Carbon-13 stable isotope value ($\delta^{13}C$) was measured on prepared graphite using the AMS spectrometer. The radiocarbon date has therefore been corrected for isotopic fractionation. However the AMS-measured $\delta^{13}C$ value can differ from the $\delta^{13}C$ of the original material and it is therefore not shown.



- Explanation of the calibrated Oxcal plots can be found at the Oxford Radiocarbon Accelerator Unit's calibration web pages (http://c14.arch.ox.ac.uk/embed.php?File=explanation.php)
- Result is *Conventional Age or Percent Modern Carbon (pMC)* following Stuiver and Polach, 1977, Radiocarbon 19, 355-363. This is based on the Libby half-life of 5568 yr with correction for isotopic fractionation applied. This age is normally quoted in publications and must include the appropriate error term and Wk number.
- Quoted errors are 1 standard deviation due to counting statistics multiplied by an experimentally determined Laboratory Error Multiplier.
- The isotopic fractionation, $\delta^{13}C$, is expressed as ‰ wrt PDB and is measured on sample CO_2.
- $F^{14}C$% is also known as *Percent Modern Carbon (pMC).*

E.7 Lithic analysis report

ARTEFACT ANALYSIS FROM DINAWAN WIND FARM

October 2023

Dr Trudy Doelman

Overview of Assemblage Characteristics

A total of 39 flaked artefacts and an axe/chisel were excavated from 77 test pits (n=39) and collected from a hearth in PAD-3 (n=1). Most artefacts were found in TP11 (n=4, 12.5%) and TP4 (n=4, 12.5%) with an artefact density of <1.9 per 1m^2 test pit. TP11 also had the highest weight of artefacts (9.5 g, 22.0%). The low artefact density is shown by the number of test pits (n=16) with only one artefact while nearly a third of all test pits had no artefacts.

Test Pit	*Count*	*%*	*Total Weight (g)*	*%*	*Test Pit*	*Count*	*%*	*Total Weight (g)*	*%*
1	1	2.5	0.73	1.7	33	1	2.5	3.03	7.0
2	2	5	2.14	4.9	35	1	2.5	2.09	4.8
4	5	12.5	4.35	10.1	41	2	5	1.16	2.7
7	1	2.5	0.92	2.1	42	1	2.5	0.43	1.0
10	1	2.5	3.33	7.7	43	1	2.5	0.16	0.4
11	5	12.5	9.5	22.0	46	1	2.5	0.11	0.3
12	4	10	8.71	20.1	49	1	2.5	0.3	0.7
13	1	2.5	0.19	0.4	51	1	2.5	0.21	0.5
14	1	2.5	0.19	0.4	53	1	2.5	0.43	1.0
15	1	2.5	0.46	1.1	65	1	2.5	0.66	1.5
16	3	7.5	2.94	6.8	77	1	2.5	0.36	0.8
31	2	5	0.73	1.7	HASPAD-3	1	2.5	0.12	0.3
					Total	40		43.25	

Table 1. Distribution of artefacts in the assemblage

Most of the artefacts were found in spit 2 (n=11, 27.5%) and spit 3 (n=25, 15.0%). Only 13 artefacts were in spits 4-6 (Table 2). The number, weight and size of these artefacts indicates a downwards movement (up to 30 cm). As already noted, one artefact was found in a hearth feature.

Spit	*Count*	*%*	*Total Weight (g)*	*%*	*Maximum Length (mm)*	*Std Dev.*
1	5	12.5	4.06	9.4	17.0	5.1
2	11	27.5	22.66	52.4	19.8	6.0
3	10	25	6.24	14.4	14.7	2.9
4	5	12.5	7.82	18.1	18.4	8.7
5	6	15	1.94	4.5	13.1	2.6
6	2	5	0.41	0.9	11.6	2.3
Hearth	1	2.5	0.12	0.3	9.1	

Table 2. Distribution of artefacts in the assemblage by spit

Five raw material types were used in the Dinawan assemblage (Table 4). Most of the artefacts were made from silcrete (n=18) and milky quartz (n=18). The silcrete artefacts were typically light grey (n=8) but varied in colour to include red (n=2), pink (n=2), white (n=1), and red/grey (n=1). Most of the silcrete artefacts were fine-grained (n=14). Two artefacts were made from high quality, matrix-dominated silcrete and two flakes from medium, grain-dominated silcrete. Silcrete is associated with

basalts in eastern Australia (Webb et al. 2003) Relatively large numbers of milky quartz (n=18) suggest the use of local sources. Other material types used include chalcedony, a cryptocrystalline quartz, quartzite and volcanics.

The cortex (or weathered exterior of the parent rock) provides information about the type of stone sources used (i.e., a primary or secondary source). Artefacts with a rough cortex were acquired from a primary source (or an *in-situ* outcrop). Artefacts with a smooth or water-rolled cortex originate from a secondary source (e.g., a cobble from a waterway) (c.f. Doelman 2008). A crazed cortex is associated with heat treatment prior to flaking but can be attributed to natural burning of outcrops (bush fires). Lastly, a polished cortex can be a gibber corte or from an exposed gravel source (e.g., a paleochannel).

Milky quartz (n=1) and volcanics (n=1) have a water-rolled cortex while five artefacts of silcrete have a rough or weathered cortex from a primary outcrop, a crazed/burnt surface (n=1) or a polished cortex (n=1). The fine-grained silcrete artefacts are small by maximum length in comparison to the other silcrete types indicating the on-site reduction of this material type. Quartzite and volcanic artefacts are also large compared to the milky quartz and chalcedony artefacts.

Material	*Count*	*%*	*Mean Maximum Length (mm)*	*Std Dev.*	*Total Weight (g)*	*%*
Fine-Grained Silcrete	14	35	14.8	5.7	6.1	14.2
Matrix-Dominated Silcrete	2	5	21.9	6.1	4.5	10.3
Medium-Grained Silcrete	2	5	18.6	0.6	2.2	5.0
Sub-Total	18	45			12.8	29.5
Milky Quartz	18	45	15.3	4.5	23.3	54.0
Chalcedony	1	2.5	11.1		0.2	0.4
Quartzite	1	2.5	25.1		0.9	2.1
Volcanic	2	5	26.1	1.6	6.0	13.9

Table 4. Material types by length and total weight in the assemblage

Material	*Primary Outcrop*	*Secondary/water-rolled*	*Crazed/burnt*	*Polished*
Matrix-dominated silcrete	1			
Medium-grained silcrete				1
Fine-grained silcrete	4		1	
Milky Quartz		4		
Volcanic		1		

Table 5. Types of cortex on the artefacts in the assemblage

Complete flakes dominate the assemblage (n=13, 32.5%). Broken flakes, including distal, medial and proximal flakes, account for 37.5% (n=15) of the assemblage (Table 5). There is a high frequency of cores in the assemblage (n=5, 12.5%). Only one flaked tool on a complete flake was found. Surprisingly a small axe/chisel was found in TP11. Two of the cores were also found in this test pit. In addition, two heat shattered fragments (HSA) and three angular fragments were also found. Both HSAs were found in TP4.

Class	*Count*	*%*	*Maximum Length (mm)*	*Std Dev.*	*Total Weight (g)*	*%*
Core	5	12.5	16.7	4.4	10.4	24.0
Complete Flake	13	32.5	16.0	4.7	7.0	16.3
Distal Flake	6	15	15.1	7.6	4.6	10.6
Medial Flake	6	15	14.6	5.6	2.6	6.0
Proximal Flake	3	7.5	17.5	9.4	6.6	15.4
	15	37.5			13.8	32.0
Complete Tool	1	2.5	14.9		1.0	2.3
Axe	1	2.5	27.3		3.8	8.9
	2	5			4.8	11.2
Angular Fragment	3	7.5	17.2	2.4	4.6	10.6
HSA	2	5	18.4	9.3	2.6	5.9

Table 6. Composition of the artefacts in the assemblage

The cores were found TPs 11, 2, 16 and 33 (Figure 3). Three of the cores were made from milky quartz while two were made from high quality, light grey silcrete. One silcrete core was obtained from a primary outcrop while the milky quartz cores were made from small, water-rolled pebbles. Four of the cores have elongated flake scars, while one (id=12) silcrete core has expanding flake scars. Two of the cores were made on flakes which might indicate the recycling of artefacts to extend use. All the cores are highly reduced, flaked using a bipolar technique and have evidence of anvil resting i.e., crushing. This technique is used to extend the uselife of a core or is commonly used on small milky quartz pebbles to remove flakes (Holdaway and Stern:2004: 194). One core (id=12) was bifacially flaked in multiple directions, has numerous step terminations and expanding flake scars. All cores were 20 mm or below. The small size of the cores coupled with the anvil resting and bipolar flaking indicates a need to conserve and maximise the flakes manufactured from each core. This scenario suggests extreme raw material stress equating to an increased distance from silcrete sources and only the local availability of small milky quartz pebbles.

Id	*Test Pit*	*Material*	*Core Type*	*Core Body*	*Scar Form*	*Maximum Length (mm)*	*Weight*
6	11	Fine-Grained Silcrete	Bipolar	Flake	Elongated	9.2	0.33
12	2	Matrix-Dominated silcrete	Bipolar	Nondiagnostic	Expanding	17.6	1.14
5	11	Milky Quartz	Bipolar	Flake	Elongated	19.6	4.06
20	16	Milky Quartz	Bipolar	Nodule	Elongated	16.9	1.8
18	33	Milky Quartz	Bipolar	Nondiagnostic	Elongated	20	3.03

Table 7. Cores in the assemblage



Figure 1. Cores in the assemblage, left to right ids=20, 18, 11, 5, 12 and 6. Scale=1cm

Indeterminate flakes dominant the assemblage (n=14). A further seven bipolar flakes and six elongated flakes were also found (Table 6). The largest flake, a proximal flake, was a split pebble of milky quartz. A proximal flake with a blade form was also found in the test pits. A single large fine-grained silcrete flake was also found (Table 8). In contrast, the largest complete flake of milky quartz (17.2 mm) was considerably smaller.

Form	*Count*	*Mean Maximum Length (mm)*	*Std Dev.*	*Total Weight (g)*
Bipolar	7	12.8	2.2	3.21
Blade	1	13.2		0.3
Block	1	26.2		3.33
Elongated	6	18.7	6.6	3.35
Indeterminate	14	15.1	5.5	9.38
Split pebble	1	28.3		6.16

Table 8. Form of all flakes by material type in the assemblage.

Material	*Count*	*Mean Axial Length (mm)*	*Std Dev.*	*Maximum Axial Length (mm)*
Fine-Grained Silcrete	5	17.2	6.4	27.9
Milky Quartz	7	12.9	2.7	17.2
Medium-Grained Silcrete	1	16.8		16.8

Table 9. Size of complete flakes by material type in the assemblage.

Two tools were found during in the assemblage. The tools include a complete tool of milky quartz made on a bipolar flake in TP2. This tool had scraper retouch in one quadrant. Of note was a small axe or chisel of a light grey volcanic material in TP11 (Figure 2). This axe (id=7) or chisel (c.f. McCarthy 1976) has two polished edges indicating evidence of rotation and recycling. The axe was 27.3 mm in maximum dimension. While one face was polished the back appears to be a broken fragment possibly from a larger axe. This tool again shows recycling and raw material pressures.



Figure 2. Axe/chisel found in found in the assemblage, Left shows double polished bevels (dashed lines), right shows previous fracture id=7. Scale=1cm

Summary

Only two test pits have five artefacts (TP4 and TP11). The overall artefact density is low. TP4 has the highest density of cores and the axe/chisel. Only one blade, indicative of a mid-late Holocene occupation (c.f. Holdaway and Stern 2004) was found in TP49. Small, presumably local, pebbles of milky quartz were flaked using a bipolar technique. Silcrete cores were also found in the assemblage. Silcrete was obtained from non-local primary outcropping source. Evidence for raw material conservation and intensive use was seen in the assemblage indicating the lack of available stone resources and the distance from silcrete sources. In particular, cores were small, sometimes rotated or bifacially flaked using an anvil. These factors have contributed to a low artefact density.

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E.8 Lithic catalogue

3D	Test Pit	Spit	Depth	CLASS	MATERIAL	COLOUR	HEAT DAMAGE	DISIAL END	CORTEX %	CORTEX TYPE	FORM	EXT. PLATFORM	PLATFORM TYPE	DORSAL SCARS	TOOL TYPE	RETOUCHED EDGES	EDGE 1	EDGE 2	EDGE 3	EDGE 4	CORE TYPE	CORE BODY	SCAR FORM	CORE PLATFROM NO.	CORE PLATFORM NO.	STEP TERMINATIONS	HINGE TERMINATIONS	MAX. LENGTH	AXIAL LENGTH	MAX. WIDTH	MAX. THICK	PLATFORM WIDTH	PLATFORM THICKNESS	CORE SCAR LENGTH	CORE SCAR WIDTH	CORE SCAR NO.	WEIGHT	MODIFIED	COMMENTS
1	A1-TP1	2	10-20	DISTFLAKE	FSILCRETE	White	N	FEATHER	0%		Elongated					0									0			23.1	0	0	0	0	0	0	0		0.73	N/A	PEDO
2	12	2	10-20	PROXFLAKE	MilkyQuartz	Brown	N		100%	WRSmooth	SPEBBLE	NA	Cortical			0									0			28.3	0	0	0	15.1	9.5	0	0		6.16	N/A	
3	11	4	30-40	CompFlake	FSILCRETE	lgrey	N	FEATHER	51-99%	Weather	Elongated	NA	Uni	0		0									0			28.5	27.9	9.2	5.2	3.9	3.6	0	0		1.11	N/A	
4	11	4	30-40	DISTFLAKE	FSILCRETE	Red	Y	FEATHER	0%		Indeterminate					0									0			9.8	0	0	0	0	0	0	0		0.15	N/A	
5	11	4	30-40	CORE	MilkyQuartz	White	N		26-50%	WRSmooth						0					Bipolar	Flake	Elongated	na	1	0	0	19.6	0	17.1	7.5	0	0	18.4	5.9	1-2	4.06	N/A	FAB/BIPOLAR
6	11	4	30-40	CORE	FSILCRETE	lgrey	N		0%							0					Bipolar	Flake	Elongated	na	1	0	0	9.2	0	8.2	3.1	0	0	7.9	4.2	1-2	0.33	N/A	FAB/CRUSHED
7	11	2	10-20	AXE	Volcanic	lgrey	N			Weather	Indeterminate					0									0			27.3	0	0	0	0	0	0	0		3.85	N/A	ROTATED
8	12	1	0-10	CompFlake	FSILCRETE	lgrey	N	FEATHER	0%		Indeterminate	NA	Crush	0		0									0			12.7	10.6	9.6	1.9	0	0	0	0		0.28	N/A	
9	12	1	0-10	ANGULARFRAG	MSILCRETE	Brown	N		1-25%	Rough						0									0			19	0	0	0	0	0	0	0		1.72	N/A	
10	53	5	40-50	MEDFLAKE	MilkyQuartz	White	N		0%		Indeterminate					0									0			15.5	0	0	0	0	0	0	0		0.43	N/A	
11	2	3	20-30	COMPTOOL	MilkyQuartz	White	N	CRUSH	0%		Bipolar	NA	Uni	0	R	1	N/A	N/A	N/A	SCRAPER					0			14.9	13.2	10.2	4.5	9.4	4.7	0	0		1	N/A	
12	2	3	20-30	CORE	MDSILCRETE	lgrey	N		1-25%	Weather						0					Bipolar	Nondiagnostic	Expanding	na	4	<5	0	17.6	0	12.6	5.2	0	0	9.9	10.3	3-5	1.14	N/A	FAB/BFACIAL
13	HASPAD-3	HEARTH	0-10	DISTFLAKE	FSILCRETE	Red	N	FEATHER	1-25%	Weather	Elongated					0									0			9.1	0	0	0	0	0	0	0		0.12	N/A	
14	15	2	10-20	CompFlake	MSILCRETE	R/G	Y	FEATHER	1-25%	POLISH	Elongated	NA	Uni	0		0									0			18.2	16.8	9.4	2.1	5.8	1.5	0	0		0.46	N/A	
15	65	2	10-20	CompFlake	MilkyQuartz	White	N	FEATHER	0%		Elongated	NA	Crush	180		0									0			17.5	17.2	10.7	2.9	0	0	0	0		0.66	N/A	SEMITRANS
17	14	2	10-20	PROXFLAKE	Chalcedony	Brown	N		0%		Bipolar	NA	Crush			0									0			11.1	0	0	0	0	0	0	0		0.19	N/A	
16	4	4	30-40	HSA	Volcanic	dgry	Y		1-25%	WRSmooth	N/A					0									0			25	0	0	0	0	0	0	0		2.17	N/A	NA?
18	33	2	10-20	CORE	MilkyQuartz	White	N		0%							0					Bipolar	Nondiagnostic	Elongated	na	1	0	0	20	0	16.1	8.2	0	0	19.4	7.7	1-2	3.03	N/A	CRUSHED/FAB
19	10	2	10-20	DISTFLAKE	MDSILCRETE	lgrey	N		26-50%	Weather	Block					0									0			26.2	0	0	0	0	0	0	0		3.33	N/A	
20	16	2	10-20	CORE	MilkyQuartz	White	N		26-50%	WRSmooth						0					Bipolar	Nodule	Elongated	na	1	0	0	16.9	0	13	6.6	0	0	15.9	8.9	1-2	1.8	N/A	Y/W
21	16	2	10-20	CompFlake	MilkyQuartz	White	N	CRUSH	0%		Bipolar	NA	Crush	0		0									0			10.6	9.6	8.3	2.5	0	0	0	0		0.36	N/A	
22	35	2	10-20	ANGULARFRAG	MilkyQuartz	White	N		0%							0									0			18.1	0	0	0	0	0	0	0		2.09	N/A	OPAQUE
23	4	3	20-30	CompFlake	FSILCRETE	lgrey	N	FEATHER	100%	Rough	Indeterminate	NA	Uni	N/a		0									0			19.5	14.4	14.3	4	5.2	2.9	0	0		0.83	N/A	
24	4	3	20-30	DISTFLAKE	FSILCRETE	lgrey	N	FEATHER	1-25%	Rough	Indeterminate					0									0			12.2	0	0	0	0	0	0	0		0.16	N/A	
25	4	3	20-30	CompFlake	FSILCRETE	Pink	N	FEATHER	0%		Indeterminate	NA	Crush	0		0									0			17.1	17.1	8.9	4.1	0	0	0	0		0.79	N/A	
26	4	3	20-30	HSA	FSILCRETE	R/G	Y		1-25%	craze	N/A					0									0			11.8	0	0	0	0	0	0	0		0.4	N/A	SPALL
31	31	5	40-50	MEDFLAKE	FSILCRETE	lgrey	N		0%		Indeterminate					0									0			14.8	0	0	0	0	0	0	0		0.46	N/A	
32	31	5	40-50	CompFlake	FSILCRETE	Pink	N	FEATHER	0%		Elongated	NA	Uni	0		0									0			15.8	15.8	6.8	1.5	3.1	0.9	0	0		0.27	N/A	
27	41	3	20-30	CompFlake	MilkyQuartz	White	N	FEATHER	0%		Indeterminate	NA	Uni	0		0									0			14.4	13	9.4	4.1	7.7	5.6	0	0		0.62	N/A	
28	41	3	20-30	CompFlake	MilkyQuartz	White	N	CRUSH	1-25%	WRSmooth	Bipolar	NA	Crush	0		0									0			12.9	11.3	9.7	3.6	0	0	0	0		0.54	N/A	OPAQUE
29	49	6	50-60	PROXFLAKE	FSILCRETE	lgrey	N		0%		Blade	NA	Uni			0									0			13.2	0	0	0	4.6	2.2	0	0		0.3	N/A	
30	16	1	0-10	ANGULARFRAG	MilkyQuartz	White	N		0%							0									0			14.4	0	0	0	0	0	0	0		0.78	N/A	
33	43	5	40-50	MEDFLAKE	MilkyQuartz	White	N		0%		Indeterminate					0									0			11.3	0	0	0	0	0	0	0		0.16	N/A	
34	7	1	0-10	MEDFLAKE	Quartzite	Pink	N		0%		Indeterminate					0									0			25.1	0	0	0	0	0	0	0		0.92	N/A	
35	12	3	20-30	CompFlake	MilkyQuartz	White	N	FEATHER	0%		Bipolar	NA	Crush	0		0									0			16	15.1	11.5	2.8	0	0	0	0		0.55	N/A	
36	46	6	50-60	DISTFLAKE	MilkyQuartz	White	N	FEATHER	0%		Indeterminate					0									0			10	0	0	0	0	0	0	0		0.11	N/A	
37	77	1	0-10	CompFlake	MilkyQuartz	White	N	CRUSH	0%		Bipolar	NA	Crush	0		0									0			13.7	13.2	5.4	4.1	0	0	0	0		0.36	N/A	
38	51	3	20-30	CompFlake	MilkyQuartz	White	N	FEATHER	0%		Bipolar	NA	Crush	180		0									0			10.6	10.6	7.7	2.5	0	0	0	0		0.21	N/A	
39	13	5	40-50	MEDFLAKE	FSILCRETE	lgrey	N		0%		Indeterminate					0									0			9.7	0	0	0	0	0	0	0		0.19	N/A	
40	42	5	40-50	MEDFLAKE	MilkyQuartz	White	N		0%		Indeterminate					0									0			11.3	0	0	0	0	0	0	0		0.43	N/A	

Attachment F

Aboriginal cultural heritage management plan guiding principles

EMM
creating opportunities

F.1 Guiding principles

The key recommendation of Section 11 of this report is the development of an Aboriginal cultural heritage management plan (ACHMP) to guide the management and mitigation of cultural materials within the project. While specific approaches and methodology would be developed as part of the ACHMP, the below section provides over-arching guiding principles for the management of key content requirements and each site type that may be adversely affected by the project.

F.1.1 Contents of the ACHMP

The ACHMP should include, but not be limited to the following:

- Where the project may interact with other approved projects, the document would consider and comply with other ACHMPs and cultural management measures.
- Processes, timing, communication methods and project involvement (e.g. on-site activities) for maintaining Aboriginal community consultation and participation through the remainder of the project. This should include a grievance mechanism that is readily available and designed for use by the local Aboriginal community.
- If not previously completed and where necessary, provide descriptions and methods for undertaking further investigation and assessment of the sites and cultural deposits currently assigned a tentative classification.
- If not previously completed, discuss and identify any areas of design optimisation with the RAPs to avoid or further minimise harm to identified Aboriginal sites, objects and places.
- Detail descriptions and methods of any additional investigative and/or mitigative archaeological actions that may be required prior to construction works commencing or during the project. These should include, but not be limited to, archival recording of all identified Aboriginal objects, sites and places that may be adversely affected; suitable recovery or relocation, documentation and analysis of any archaeological sites proposed for direct impacts; management of any archaeological excavation of areas of significant buried cultural material and where direct impacts are proposed; and/or cultural monitoring for any areas identified by the Aboriginal community as having significant cultural value. For these activities, details of location/s, methods, personnel, and timing should be included.
- Description and methods of actions to minimise any inadvertent impacts to identified Aboriginal objects and/or sites and areas of archaeological sensitivity outside, but in proximity, of the development corridor. This should include, but not be limited to, cultural inductions for all personnel and subcontractors outlining their location and significance, fencing and clear marking of heritage sites and zones of interest in proximity to proposed works, appropriate screening for sensitive and gender-specific areas, and any additional requirements identified by the Aboriginal community. A suitable regime of monitoring these activities should also be outlined, including locations, methods, personnel and timing.
- Description and methods for undertaking further Aboriginal heritage assessment, investigation and mitigation of any areas of the development corridor that have changed following completion of the ACHA, and/or during the final design and construction phases of the project.
- Description and methods of post-excavation analysis and reporting of the archaeological investigations and activities implemented as part of the ACHMP. For excavations, these should include suitable collection and processing of stone artefacts, and chronological, soil and environmental samples.

- Procedures for managing the unexpected discovery of Aboriginal objects, sites and/or human remains during the project.
- Procedures for the curation and long-term management of cultural materials recovered or relocated as part of the works outlined in the ACHMP and any preceding stages associated with the project. This should include any ongoing monitoring requirements to ensure the preservation of recovered cultural materials, such as culturally modified trees.
- Processes for reviewing, monitoring, and updating the ACHMP as the project progresses.

F.1.2 Avoidance and/or impact minimisation approaches

The specific methods for avoiding or minimising impacts to identified Aboriginal sites and places would typically be highly specific to the cultural materials in question and the development activities occurring nearby.

Currently, the following sites are proposed for avoidance: PEC -E-49 (#55-1-0059), PEC -E-47 (#55-1-0057), PEC -E-50 (#55-1-0060), DEHW-2023-HAS4 (#54-3-0070), DEHW-2023-HAS1 (#54-3-0071), DEHW-OA6 (#54-3-0076), DEHW-2023-STAS1 (#55-1-0143) (part), DEHW-2023-ST12 (#55-1-0144), DEHW-2023-HAS13 (#55-1-0162), DEHW-2023-STAS2 (#48-6-0250), DEHW-2023-ST8 (#48-6-0253), DEHW-2023-ST1 (#48-6-0273), DEHW-2023-HIF5 (#48-6-0283), DEHW-OA3 (#48-6-0308), DEHW-CS1 (#48-6-0310), and DEHW-2023-HH1 (#49-4-0245).

Below are some general approaches that can be applied with site specific options developed and applied as part of the ACHMP:

- incorporation of the sites, cultural deposits, curtilages, and obligations for their protection into cultural inductions for site personnel
- where available, incorporation of the sites and curtilage into ‘no-go’ and/or constraint layers within the development document packages and their inclusion into ground disturbance permit/approval requirements for the project
- establishment of fencing and/or signage during works in and around identified sites and cultural deposits. These should be developed in conjunction with an Aboriginal heritage specialist and/or RAPs
- where necessary, establishment of surface protection such as heavy duty ground protection mats, or equivalent. These should be developed in conjunction with an Aboriginal heritage specialist and/or RAPs
- the installation of underground/detectable tape at depths of 50 cm below current ground surface across the surface of the cultural deposits
- establishment of permanent (non-intrusive) signage to indicate cultural deposits and to contact an Aboriginal heritage specialist prior to development activity.

F.1.3 Methods for identified site types

In terms of each site type, the following provides a number of guiding principles that should be adopted in the ACHMP and other relevant documents where sites and/or cultural deposits would be adversely affected (direct and indirect), including the following:

- Management of hearths and associated cultural materials (DEHW-2024-H1 [#48-6-0289], DEHW-2023-H3 [#48-6-0257], DEHW-2024-HAS8 [#48-6-0267], DEHW-2024-HAS7 [#55-1-0165]):
    - archival recording of the site both in its landscape context and the specific features of the modifications prior to disturbance, including a focus on any rock art that may be present
    - detailed field survey should be undertaken to identify the curtilage of the site and all observable surface cultural materials. Once identified, cultural materials should be spatially documented, collected and subject to detailed lithic analysis
    - archaeological excavation of the hearth feature where any cultural deposits are observed to inform the significance of the site and provide information on the past use by Aboriginal people. Excavations should initially include half of the hearth feature. Excavations should be undertaken manually in discrete test pits (1 m^2), use 5 cm spits for recovery, soil samples of 200–300 g should be recovered at each spit, all remaining sediment should be sieved through a 3 mm mesh, recover suitable paleo environmental and chronological sampling, and undertake appropriate recording. Once recorded and determined to be cultural, the remaining half of the hearth should be subject to excavation and recovery. This may adopt the same methods or deviate to maximise information that could be obtained from the cultural deposit.
- Management of culturally modified trees (namely DEHW-2023-ST10 [#48-6-0251]):
    - archival recording of the tree both in its landscape context and the specific features of the modifications prior to disturbance
    - methods for protection in situ and/or suitable relocation of the tree, either in its entirety and/or via the removal of the ‘scar’ portion of the tree. It should be dictated that these approaches should be overseen by a qualified arboriculturist
    - where left in situ, the processes and methods for long term monitoring of the culturally modified tree to ensure its ongoing preservation
    - where relocated, methods for the long-term curation and conservation of the removed tree or tree fragment, including suitable conditions and preservation agents as required.
- Management of occupation areas or site complexes of a range of stone artefactual and hearth cultural materials (DEHW-2023-HASST1 [#48-6-264], DEHW-2023-STAS1 [#55-1-0143], DEHW-OA1 [#55-1-0172], DEHW-OA2 [#49-4-0243], DEHW-OA4 [#49-4-0244], DEHW-OA5 [#48-6-0309], DEHW-OA7 [#55-1-0171], DEHW-OA8 [#55-1-0169] and DEHW-OA9 [#55-1-0170]):
    - detailed field survey should be undertaken to identify the curtilage of the site and all observable surface cultural materials. Once identified, cultural materials should be spatially documented, collected and subject to detailed lithic analysis

- where subsurface potential is identified, it should be subjected to archaeological excavations. Archaeological excavations that include both an investigative phase and a salvage phase:

    - Investigative phase – the excavations undertaken as part of the ACHA were disparate and widely spaced to maximise investigation of the development corridor. Where cultural deposits are to be adversely affected, additional investigation in the form of high-resolution systematic grids of test pits spaced 10–20 m across targeted areas should be implemented. Excavations should be undertaken manually in discrete test pits (1 m^2), use 10 cm spits for recovery, sieve all sediment through a 5 mm mesh, recover suitable paleo-environmental and chronological sampling, and undertake appropriate recording.

    - Salvage phase – once the test pits containing the highest significance are identified, archaeological salvage excavation (conservation *ex situ*) of the area/s should be undertaken. Depending on the number of high value locales and the nature of the impacts, salvage excavation may focus on some or all of these test pits. In accordance with current best practice, all salvage works should consist of initially 25 m^2 of contiguous open area excavation centred on the test pit/s of interest and expanding up to 100 m^2 where suitable thresholds are met (e.g. continuing high density of artefact numbers, unique characteristics, etc). Excavations should be undertaken manually in discrete test pits (0.25–1 m^2), use 5 cm spits for recovery, sieve all sediment through a 3 mm mesh, recover suitable paleo environmental and chronological sampling, and undertake appropriate recording.

  It is noted that some of the occupation areas are substantial and a representative approach of recovering only the most significant portions of these cultural deposits identified through field survey and/or other mechanism should be applied.

- Management of low density background artefact scatter cultural materials (DEHW-BS1):

    - no further mitigation measures are recommended. It has been demonstrated that ~1–15 artefacts/m^2 would be expected disparately and intermittently across the project area, which reflects the ephemeral use of the region by Aboriginal people for several millennia. It is considered that further investigation of these areas would not alter the significance or understanding of these cultural deposits

    - targeted surface collection may be considered for cultural materials where requested by the RAPs.

- Analysis and reporting:

    - all additional investigation, mitigation and monitoring activities should ensure suitable reporting and lodgement with relevant repositories, such as the Heritage NSW AHIMS database

    - in the case of excavations, post- excavation analysis should be undertaken for all recovered sedimentological and cultural materials. Analysis should include processing of chronological samples (e.g. optically stimulated luminescence, radiocarbon), paleo environmental samples (e.g. particle size, geochemistry, pollen analysis, etc), lipid analysis, and stone tool analysis

    - identification of short and long term repositories for recovered cultural materials and other collected samples.

F.1.4 Contents and methods for interpretation strategy, plan and implementation

The following points provide some guiding principles for consideration in the development of heritage interpretation of the project:

- Initially an interpretation strategy should be developed to identify key and over-arching themes. Subsequently, a plan would refine the strategy with content (visual and textual) and design details in order to allow the implementation stage.
- The documents should be co-designed and closely developed with local Wiradjuri traditional owners. This includes identification of initial aims and ideas, content and structure.
- Given the nature of the project, these documents may consider off-site public outreach opportunities at nearby townships such as Narrandera, Griffith, etc.
- The content should include, but not be limited to:
    - the ethnographic and historical record, which includes post-Contact and contemporary associations with the site and immediate environs
    - consultation and input from the Wiradjuri traditional owners
    - information obtained from the archaeological excavations and findings undertaken for the project on the cultural and environmental landscape within which past Aboriginal people interacted with in the past.

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